

ECerS2017

15th Conference & Exhibition
of the European Ceramic Society

July 9–13, 2017, Budapest, Hungary

PROGRAMME BOOK



AKCongress

Welcome

Welcome to *ECerS2017*, the 15th Conference & Exhibition of the European Ceramic Society

It is a great honour and pleasure for us to welcome you at *ECerS2017* in Budapest, between July 9 and 13, 2017, truly one of the most important world ceramic events. For the first time, the Conference will be organised jointly by two member societies namely the Turkish Ceramic Society and the Hungarian Scientific Society of the Silicate Industry.

Since the first *ECerS* Conference in 1989, the tremendous growth in interest and participation from ceramic communities has made the *ECerS* Conference a globally popular venue for scientists, artists, students and industrialists willing to have a direct access to one of the largest community of international experts of ceramic art, science and technology. This year we have more than 800 participants from more than 60 countries. We believe that all of you will use this opportunity not only to advance your research, but also to discover the beauties of the city of Budapest and its surroundings.

The Conference has been organised around 12 general themes that cover most aspects of ceramics science and technology: New developments in processing and synthesis with a special focus on additive manufacturing; High temperature processes and advanced sintering; Advanced structural ceramics; Electroceramics and optical materials; Ceramics for novel energy conversion, storage and use; Ceramics and glasses for healthcare; Challenges and opportunities in industrial ceramics; The ceramics genome: modelling, simulation and *in-situ* experimentation; Boron-based ceramics; Cultural heritage; Refractories; and Art and ceramics.

The Conference Satellite Events are organised on 6 scientific themes focusing on Advanced ceramics for dentistry; Smart manufacturing systems for industry; Ceramics and composites in harsh nuclear environment; New frontiers on ceramic characterisation techniques; the Young Ceramists Network; and the Student Speech Contest.

The extensive scientific program consists of 2 plenary lectures, 100 invited and more than 300 oral presentations divided into 6 parallel sections. The prestigious *EcerS* Society Awards as the JECS Trust Award, the JECS Best Paper Award, the Stuijts Award, the Richard Brook Award, the Industrial Award and the Young Scientist Award are presented at the *EcerS* Award Ceremony. More than 400 posters are presented in the poster sessions. This year we have participants from 20 countries in the Student Speech Contest.

The success of the Conference is due to the many people from member national societies who have collaborated with us in planning and organizing this event. We especially thank the

International Advisory Board, the International Scientific Programme Committee, the Topic Chairs and the Members, the Satellite Topic Chairs, the Symposia Chairs and the Local Organizing Committee Members whose exceptional efforts have supported the entire Conference.

We hope that this Programme Book will be a useful guide to explore all the presentations, topics and satellite events and commercial exhibitions as well.

We welcome you in Budapest and wish you a fruitful and pleasant stay in Hungary:

Servet Turan**Conference Chair**

*Anadolu University,
Turkey*

**Csaba Balázs****Conference Chair**

*Centre for Energy Research,
Hungarian Academy of Sciences,
Hungary*

**Alpagut Kara****Conference Co-Chair**

*Anadolu University,
Turkey*

**Katalin Balázs****Conference Co-Chair**

*Centre for Energy Research,
Hungarian Academy of Sciences,
Hungary*



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- Russia
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- Slovak Republic
- Slovenia
- Spain
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- Switzerland
- Turkey
- United Kingdom

Associated Members:

- Iran
- Morocco
- Thailand

If you are a member of one of our European members countries or from one of the associated countries, you are automatically considered as a member of ECERS!

The European Ceramic Society (ECerS)

was established in 1987 and is a non-governmental, nonprofit international association of national ceramic societies each representing the ceramists of a member country

ECerS Conferences

Every 2 years, the European Ceramic Society organises a conference in one of the member countries. The next Conferences will be organised from 9th to 13th July 2017 in Budapest (Hungary) and in Torino (Italy) in 2019.



The ECerS student speech contest is organised during the ECerS conference: young research students, representing each of the ECerS member countries give an oral presentation that is evaluated by a jury.

Frontiers of Research

Call open to early stage researchers of the countries affiliated to the European Ceramic Society. The proposal aims to promote frontier research in the field of materials, devices and processes related to all the application areas of ceramics.



Young Ceramists Network

The YCN is an initiative of ECerS sponsored by the JECS Trust. This non-profit network aims at bringing young students and professionals currently doing research on Ceramics.

Working Groups :

- Young Ceramists and Training
- Industrial
- Art, Design & Tradition
- R&D

Journal of the European Ceramic Society

The Journal (JECS) publishes the results of original research relating to the structure, properties and processing of ceramic materials.

It is published for the ECerS by Elsevier Science Publishers Ltd. Most of the activities of ECerS are sponsored by the JECS Trust.



www.ecers.org

Secretariat of the European Ceramic Society AISBL

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Programme Overview

ECerS2017 July 9–13, 2017, Budapest, Hungary

REGISTRATION & INFORMATION (Entrance level)

Sunday: 11:00–20:00

Monday–Wednesday: 07:30–19:00

Thursday: 08:00–16:00

Sunday, July 9, 2017

	Room BRAHMS	Room LEHÁR	External venue: Centre for Energy Research	External venue: Centre for Energy Research	Room KODÁLY	Corridor & Aula
13:00–15:30	SE01: Advanced ceramics for den- tistry	SE02: Smart ma- nufacturing systems for industry	SE03: Ceramics and composites in harsh nuclear environment	SE04: New frontiers on ceramic characterisation techniques		Exhibition Setup
15:30–16:00						
16:00–18:00					SE06: Student speech contest	
18:00–19:00						
	Room PÁTRIA					
19:30–21:30	Welcome Reception					

Monday, July 10, 2017

	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART	Room KODÁLY	Corridor & Aula Gallery
08:15–09:45	Opening Ceremony and Plenary Lectures							Exhibition
09:45–10:45	JECS Trust Awards Ceremony							
10:45–11:15	Coffee Break							
11:15–13:00	T03	T04	T02	T07	T01	T05	SE06: Student speech contest	
13:00–14:30	Lunch							
14:30–16:30	T03	T04	T02	T07	T01	T05	SE06: Student speech contest	
16:30–17:00	Coffee Break							
17:00–19:00	T03	T04	T02	T07	T01	T05		

Tuesday, July 11, 2017							
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART	Corridor & Aula Gallery
8:30–10:30	T03	T04	T02	T09	T05	T12	Exhibition
10:30–11:00	Coffee Break						
11:00–13:00	T03	T04	T02	T09	T05	T12	
13:00–14:30	Lunch						
14:30–16:30	T03	T04	T02	T09	T05	T12	
16:30–17:00	Coffee Break						
17:00–18:00						T12	Poster Session I. T01, T02, T03, T12
18:00–19:00							
20:00–23:00	SE05: Young Ceramists Network (YCN) (A38 Ship)						

Wednesday, July 12, 2017							
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART	Corridor & Aula Gallery
8:30–10:30	T03	T04	T06	T09	T01	T11	Exhibition
10:30–11:00	Coffee Break						
11:00–13:00	T03	T04	T06	T08	T01	T11	
13:00–14:30	Lunch						
14:30–17:00	ECerS Award Ceremony						
17:00–17:30	Coffee Break						Poster Session II. T04, T05, T06, T07, T08, T09, T10, T11
17:00–19:00							
20:00–23:00	Gala Dinner (EUROPA Boat)						

Thursday, July 13, 2017							
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART	Corridor & Aula
8:30–10:30	T03	T04	T06	T08	T05	T02	Exhibition
10:30–11:00	Coffee Break						
11:00–13:00	T03	T04	T06	T10	T05	T01	
13:00–14:30	Lunch						
14:30–16:30	T03	T04	T06	T10	T05	T01	
16:30–17:00	Closing Ceremony						Exhibition Moveout
17:00–17:30	Farewell Drink						

The Organisers reserve the right to make changes in the Conference programme.

CONFERENCE TOPICS & ABBREVIATIONS

T01: New developments in processing and synthesis with a special focus on additive manufacturing
T02: High temperature processes and advanced sintering
T03: Advanced structural ceramics

T04: Electroceramics and optical materials
T05: Ceramics for novel energy conversion, storage and use
T06: Ceramics and glasses for healthcare
T07: Challenges and opportunities in industrial ceramics

T08: The ceramics genome: modelling, simulation and *in-situ* experimentation
T09: Boron-based ceramics
T10: Cultural heritage
T11: Refractories
T12: Art and ceramics
SE: Satellite Events

Chairs and Committees

Conference Chairmen

Servet Turan

Anadolu University, Turkey

Csaba Balázs

Centre for Energy Research, Hungarian Academy of Sciences, Hungary

Conference Co-Chairmen

Alpagut Kara

Anadolu University, Turkey

Katalin Balázs

Centre for Energy Research, Hungarian Academy of Sciences, Hungary

Honorary Chairmen

Pavol Šajgalík

President, ECerS, Slovakia

István Asztalos

President, Hungarian Scientific Society of Silicate Ind., Hungary

Hasan Mandal

Past President, ECerS, Turkey

János Szépvölgyi

Past President, Hungarian Scientific Society of Silicate Ind., Hungary

Tolun Vural

President, Turkish Ceramic Society, Turkey

International Advisory Board

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Norway: K. Wilk

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Portugal: C.M. Da Silva Rodrigues, J.C. Almeida

Romania: A. Volceanov, A. Ianculescu

Russia: V. Shevchenko, L. Mezentseva

Serbia: B. Matovic, V.V. Srdic

Slovak Republic: P. Šajgalík, Z. Lences

Slovenia: S. Pejovnik, D. Suvorov

Spain: M.C. Vilanova, C. Baudín

Sweden: L. Bergström, E. Carlstrom

Switzerland: T. Graule, M. Menet

UK: J. Binner

International Scientific Programme Committee (ISPC) Members

Pavol Šajgalík

ECerS President

Antonio Carlos de Camargo

President, Brazilian Ceramic Society

Anne Leriche

ECerS Immediate Past President

Yong-Mo Xu

President, Chinese Ceramic Society

Moritz von Witzleben

ECerS President Elect

Amit Kumar De

President, Indian Ceramic Society

Carmen Baudin

Last ECerS Conference Organiser

Katherine Faber

President, International Ceramic Federation

Paulo Zannini

Next ECerS Conference Organiser

Farhad Golestani-Fard

President, Iranian Ceramic Society

William E. Lee

President, American Ceramic Society

Keiji Tokuue

President, Japanese Ceramic Society

Brian Lynch

President, Australian Ceramic Society

Young Jei Oh

President, Korean Ceramic Society

Local Organizing Committee

Katalin Balázs

Margit Fábián

Nikolett Oláh

Mónika Furkó

Zsolt Fogarassy

Exhibitors and Partners

Silver Partner

www.innovnano-materials.com



Innovnano is a specialist manufacturer of high-quality nanostructured zirconia-based powders. As a subsidiary of CUF, one of the largest chemical companies in Europe, *Innovnano* manufactures and supplies industrial scale quantities of its powders from a purpose-built production centre. We have a special interest in structural ceramics, producing a range of YSZ powders designed for the most physically demanding applications. This range demonstrates great performance, benefitting from outstanding fracture toughness (up to 14 MPa.m^{0.5}), excellent resistance to cyclic fatigue, and high strength, durability and hardness. With *Innovnano's* range of highly pure, nanostructured zirconia ceramic powders, you can expect more from your structural ceramics.

Silver Partner

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UBE is a diversified manufacturer with a core focus on the chemicals sector. Its chemicals are utilized in diverse applications ranging from articles for daily use to advanced applications for the aerospace industry. From *UBE's* birthplace Ube City, Japan in 1897, nowadays, about 11,000 people are working for the *UBE Group* around the world.

As one of the leading manufacturers of high purity Silicon Nitride Powder (Si₃N₄), *UBE's* flagship grade "SN-E10" is already well-known to the technical ceramics & PV industry and our worldwide customers rely on the excellent sinter-properties & unique quality since many years.

Tyranno Fiber®, a heat-resistant continuous ceramic SiC-fiber is also one of *UBE's* specialty products for applications which require high temperature stability, high strength, and high reliability in extreme environments.

Bronze Partner

<http://www.admatec.nl>



Admatec is dedicated to provide additive manufacturing solutions for high demanding applications and markets. The revolutionary ADMAFLEX technology offers the ability to shape ceramics and metals from single piece to large scale productions. This process delivers strong performing materials, using patented 3D printing technology.

SILVER PARTNERS



BRONZE PARTNER



EXHIBITORS AND PARTNERS



Useful Information

Venue – Budapest Congress Center (BCC)

ECerS2017 is hosted in the Budapest Congress Centre (BCC), located in the Buda side, just behind Gellért Hill. The venue is surrounded by picturesque chestnut trees and is close to the city centre and the historic Castle District of Buda. It is easily accessible by local public transportation as well. BCC provides the largest, most modern congress and meeting facility in Hungary. Novotel Budapest City connects to the congress centre and offers 319 new Novation rooms.



The buildings of Budapest Congress Center and Hotel Novotel Budapest City**** are connected but have two separate entrances. Attendees are requested to access the BCC from Jagelló út (main entrance of the BCC), however attendees staying in Hotel Novotel Budapest City**** can access the BCC from the Hotel also.

Budapest Congress Center

Phone: +36-1-372-5400
E-mail: bcc@accor.com
Address: Jagelló út 1–3, 1123 Budapest, Hungary
Web: www.bcc.hu

Hotel Novotel Budapest City****

Phone: +36-1-372-5400
E-mail: H0511@accor.com
Address: Alkotás utca 63–67, 1123 Budapest, Hungary

Conference Language

The official language of the Conference is English. No translation facilities will be provided.

Registration and Information

Opening Hours

Sunday	11:00–20:00
Monday–Wednesday	07:30–19:00
Thursday	08:00–16:00

On-Site Payment

On-site registration is also possible and credit card or cash payment will be accepted. The on-site registration fees of the Conference are as follows:

ECerS Members	EUR 880
Non-Members	EUR 990
Students (under age 35)	EUR 450
Accompanying Persons	EUR 280

The Conference registration fee includes:

- Attendance to all scientific sessions
- Conference bag with complete conference materials (pen, notepad, programme book, etc.)
- Coffee breaks and lunches during the conference days
- Admission to the Welcome Reception
- VAT is included

The accompanying fee includes:

- Accompanying persons do not actually participate at the Conference, i.e. they come with an active participant
- Admission to the Welcome Reception
- VAT is included

The registration fees include intermediated services.

Total value of catering included in the registration fee is 280 EUR (without service charges). The value of the intermediated services (such as catering, Gala Dinner) will appear of the advance payment invoice and on the final invoice.

The General Terms and Conditions can be found on the Conference website:

<https://ecers2017.org>

Questions

For inquiries relating to *ECerS2017* please contact the Conference Secretariat at: ecers2017@akcongress.com

Name Badges

Participants, accompanying persons and exhibitors are kindly requested to wear their name badge during all Conference events. Admittance to the scientific sessions will be refused if the required badge cannot be presented.

WiFi and Internet

A free network will be available in the whole building.
User name and password will be published at the registration desk.

ECerS2017 Mobile App

Bring the *ECerS2017* Conference to your fingertips.

Download the *ECerS2017* Conference Mobile App to your Android or iPhone, iPad device.



Mobile Phones

As a courtesy to our speakers and other attendees, please turn off your mobile during the sessions.

Certificate of Attendance

Participants will be given a Certificate of Attendance upon registration.

Currency

The unit of Hungarian currency is known as the Forint (HUF). Bills come in 20,000, 10,000, 5000, 2000, 1000, 500 HUF denominations, coins are 200 (two coloured, similar to €1), 100 (two coloured, similar to €2), 50, 20, 10, 5 HUF. Euro is now accepted at most hotels and some of the restaurants and shops. You can also use credit cards in major shops and larger restaurants.

EXPECT MORE

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- Excellent resistance to cyclic fatigue
- High strength and durability
- Exceptional hardness

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in physically demanding applications,

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Want to **KNOW MORE?**

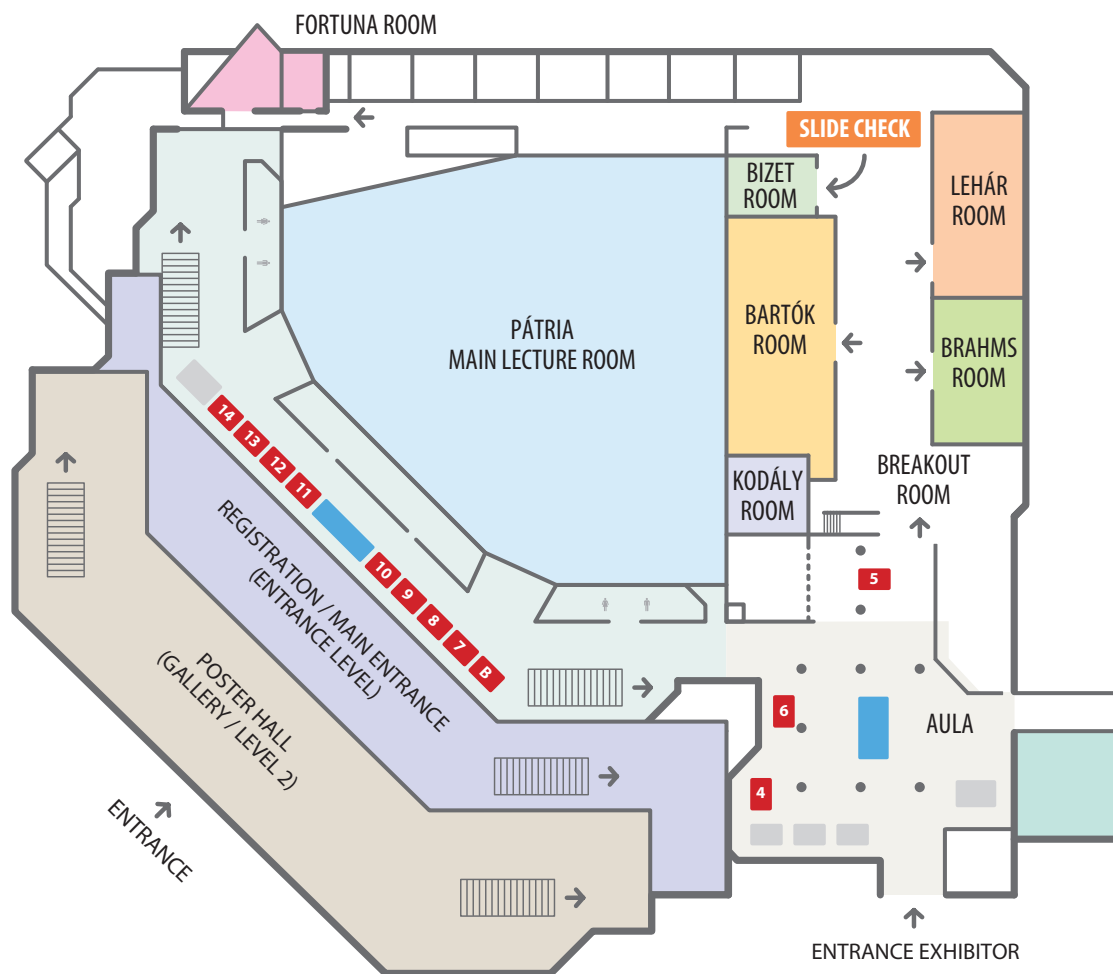
Meet the Innovnano team at **ECerS 2017** in Budapest (Booth 7)

info@innovnano-materials.com



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Floor Plan



LEGEND OF THE CONFERENCE VENUE

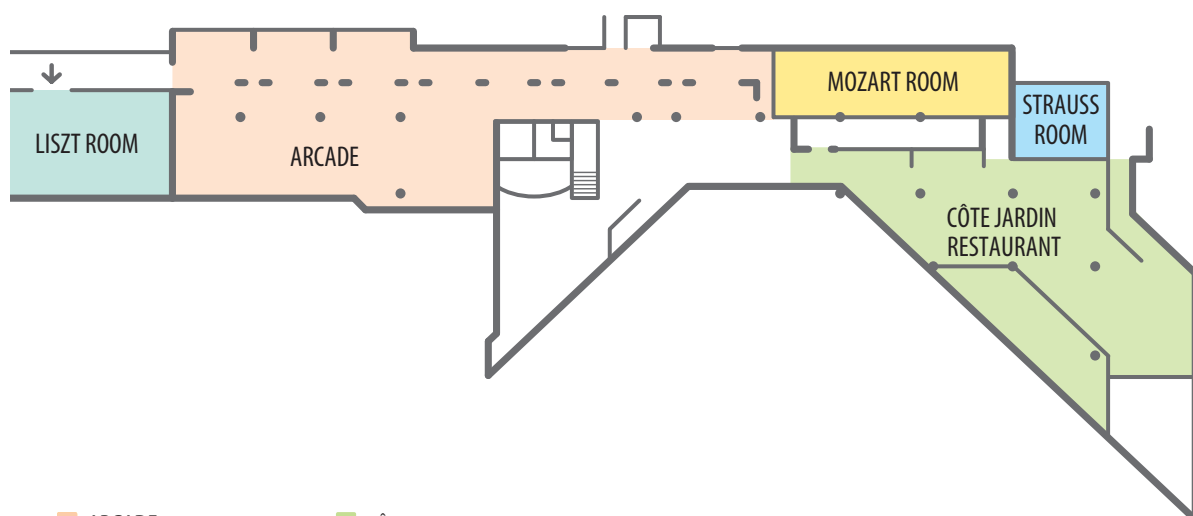
POSTER HALL / GALLERY	PÁTRIA LECTURE ROOM	BARTÓK ROOM I., II.	BRAHMS ROOM I., II.
ENTRANCE LEVEL / REGISTRATION	FORTUNA ROOM	KODÁLY ROOM	AULA / EXHIBITION
MIRROR CORRIDOR / EXHIBITION	BIZET ROOM / SLIDE CHECK	LEHÁR ROOM I., II.	LISZT ROOM I., II., III.

ECerS2017

EXHIBITORS

- BOOKED SPACE
- CATERING
- REGISTRATION (ENTRANCE LEVEL)

- 4 UBE
- 5 Lithoz
- 6 MAKESZ
- 7 Innovnano
- 8 3D Ceram
- 9 IMCE
- 10 PowderPro
- 11 SETARAM
- 12 Admatec
- 13 Union Process
- 14 EtimineAS
- B ECerS, ECJTrust Elsevier



- ARCADE
- MOZART ROOM I., II., III.
- STRAUSS ROOM
- CÔTE JARDIN RESTAURANT

Information for Presenters

All presentations should be based on the submitted abstract as accepted by the Organizing Committee.

Oral Presentations

Only PowerPoint presentations (ppt) or PDF files are accepted with slide aspect ratio of 4:3.

Please be aware, that the default slide size in PowerPoint 2013 and PowerPoint 2016 is widescreen (a 16:9 aspect ratio). However, you can resize your slides to 4:3.

Please bring your USB memory stick with your presentation on it, and upload your presentation to the computer in the Slide Check Room (in Room Bizet) preferably either in the morning if your talk is in the afternoon or the day before in case of a morning presentation, but **at least during the break before your session**. You are kindly asked to control the moving of your slides back and forth.

- All lecture rooms are equipped with a microphone, a projector, a screen, a remote control and a laptop with PowerPoint.
- Only single projection will be available in the lecture rooms.
- There will be a technician in each lecture room for assistance if needed.
- If you wish to show web pages, instead of live links to the Internet, please, use screen shots within your PowerPoint presentation.
- **Invited speakers** have been allocated **25 minutes** for their presentations including discussion.
- **Oral speakers** have been allocated **15 minutes** for their presentations including discussion.

The schedule is tight, therefore time discipline is compulsory.

The Slide Check Room with laptop and technical assistance is provided in Room Bizet.

Opening hours:

Sunday, July 9	12:00–19:00
Monday–Wednesday, July 10–12	07:30–19:00
Thursday, 13 July	07:30–16:00

Poster Presentations

Your poster should be **printed in size A0** (841 mm × 1189 mm) and be in **portrait orientation**. You will be given sticky tack/blue tack to affix your poster to the board.

- You must be next to your poster during the Poster Sessions in order to answer any questions.
- Posters will be viewed during the Poster Session indicated in the Conference Programme.
- Posters will be displayed on the Gallery Level.
- Poster boards will be organised by Topics and Identification Number (ID).
- Please take your poster tube with you and do not leave it next to your poster board since we cannot guarantee security and it also presents a potential health and safety issue.

Poster presentations will be organised by the following sessions:

Poster Session I. Tuesday, July 11, 2017, 17:00–19:00

POSTER HALL (Gallery / Level 2)

- T01: New developments in processing and synthesis with a special focus on additive manufacturing
- T02: High temperature processes and advanced sintering
- T03: Advanced structural ceramics
- T12: Art and ceramics

You can mount your poster from 08:00 on Monday, July 10, and posters are expected to remain up until the end of the Poster Session I. Posters must be taken down no later than 20:00 on Tuesday on July 11.

Poster Session II. Wednesday, July 12, 2017, 17:00–19:00

POSTER HALL (Gallery / Level 2)

- T04: Electroceramics and optical materials
- T05: Ceramics for novel energy conversion, storage and use
- T06: Ceramics and glasses for healthcare
- T07: Challenges and opportunities in industrial ceramics
- T08: The ceramics genome: modelling, simulation and *in-situ* experimentation
- T09: Boron-based ceramics
- T10: Cultural heritage
- T11: Refractories

You can mount your poster from 08:00 on Wednesday, July 12, and posters are expected to remain up until the end of the Poster Session II. Posters must be taken down no later than 16:00 on Thursday, July 13.

About Budapest

Budapest is famous not only for the monuments reflecting its own 1000-year-old culture, but also for the relics of others who settled here. Remains from both Roman occupation and much later ruled by the Turks can still be seen in the city. After the Ottoman Empire the union with Austria has a particular influence on the city's form and style.

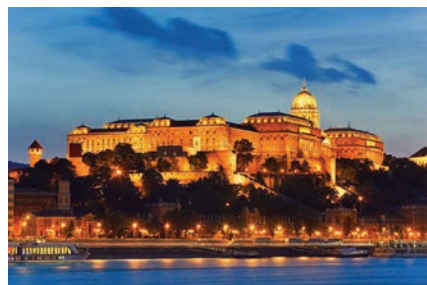
The capital has two sides, Buda and Pest, stretching along the banks of the Danube, representing two different characters of the city. Suburban Buda and its historic castle district offer medieval streets and houses, museums, caves and Roman ruins. The dynamic Pest side boasts the largest parliament building in Europe, riverside promenades, flea markets, bookstores, antique stores and café houses. Budapest has a lot to offer. Museums and galleries, churches and synagogues, palaces and historic buildings, baths and pools are presented together with the influence of Secession in the city. There is an unmistakable feeling that something out of the ordinary is just around the corner, but what it will be is up to you to find out...

Castle Hill

The Castle Hill – home to what you might call Buda's 'old town' – has been a cultural and strategic focal point of the city for centuries and was also the site of over 30 sieges. The inevitable damage resulted in several episodes of rebuilding, often reusing stones from the rubble and lending a fascinating mix of architectural styles to the district. The showpieces are the spectacular Matthias Church (*Mátyás-templom*) and the Buda Royal Palace to the south. In addition, the views over Pest from the Fishermen's Bastion will take your breath away.

Buda Royal Palace

The enormous building at the southern end of the Castle Hill has been the royal palace, in various styles and guises, since the 14th century. It was rebuilt 400 years later and required major reconstruction work after World War II. It now houses the Budapest History Museum, the Hungarian National Gallery and the National Széchenyi Library.



Fishermen's Bastion

The Fishermen's Bastion (*Halászbástya*) is often the first stop for tourists visiting Budapest, the fairytale turrets offering an elevated vantage point from which to view the city. The minarets and walls look medieval, but they were actually built in 1902 by Frigyes Schulek to complement Matthias Church.



The Chain Bridge

The Chain Bridge (*Lánchíd*) was the first permanent link between Buda and Pest and is a fitting monument to István Széchenyi – known as the 'Greatest Hungarian'. The bridge has a British connection too: it was designed by William Tierney Clark and constructed by Adam Clark, after whom the roundabout on the Buda side is named.



Parliament

The world's second largest parliament building is a postcard favourite, particularly when reflected in the River Danube below it. It is equally lavish on the inside, but tourists must be part of an organised sightseeing tour to enter.



Andrássy Avenue

It was named after the former Prime Minister, Count Gyula Andrássy, who had done much to make Budapest a true metropolis. He was determined that Budapest should have an elegant thoroughfare to emulate Paris's Champs Elysees. The cream of Eclectic architecture is to be seen along the Avenue including the outstanding Opera House and many beautiful tenement blocks with intimate inner courtyards, statues and fountains. One of the special features of Andrássy Avenue is barely visible on the surface. The only give-away is the occasional wrought iron balustrade leading underground. Europe's first sub-surface railway was built under the road, and the more than 120-year-old underground is still carrying passengers today along a line only slightly longer than the original.



Saint Stephen's Basilica

Named after Saint Stephen (*Szent István*) founder of the Hungarian Christian state, the basilica is visible from all over Budapest. The dome, at 315 ft (96 m) is the exact height as that of the Parliament, whose builders decided not to go higher.



The Great Synagogue

This synagogue is the second largest in the world (after the one in New York). It has three naves and is following orthodox tradition, with separate galleries for women. Together the naves and galleries can accommodate up to 3000 worshippers. It is also a focal point of Budapest's thriving Jewish community, which holds an annual festival in and around the impressive building. The Jewish Museum can also be found here, and the Holocaust Documentation and Memorial Centre is an important and powerful reminder of one of the darkest periods in European history.



Opera House

The Hungarian State Opera House is not only the sanctuary of music and dance, but also a historical monument. The construction started in 1875 with the permission and financial support of Franz Joseph, emperor of Austria and king of Hungary. The plans and personal instructions were conducted by Nicholas Ybl. The Opera House opened its gate to the public on September 27, 1884. The Opera House can be visited with a local guide every day at 14:00 (in English only), and at 15:00 and 16:00 in English, Spanish, French, German and Italian daily, and also in Russian and Japanese on certain days.



Heroes' Square

The statues on Heroes' Square (*Hősök tere*) are very much a who's who of Hungarian history (with the notable exception of the unpopular Habsburg monarchy, whose statues were removed and replaced) and its scale and grandeur is an indication of the pride Hungarians have for their country.



UBE HIGH PURITY SILICON NITRIDE POWDER (Si_3N_4) E SERIES (STANDARD GRADE)



FEATURES

- High purity
- Uniformity/sharpness of particle size
- High α -phase content

“

Made from silicon tetra-chloride and ammonia by the original Imide-decomposition technology.

Offering superiority in particle design with properties that can affect favorable microstructural characteristics.

”

BENEFITS

Outstanding properties, which are required for the final application such as:

- Excellent strength over a wide temperature range
- Good thermal shock characteristics
- High fracture toughness and hardness
- Increase of productivity
- Reduction of defective products

Social Programmes

Welcome Reception

At the Welcome Reception guests have the opportunity to get acquainted with the venue and meet the participants of the Conference. Snacks and refreshments will be served. During the welcome reception we will introduce you to Hungarian folk dance and music by the Bartók Folk Dance Group.

Date: Sunday, July 9, 19:30–21:30

Location: Budapest Congress Centre (Conference venue) Room PÁTRIA

Price: included in the registration fee

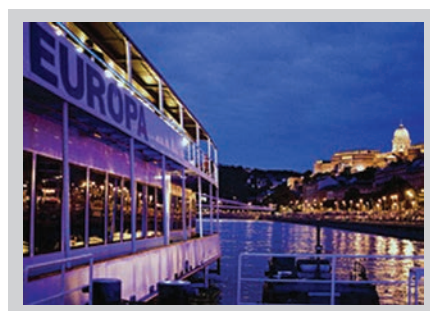
Conference Gala Dinner on EUROPA Boat

Conference Participants are invited to join the Gala Dinner cruise on EUROPA Boat, the largest Hungarian ship on the Danube.

Date: Wednesday, July 12, 20:00–23:00

Price: 80 EUR

Pre-registration for the Gala Dinner is required.
On-site registration for the Gala Dinner is available only in limited number.



Bus transfer from the Conference venue to the port will be organised and included in the price.

IMPORTANT

Meeting point for bus transfer:

19:15, Entrance of Budapest Congress Centre (Conference Venue)

Please make sure you arrive to the meeting point on time.

Individual travel from the Congress Centre to the port is not recommended.

The *ECerS* Fellowship Ceremony will be organised during the Gala Dinner. In addition, as a cultural highlight Hungarian folk music will be illustrated by Gardon Band. They will introduce traditional musical instruments, such as the gardon, the koboz or the shepherd's flute.

ADMATEC

Additive Manufacturing Technologies

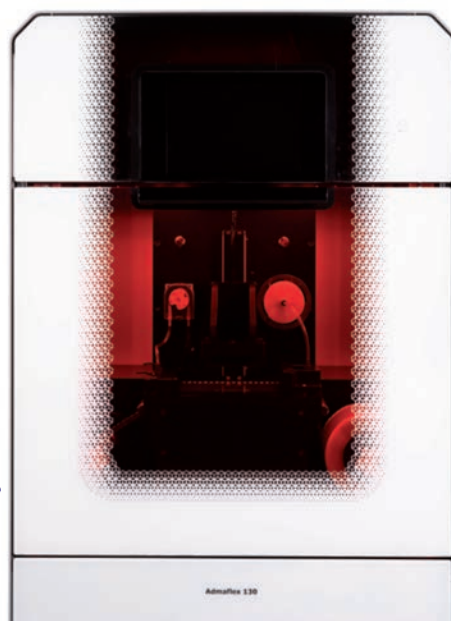
High-speed precision printing of 3D ceramics

The ADMAFLEX 130's advanced technology enables printing speeds of 10-15 mm p/hour, while an innovative material reconditioning system minimizes waste to none. The integrated full HD LED engine allows large surface printing without compromising resolution. An adaptive touchscreen provides the user with layer-to-layer control and the system's protective housing optimizes the 3D printing process.

Come meet us at booth 12 to see the ADMAFLEX 130 running live and learn more about:

- flexibility of design
- in-house developed printing resins
- shaping smooth surfaced, fine detailed products

Also, join our presentation during the SE2 Smart Manufacturing Systems for Industry-session on Sunday 9 July



Conference Topics

T01: New developments in processing and synthesis with a special focus on additive manufacturing

This symposium will review the current state of advanced processing methods for ceramics, including advanced, technical ceramics, silicate ceramics and refractories. Focuses will be placed on new developments in concepts and technologies for powder synthesis, forming, sintering and additive manufacturing.

Topic Sessions:

- Powder synthesis
- Novel and advanced forming methods
- Novel and advanced sintering methods
- Additive manufacturing

Topic Chairs:

Jens Günster

Head of Division, Ceramic Processing and Biomaterials, Federal Institute for Materials Research and Testing BAM, Berlin, Germany



Farid Akhtar

Associate Professor, Luleå University of Technology, Luleå, Sweden



Topic Members:

Raj Bordia

Materials Science and Engineering, Clemson University, Clemson, USA

Paolo Colombo

Centre for Mechanics of Biological Materials, University of Padova, Padova, Italy

Rodrigo Moreno

Spanish National Research Council, Madrid, Spain

Tatsuki Ohji

National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan

Wei Pan

State Key Lab of New Ceramics and Fine Processing, Tsinghua University, Beijing, China

Ender Suvaci

Material Science and Engineering Department, Anadolu University, Eskişehir, Turkey

T02: High temperature processes and advanced sintering

High-tech ceramics offer a variety of outstanding physical and mechanical properties but their behaviour critically depend on the microstructure which should be carefully tailored to develop specific sets of properties. Conventional sintering of highly refractory ceramics is usually carried out at very high-temperature to obtain density close to the theoretical one, often at the expenses of microstructural control. The consolidation of nano-crystalline powders to fully dense nanostructured specimens is still a challenge, due to the difficulties of retaining the starting grain size during sintering. In composites, degradation of reinforcing phases such as carbon fibers, whiskers, graphene is an issue when the temperature required for the starting matrix densification is significantly higher than the stability of the reinforcing phase.

Nowadays, novel high temperature processes and sintering techniques are available allowing effective densification of highly refractory materials as well as control of interface reactions and microstructure. Very often, scale up of components thermally treated by these nonconventional techniques is an issue. Additional aspects to be considered are “green technologies” able to reduce the energy consumption and the process time as compared to conventional techniques. Joining of ceramics is another critical area of research where advanced temperature processes may lead to significant improvement of performance.

This topic will thus cover recent progress, challenges and emerging approaches of non-conventional high temperature processes or novel sintering techniques, capable of retaining the microstructure to a fine scale and of limiting unwanted interface reactions as much as possible; bulk scale-up issues; high temperature processing for joining.

Topic Sessions:

- Basics of sintering, sintering models
- Improved materials through advanced sintering
- Non-conventional sintering techniques (SPS, flash sintering)
- Infiltration techniques (RMI, M-CVI)
- Joining

Topic Chairs:

Diletta Sciti

*Research Project Leader,
Structural ceramics, Institute
of Science and Technology
for Ceramics (ISTEC-CNR),
Faenza, Italy*



Csaba Balázs

*Scientific Advisor,
Centre for Energy
Research, Hungarian
Academy of Sciences,
Budapest, Hungary*



Topic Members:

Jon Binner

*College of Engineering and Physical Sciences,
University of Birmingham, Birmingham, UK*

Ricardo Castro

*Department of Materials Science and Engineering,
Kemper Hall University of California, Davis, USA*

Erica Corral

*College of Engineering, University of Arizona,
Tucson, USA*

Dusan Galusek

*Vitrum Laugaricio – Joint Glass Center of the
Institute of Inorganic Chemistry, Trencin, Slovakia*

Pavol Hvizdos

*Institute of Materials Science,
Slovak Academy of Sciences,
Kosice, Slovakia*

Karel Maca

*Department of Ceramics and Polymers,
FME, Brno University of Technology,
Brno, Czech Republic*

Carolina Tallon

*Materials Science & Engineering, Virginia Tech,
Blacksburg, USA*

T03: Advanced structural ceramics

Advanced structural ceramics are key materials in a multitude of applications in the automotive, aerospace, electrical, military and medical sectors for example. New areas such as energy generation and environmental technology combined with more ambitious specifications have increased the demand for novel ceramics featuring improved properties and functionality whilst making manufacturing processes more efficient. The central requirement is for strong, reliable components operating without degradation under mechanical load, in abrasive or corrosive environments and/or under high temperatures.

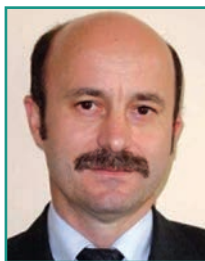
Topic Sessions:

- Novel processing
- Microstructure-property relationships
- Ceramics for extreme conditions
- Oxide and non-oxide structural ceramics
- Ceramic composites
- Bioceramics
- Bioinspired structural ceramics
- Advanced ceramic coatings
- Testing and characterisation of advanced ceramics
- Impact and tribological behaviour
- High temperature properties and superplastic ceramics
- Structural ceramics for energy, nuclear and environmental applications

Topic Chairs:

Zoltán Lenčéš

Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia



Richard Todd

Department of Materials, University of Oxford, Oxford, UK



Topic Members:

Carmen Baudín

Instituto de Cerámica y Vidrio, CSIC, Spain

Raúl Bermejo

Institut für Struktur- und Funktionskeramik, Montan University, Leoben, Austria

Rachman Chaim

Israel Institute of Technology, Haifa, Israel

Thomas Graule

EMPA, Dübendorf, Switzerland

Stuart Hampshire

Materials and Surface Science Institute, University of Limerick, Ireland

Cengiz Kaya

Research and Graduate Policies at Sabanci University, Istanbul, Turkey

Hagen Klemm

Fraunhofer-Institut für Keramische Technologien und Systeme IKTS, Dresden, Germany

T04: Electroceramics and optical materials

Functional ceramic materials with tunable electrical and optical properties are of high technological importance in view of their promising applications in a wide range of fields. This symposium will focus on the processing, characterization and device applications of novel electroceramics, glass-ceramic and optical ceramic materials. A particular emphasis will be placed on the fundamental issues to advance our understanding and utilization of glass-ceramics and optical ceramics and integrated related devices. Besides new fundamental insights, novel and emerging processing techniques to fabricate transparent glasses and electroceramics, novel application areas together with advances in phenomenological modeling will form the focus of this topic.

Topic Sessions:

- Optical and electronic materials and devices
- Functional ionic, electronic and mixed conductors
- Multiferroics, Ferroelectrics, piezoelectrics and dielectrics
- Defect chemistry and transport in powders and thin films of electroceramics

- Modelling, simulation and improved characterization techniques
- New techniques for fabrication of optical and electrical coatings
- Novel concepts of materials and engineering
- *In-situ* characterization of atomistic structures and processes

Topic Chairs:

Vincenzo Buscaglia

Senior Researcher, Institute for Condensed Matter Chemistry and Technologies for Energy, ICMATE-CNR, Rome, Italy



Sanjay Mathur

Professor & Director, Institute of Inorganic and Materials Chemistry, University of Cologne, Cologne, Germany



Topic Members:

Adrian Goldstein

Israel Ceramic and Silicate Institute, Technion City, Haifa, Israel

Eung Soo Kim

Kyonggi University, Seoul, Korea

Rosa I. Merino

Instituto de Ciencia de Materiales de Aragón, Zaragoza, Spain

Macit Ozenbas

Middle East Technical University, Ankara, Turkey

Vladimir V. Srdic

University of Novi Sad, Novi Sad, Serbia

Danilo Suvorov

Jozef Stefan Institute, Ljubljana, Slovenia

Rong-Jun Xie

National Institute for Materials Science, Tsukuba, Japan

T05: Ceramics for novel energy conversion, storage and use

This topic will cover the ceramic and glass solutions for energy harvesting and storage expects contributions from a wide range of subjects related to batteries, thermoelectrics, fuel cells, photovoltaics and solar devices, steam electrolyzers, membranes, electrochemical systems and technologies. The scope of this topic includes the performance-synthesis and processing-properties-crystal structure and characterization relationship for these materials and devices. Specific components include electrodes, electrolytes, electrochemical membranes, catalysts, substrates, seals, interconnects or interfacial layers and semiconductors. Testing of single components, stacks, alternative system concepts, harvesting and recycling technologies are also considered within the scope of this topic.

Topic Sessions:

- Li- and Na-ion batteries including solid state
- Photovoltaics and solar energy
- Memresistors and thermoelectric materials
- Ceramic proton conductors and PCFCS
- Steam electrolysis and hydrogen production
- Solid oxide fuel cells
- Oxygen transport membranes and CO₂ capture
- Supercapacitors
- Energy and photonic devices
- Solar fuels/artificial photosynthesis: materials and devices

Topic Chairs:

Pierre-Marie Geffroy

*Research Assistant, SPCTS
– European Ceramic Center
University of Limoges, Limoges,
France*



Servet Turan

*Professor, Department
of Materials Science and
Engineering, Anadolulu
University, Eskisehir,
Turkey*



Topic Members:

José Manuel Serra Alfaro

Institute of Chemical Technology, Valencia, Spain

John Kilner

*Faculty of Engineering, Imperial College London,
London, UK*

Hua-Tay Lin

*Guangdong University of Technology,
Guangdong, China*

Truls Norby

*The Faculty of Mathematics and Natural Science,
University of Oslo, Oslo, Norway*

Mamoru Senna

Keio University, Tokyo, Japan

Angelo Vaccari

*Department of Industrial Chemistry,
University of Bologna, Italy*

T06: Ceramics and glasses for healthcare

Ceramics and glasses have long been considered as materials for healthcare. They are commonly used in orthopaedic surgery and dentistry but they are potentially suitable for a wide range of important applications within the medical device industry. In orthopaedics, ceramics play a pivotal role as they are increasingly used for the manufacturing of femoral

heads and cups for total hip replacement. In addition, they have been used as materials for artificial heart valves, bone fillers and more recently, for dental restorations. Moreover, a number of compositions in the frame of bioactive ceramics are currently used as coatings for metallic devices, promoting the formation of natural bone tissue and thus favouring their integration into hard tissues. Ceramic particles, microspheres, and nanostructures play a role in the cancer treatment. Besides such applications, the trend today is to widespread their use as scaffolds for tissue engineering, as carriers for drug release as dental implants and, finally, as nanostructures for cancer diagnostic and therapy. Most of such applications are the results of the important advances which have been made along the past few years both on bio-inert and bio-active ceramics, glasses and glass ceramics, and on the ceramic products themselves. New bioceramics with improved mechanical and biological performances (as it is the case of zirconia-based composites or more recently non-oxide ceramics) have been developed. At the same time, ceramics and composites (including organic-inorganic composites) for bone substitute or scaffold applications are currently developed, improving the interaction of the ceramics with both cells and living tissues. Furthermore, the latest technological advances allow their manufacturing by innovative 3D techniques, to create multi-scale, hierarchical materials. The latest achievements are also dedicated to low temperature syntheses, bio-mineralization, surface modifications of implants, or to the grafting of inorganic micro- and nano-spheres with biomolecules to promote biological interactions. In this frame, long-lasting and bioresorbable/ osteo-inductive scaffolds are the ultimate goals.

Topic Sessions:

- New findings in the field of ceramics for orthopaedic, dental, cardiovascular and cancer treatments
- Applications in regenerative medicine and drug delivery
- New material design, on new compositions in ceramics for healthcare
- Materials with improved bio-mechanical properties, innovative approaches to processing and characterization
- *In-vitro* and *in-vivo* studies of bioceramics

Topic Chairs:

José M.F. Ferreira

*Associate Professor,
Department of Materials and
Ceramic Engineering, CICECO,
University of Aveiro, Aveiro,
Portugal*



Francis J. Cambier

*Director General, Belgian
Ceramic Research Centre,
Mons, Belgium*



Topic Members:

Maria Pau Ginebra

*Department of Materials Science and Metallurgy,
Technical University of Catalonia (UPC), Barcelona,
Spain*

Ashutosh Goel

*Materials Science and Engineering, Rutgers, The
State University of New Jersey, Piscataway, USA*

Anne Leriche

*University of Valenciennes
et du Hainaut-Chambrésis, Maubeuge, France*

Paola Palmero

*Department of Applied Science and Technology,
Politecnico di Torino, Torino, Italy*

George E. Stan

*National Institute of Materials Physics,
Bucarest-Măgurele, Romania*

Antonio Tilocca

*Department of Chemistry, University College
London, London, UK*

T07: Challenges and opportunities in industrial ceramics

This topic is focused on various challenges and opportunities in design, fabrication, and testing of industrial ceramics, silicates and composites. Main aim is to demonstrate the ceramic component manufacturing and integration technology for developing of creative, ceramics-oriented solutions for industrial applications to meet the needs and the expectations of the industries from the ceramic, glass and refractory sectors in the broader sense (producers, users and integrators).

Topic Sessions:

- Risk related establishment of processes and/or emerging materials
- Innovation and future technological needs
- Developing tools for industry
- Methodology to current and future industrial needs
- Enabling collaboration between ceramist and professionals in industry

Topic Chairs:

Maria Chiara Bignozzi

*Director, Ceramic Centre,
Professor, University of
Bologna, Bologna, Italy*



Alpagut Kara

*Professor, Anadolu
University, Anadolu,
Turkey*



Topic Members:

Jean-André Alary

Imerys C.A.R.R.D., Villach, Austria

Rusmadiyah Anwar

*Formgiving Design Research Group,
Faculty of Art and Design, MARA University of
Technology, Shah Alam, Malaysia*

Adriano Michael Bernardin

*Ceramic Materials Group, UNESC,
Santa Catarina, Brazil*

Enrico Bernardo

*Department of Industrial Engineering,
University of Padova, Padova, Italy*

Francis Cambier

*Belgian Ceramic Research Centre,
Mons, Belgium*

João Labrincha

*Department of Materials and Ceramic Engineering,
University of Aveiro, Aveiro, Portugal*

Maximina Romero

Spanish National Research Council, Madrid, Spain

Amin Salem

*Chemical Engineering Department, Sahand
University of Technology, Tabriz, Iran*

Igor Štubňa

*Department of Physics, Constantine the Philosopher
University, Nitra, Slovakia*

Moritz von Witzleben

Inmatec Technologies, Rheinbach, Germany

Yifei Zhang

Morgan Advanced Materials, Stourport-on-Severn, UK

T08: The ceramics genome: modelling, simulation and *in-situ* experimentation

Key societal concerns, such as sustainable consumption, and the low carbon economy, motivate the need for new, innovative ceramic materials. To answer this challenge, we can accelerate the development of new ceramic materials with unique properties through the predictive power of simulations (e.g. DFT calculations, phase field simulation) combined with experimental studies, which are able to determine the microstructure as well its evolution during processing as well as operation. For this topical symposium, we invite contributions to a discussion on developing the ceramics genome via *in-situ* experimentation and computational modeling and simulation.

Topic Sessions:

- Atomistic structure and bonding behaviour of ceramics
- Microstructural evolution driven by temperature, electrical bias, mechanical stress, or magnetic field
- In-operando studies of ceramic-based materials and devices
- Novel ceramics & compounds for energy generation and storage
- New developments and application of *in-situ* experimentation
- Computational modeling and simulation of structural dynamics

- High throughput experiments relating ceramic structure and properties
- Managing big data – tools and methods
- Materials data discovery

Topic Chairs:

Ehrenfried Zschech

Division Director, Institute for Ceramic Technologies and Systems IKTS, Dresden, Germany



Katalin Balázsi

Head of Thin Film Physics Department, Institute for Technical Physics and Materials Science, Centre for Energy Research, Hungarian Academy of Sciences, Budapest, Hungary



Topic Members:

Wai-Yim Ching

Department of Physics and Astronomy, University of Missouri – Kansas City, Kansas City, USA

Vojislav V. Mitic

Faculty of Electronic Engineering, University of Nis, Nis, Serbia

Diego Gómez García

Universidad de Sevilla, Sevilla, Spain

Cekdar Vakifahmetoglu

Department of Mechanical Engineering, Istanbul Kemerburgaz University, Istanbul, Turkey

T09: Boron-based ceramics

Boron-based ceramics show a unique combination of properties based on special crystal structures, atomic bonding as well as the microstructure formed during sintering. These result in lightweight materials of high hardness, high elastic modulus but low density and usually with high melting temperatures. Beside these special electric properties were observed for different borides. These unique properties result in a wide range of applications from armour materials, nuclear applications up to thermoelectrics, refractories and many others.

The topic will cover both fundamental and applied aspects of preparation microstructure formation, properties and application of boron-containing ceramics materials.

Topic Sessions:

- Fundamental aspects of boron physics, structure and chemistry
- Production of boron-containing ceramic powders
- Processing and consolidation of boron-containing ceramic powders
- Synthesis and characterization of boron-containing ceramic coatings

- Boron-containing composite materials, polymers, nitrides, oxides and their applications
- Boron ceramics in medicine – design and synthesis
- Boron ceramics in nuclear applications – design and synthesis

Topic Chairs:

Onuralp Yücel

Professor, Metallurgical and Materials Engineering Department, Istanbul Technical University, Istanbul, Turkey



Mathias Herrmann

Head of Department Sintering and Characterization, Fraunhofer Institute for Ceramic Technologies and Systems IKTS, Dresden, Germany



Topic Members:

Samuel Bernard

Institut de Chimie (INC), French National Centre for Scientific Research, Paris, France

Ali Erdemir

Argonne National Laboratory, Argonne, USA

William G. Fahrenholtz

Materials Science & Engineering, Missouri University of Science and Technology, Rolla, USA

Serdar Ozbayraktar

Element Six, Johannesburg, South Africa

T10: Cultural heritage

One of the oldest materials used in the world is ceramic pottery. Potteries or ceramics became unique daily used materials since the establishment of civilizations. They have been produced in wide varieties of bodies, with glazes in different colours and decorations. *ECerS2017* focuses on the topics of technology, provenance, dating, restoration and conservation of archaeological ceramics and other related materials. Cultural Heritage session of the congress will be composed of the themes given below.

Topic Sessions:

- Ceramics, glazes, glass and vitreous materials (technology and provenance)
- Metallurgical ceramics (technology and provenance)
- Stone, mortar and pigments (technology and provenance)
- Archaeochronometry (dating)
- Ceramics, glazes, glass, paint and coroplastic art in archaeology
- Restoration and conservation of archaeological ceramics and glass
- Others (characterization techniques applied in art and archaeometry, research studies on the development of characterization techniques used in archaeometry, etc.)

Topic Chairs:**Philippe Colombar**

*Research Professor, CNRS –
Centre National
de la Recherche Scientifique,
Sorbonne Universités,
Paris, France*

**Ljiljana Damjanovic**

*Associate Professor, Faculty
of Physical Chemistry,
University of Belgrade,
Belgrade, Serbia*

**Topic Members:****Luís Filipe Vieira Ferreira**

*Instituto Superior Técnico, University of Lisbon,
Portugal*

Ali İssi

Dumlupınar Üniversitesi, Dumlupınar, Turkey

Giuseppina Padeletti

*CNR ISMN, Istituto per lo Studio dei Materiali
Nanostrutturati, Rome, Italy*

Trinitat Pradell

*Department of Physics, Escola Superior d'Agricultura
de Barcelona (ESAB), Universitat Politècnica de
Catalunya, Barcelona, Spain*

Peter Vandenabeele

*Department of Archaeology, Ghent University,
Ghent, Belgium*

T11: Refractories

Refractories are commonly used in several industries like Iron and Steel, Cement, Glass, None-Ferrous Metals, Petrochemical, Power, Environmental, Aerospace and so on. Refractory materials are required being heat, thermal stress, abrasion, chemical agents and other physical phenomena induced by heat resistant. Additionally, they should possess good insulating properties that improve the energy savings in the industry.

Topic Sessions:

- Fundamentals of refractories knowledge: science, technology and processing
- Refractories used under different working environments
- Progress and further perspective of refractories

Topic Chairs:**Suat Yilmaz**

*Professor, Department of
Metallurgical and Materials
Engineering, Istanbul
University, Istanbul, Turkey*

**Jacek Szczerba**

*Professor, AGH University
of Science and Technology,
Krakow, Poland*



Topic Members:

Christos G. Aneziris

*Institut für Keramik, Glas- und Baustofftechnik,
Freiberg, Germany*

Antonio H. de Aza

Instituto de Cerámica y Vidrio-CSIC, Madrid, Spain

Swapan Kumar Das

*Central Glass and Ceramics Research Institute,
Kolkata, India*

Victor C. Pandolfelli

Federal University of Sao Carlos, Sao Carlos, Brazil

T12: Art and ceramics

The aim of the topic is the interconnection of materials, transformation of ceramic process to art. The topic will bring together international ceramic artists and specialists from the universities, crafts and institutions share their view and present their thoughts of future developments in ceramics art.

Topic Sessions:

- Art
- Design
- Technology
- Reconsideration of new ceramics

Topic Chairs:

Wilhelm Siemen

*Director, Porzellanikon –
Staatliches Museum
für Porzellan, Hohenberg a. d.
Eger, Selb, Germany*



Beril Anılanmert

*Professor, Faculty of Fine
Arts, Industrial Product
Design, Isik University,
Istanbul, Turkey*



Topic Members:

María Pilar Alonso Abad

Universidad de Burgos, Spain

Biba Djordjević

National Museum in Belgrade, Belgrade, Serbia

György Fusz

*Faculty of Music and Visual Arts, Institute of Media
and Applied Arts, University of Pécs, Pécs, Hungary*

Zsolt Gyarmati

Szekler Museum of Ciuc, Miercurea Ciuc, Romania

István Ködmön

Herend Porcelain, Herend, Hungary

Marc Leuthold

*Art Department, SUNY-Potsdam, Potsdam,
New York, USA*

Steve Mattison

*International Ceramic Studio, Kecskemét,
Hungary*

Michal Moore

University of Ulster, London, UK

John Tynan

*Design & Crafts Council of Ireland (DCCol),
Castle Yard, Kilkenny, Ireland*



J ECS Trust

Journal of European Ceramic Society Trust

Your ceramics research in Europe; can we help?

The Journal of ECerS (J ECS) Trust was formally set up in December 2007 to oversee the expenditure of funds passed on to the European Ceramic Society (ECerS) by the Society 's Journal and by its publisher, Elsevier. In its allocation of the Trust 's resources, the Trust Council aims :

- To enable the European Ceramic Societies to engage in a broad range of activities for the benefit of their membership.
- To strengthen research and teaching in Europe within the subject of ceramics
- To maintain and build on the current strong research reputation of the Journal

The main focus in the expenditure of the JECS Trust money is towards student/young researcher activities, but not exclusively so.



Examples of activities that can be supported :

- Funding of visits by individual researchers to other laboratories within Europe for the purposes of learning new techniques or accessing equipment not available in their own laboratories.
- Events such as workshops which are specifically aimed at students/early stage researchers/high school teachers.
- Workshops on topical research areas likely to result in high quality papers for publication in the Journal of ECerS.

Deadlines:

31st of May and 30th of November every year

Applicants wishing to receive financial support from the JECS Trust should submit their bids electronically to the Journal of ECerS Trust secretariat. Decision on awards are taken by the Board of the JECS Trust.

**Bids are submitted electronically to the JECS
Trust secretariat**

The application form can be downloaded on

www.jecstrust.org

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Belgium
tel. +32 65 40 34 21
ecers@bcrc.be

Official Conference Programme

OPENING CEREMONY

Chairs: Csaba Balázs, Servet Turan

Room PÁTRIA, Monday, July 10, 08:15–08:35

PLENARY LECTURES

Chair: Moritz von Witzleben

Room PÁTRIA, Monday, July 10, 08:35–09:10

Pavol Šajgalík

**Silicon nitride – a promising candidate
for the bioactive composite implants**

President of ECerS

President of the Slovak Academy of Sciences, Bratislava, Slovakia



Pavol Šajgalík is the President of the Slovak Academy of Sciences (since 2015) and simultaneously Head of the Ceramics Department at the Institute of Inorganic Chemistry, Slovak Academy of Sciences (since 1999). Primarily his research is focused on the research and development of non-oxide and oxide high performance ceramics. Main interest of his research is the relationship between microstructure and mechanical properties of these materials. In 1990 he obtained the Alexander von Humboldt fellowship and had spent almost two years in Max-Planck-Institute for Metal Research in Stuttgart, Germany. Subsequently he stayed several times at the University of Karlsruhe, Germany, AIST Nagoya, Japan, and Rensselaer Polytechnic Institute, USA as a visiting scientist/professor. He served as an external lecturer at the Slovak University of Technology in Bratislava. He has been the organizer of many international conferences, he regularly organizes workshop on Engineering Ceramics. He has been a leader of many international projects. He is a president of the European Ceramic Society, a member of the American and Japan Ceramic Societies, a president of the Slovak Silicate Society, a member elect of the World Academy of Ceramics and a Fellow of the American Ceramic Society. In 2007 he was awarded as a Scientist of the Year in the Slovak Republic. In 2015 he was awarded the Slovak State decoration: Order of the Ľudovít Štúr of III. Class. He is the author of more than 170 papers, co-editor of 8 proceedings, guest editor of 4 special issues of the professional journals, co-author of 2 monographs.

Room PÁTRIA, Monday, July 10, 09:10–09:45

Mrityunjay Singh

Multiscale Integration Challenges in Alternative and Renewable Energy Systems

*Immediate Past-President, The American Ceramic Society
Chief Scientist, Ohio Aerospace Institute, Cleveland, Ohio, USA*



Dr. M. Singh is Chief Scientist at OAI and served as the President of the American Ceramic Society during 2015–2016. He is Governor of Acta Materialia, Inc., and Academician of the World Academy of Ceramics, Italy, where he currently serves as Vice President of the International Advisory Board of the academy. The recipient of more than 65 national and international awards and prizes worldwide which includes many honorary and distinguished life memberships/fellowships, honorary professorships and doctorates, Dr. Singh is editor/co-editor of 55 books and proceedings; 7 special journal volumes; author/co-author of 14 book chapters; and more than 275 papers in various journals and proceedings. He has delivered numerous keynote and plenary presentations in international conferences, forums, and workshops, and serves on the advisory boards and committees of more than fifteen prestigious international journals and technical publications.



NON-DESTRUCTIVE MATERIALS CHARACTERIZATION

IMCE NV is specialized in the development and production of measuring equipment in order to determine the mechanical material properties at room temperature and at elevated temperatures up to 1700 °C.

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JECS TRUST AWARDS CEREMONY

Room PÁTRIA, Monday, July 10, 9:45–10:45

Chairs: Anne Leriche, Richard Todd

JECS Trust Award

Room PÁTRIA, Monday, July 10, 9:55–10:35

Rodrigo Moreno

Better ceramics through colloid-chemistry

Institute of Ceramics & Glass, Synthesis and Colloidal Processing Group, Spain



Dr. Rodrigo Moreno obtained the PhD degree in Chemistry by Universidad Autónoma de Madrid in 1988. He has developed all his scientific activity at the Institute of Ceramics & Glass (CSIC, Spain), where he became Tenured Scientist in 1990, Research Scientist in 1999, and Research Professor in 2004, position that he maintains currently. He is the leader of the Synthesis and Colloidal Processing Group of ICV from 2005. His main interest lies on the synthesis of ceramic powders, the colloidal stability and rheology of ceramic suspensions, and the manufacture of structural and functional materials by colloidal processing techniques.

He is co-author of more than 360 articles (260 in journals included in SCI), 9 patents, several book chapters, and one book. He has been member of the organization committees of around 50 national and international conferences and has pronounced more than 60 invited lectures. Prof. Moreno is member of the Spanish Ceramic Society, the Spanish Society of Materials, and the American Ceramic Society. He maintains a very active work in the Journal of the European Ceramic Society, where he has published more than 80 papers and is currently one of the editors. He was distinguished as a Fellow of the European Ceramic Society in 2015.

JECS Best Paper Award

Haibo Zhang

Preparation and enhanced electrical properties of grain-oriented $(\text{Bi}_{1/2}\text{Na}_{1/2})\text{TiO}_3$ -based lead-free incipient piezoceramics

School of Materials Science and Engineering, Huazhong University of Science and Technology, China



The paper was published in the Journal of the European Ceramic Society 35 (2015) 2501–2512.

Haibo Zhang is an associate professor in School of materials science and Engineering at Huazhong University of Science and Technology, Wuhan China. Haibo Zhang received his bachelor's degree in Microelectronics and Solid State Electronics from Huazhong University of Science and Technology in 2003. He obtained his Ph.D. degree from Huazhong University of Science and Technology in 2008 concerning the preparation and characterization of BNT based lead free piezoelectric thick films. He joined the Research Laboratory of Hydrothermal Chemistry, Faculty of Science, Kochi University, Japan in 2008, and has been a postdoctoral researcher for two and a half years in Kochi University Japan. Zhang got a faculty position in School of Materials Science and Engineering at Huazhong University of Science and Technology in 2011. From 2012 to 2014, he worked as a Humboldt Research Fellow with Professor Jürgen Rödel in Institute of materials science at Technique University of Darmstadt, Germany. Since 2014 he works as an associate professor in School of materials science and Engineering at Huazhong University of Science and Technology, Wuhan China. He has published over 60 peer-reviewed SCI research papers and had 10 Chinese patents. Zhang's research interests include (i) lead-free piezo- and ferroelectrics materials, (ii) preparation and characterization of piezoelectric multilayer actuators and transducers. His current research concerns the mechanisms of ferroelectric-relaxor composite ceramics. He is member of the Chinese Ceramic Society.

ECerS AWARD CEREMONY

Room PÁTRIA, Wednesday, July 12, 14:30–17:00

Chair: Pavol Šajgalík

Stuijts Award

Room PÁTRIA, Wednesday, July 12, 14:40–15:15

Anne Leriche

Ceramics for better healthcare

*University of Valenciennes and Hainaut Cambrésis,
Laboratory of Ceramics and Associated Processes, France*



Anne Leriche is a full professor at the University of Valenciennes and Hainaut Cambrésis – “Laboratory of Ceramics and Associated Processes” (LMCPA) in Maubeuge, France.

She got an M.Sc. in Chemistry in 1981 and the Doctorate of Sciences in 1986, both with honors from the State University of Mons, Belgium. She obtained the diploma “Habilitation to supervise researches” in 1992 from the University of Valenciennes (France).

She obtained a grant to start her doctorate thesis from a Belgian institution (1981–1983) then became successively researcher at the Belgian Ceramic Research Centre in Mons (1983–1989) and R&D head of a start-up company Neoceram SA (1989–1990). In 1990, Anne Leriche joined the LMCPA at the University of Valenciennes as researcher. She has been Lecturer from 1991 to September 1994, then Reader and finally full Professor in 2006. She has been Director of the LMCPA lab from September 1999 to September 2016. She received a French Education Award called “Chevalier” (knight) “Palmes académiques”.

During her career, Anne Leriche supervised 20 theses, participated to several European projects and published more than 150 papers. She was editor of 1 book and 3 book chapters and is co-author of 4 patents. She presented a lot of oral talks and 17 invited conferences in several countries (Europe, China, Korea and the USA). She was lecturer in 3 International and 2 National Ceramic Schools and organized 4 international conferences.

Her main research fields concerns the synthesis and characterization of ceramic matrix composites (zirconia toughened alumina, mullite-zirconia by reaction sintering, silicon carbide reinforcement of various matrix, nanocomposites). She has been also active in the development of processes as assisted sintering methods using pressure or microwave, etc. for thermomechanical ceramics and bioceramics. Recent works concern the functionalization of bioceramics.

Anne Leriche is currently President of the JECS Trust, Treasurer of the French Ceramic Society, Past-President of the French Ceramic Society after 10 years of presidency (2006–2016), Past-President of the European Ceramic Society and member of the Belgium Ceramic Society board. She was entitled “fellow of ECerS” in 2013 and was elected to the World Academy of Ceramics in 2011.

Richard Brook Award

Room PÁTRIA, Wednesday, July 12, 15:15–15:50

Kathleen Richardson

Chalcogenide glasses – a versatile platform for innovations in the infrared

*Optics and Materials Science and Engineering at CREOL,
College of Optics and Photonics at the University of Central FL, USA*



Dr. Kathleen Richardson is currently Professor of Optics and Materials Science and Engineering at CREOL / College of Optics and Photonics at the University of Central FL, where she runs the Glass Processing and Characterization Laboratory (GPCL). Most recently at Clemson University, she and her research team carry out synthesis and characterization of novel glass and glass ceramic materials for optical applications, examining the role of structure/property relationships on resulting optical function and performance in bulk, planar and fiber optical materials. Prof. Richardson's group has extensive industrial and government supported research programs evaluating materials for precision molded optics, the use of non-oxide glasses in chem-bio planar sensors, evaluation of complex material interactions in next-generation integrated opto-electronic chip design, and in nano-composites for advanced detection and optical applications. Prof. Richardson's group is a leading source of expertise in the evaluation of photo-induced structure/property modification mechanisms in non-oxide glasses for optical applications, and has authored more than 220 peer-reviewed publications, numerous proceedings and book chapters, and has organized and chaired multiple domestic and international meetings within her discipline.

Dr. Richardson is a past-President of the American Ceramic Society (ACerS), a past-Chair of ACerS' Glass and Optical Materials Division (GOMD) and a past-President of the National Institute of Ceramic Engineers (NICE). She recently completed her term as a member of the Board of Directors of the Society of Photo-Optical Instrumentation Engineers (SPIE) and currently serves on the Coordinating Technical Committee (CTC) of the International Commission on Glass (ICG). As a result of these activities, she has enabled many multi-institutional, international education and training activities in Glass and Ceramics which have benefited numerous US and International students and young professionals under her mentorship and/or supervision.

Most recently, Dr. Richardson has served on advisory boards of numerous organizations, including the Board of Directors of the American Ceramic Society (ACerS), Virginia Tech's Materials Science and Engineering Department, the NSF-ERC on Mid-Infrared Technologies for Health and the Environment (MIRTHE) at Princeton University and as part of the Australian Research Council's Centre of Excellence for Ultrahigh-bandwidth Devices for Optical Systems (CUDOS), in Sydney Australia. She is a recognized world leader in infrared glass research and education, and as a result of these efforts, currently holds the rank of Fellow, in the American Ceramic Society, the Society of Glass Technology (UK), SPIE and the Optical Society of America (OSA). Since 2006, she has served as a member of the Board of Trustees at Alfred University.

Industrial Award

Room PÁTRIA, Wednesday, July 12, 15:50–16:25

Joachim Heym

Additive manufacturing of complex, large volume components of technical ceramics for plant engineering

Schunk Ingenieurkeramik GmbH, Germany



Joachim Heym is the Managing director of the Schunk Ingenieurkeramik GmbH since 2009. He has been working since 1985 within the Schunk Group as Production Manager, Sales Manager, Business Unit Manager.

Joachim Heym is chairman of the DKG (Deutsche Keramische Gesellschaft – German Ceramic Society) board since 2015 and has been member of the board of the DKG since 2009. He is also Board Member and Vice President of VKI, the Federation Ceramic Industry in Germany. Joachim Heym has also been President of EuTeCer (European Technical Ceramic Federation, Brussels) during 4 years, from 2010 to 2014.

Young Scientist Award

Room PÁTRIA, Wednesday, July 12, 16:25–17:00

David Salamon

Pressure-less rapid heating of nanoparticle compacts by infrared heat transfer

*Central European Institute of Technology (CEITEC),
Brno University of Technology, Czech Republic*



David Salamon is associate professor and a project leader at the Central European Institute of Technology (CEITEC) in Brno University of Technology in the Czech Republic.

He received his master degree in Chemistry of materials at Faculty of Chemistry, Brno University of Technology in 2000, and master degree in Company management and economics at Faculty of Business and Management, Brno University of Technology in 2002. He achieved Ph.D. degree in Inorganic technology and materials from the Institute of Inorganic Chemistry, Slovak Academy of Sciences after defending his thesis "Preparation of alpha-Sialon with defined microstructure" in 2005. After Ph.D. he worked at the Arrhenius Laboratory in Stockholm University in Sweden, and he moved for his second postdoc to Faculty of Science and Technology in Twente University, Netherlands in 2007. After return to Czech Republic in 2011 he is working at Brno University of Technology, where he was appointed associate professor in 2016.

Currently he is author or co-author of 26 publications recorded in Web of Science®, he has one patent, related h-index is 7. Main focus of his research is on the application of non-conventional methods (such as Spark Plasma Sintering and Microtemplating) for microstructure tailoring of structural ceramic materials. He is a long term member of The European Ceramic Society and an active participant on the ECerS meetings since 2005. During his research career he was member of Slovak, Dutch, and Czech Ceramic Societies. Recently, he was elected to the board of the Czech Ceramic Society.

Invited Lectures and Oral Presentations

Daily Schedule

Monday, July 10, 2017

Monday, July 10, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
11:15–13:00	T03	T04	T02	T07	T01	T05
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T07	T01	T05
16:30–17:00	Coffee Break					
17:00–19:00	T03	T04	T02	T07	T01	T05

T01: New developments in processing and synthesis with a special focus on additive manufacturing

Room LISZT

Time	Name	Abstract ID	Title	Affiliation
Chairs: Paolo Colombo, Farid Ahkar				
11:15–11:40	Masami Ando <i>Invited</i>	242	Development of ceramic parts for semiconductor manufacturing equipment using additive manufacturing	TOTO LTD., Chigasaki-City, Japan
11:40–12:05	Enrique Sanchez Vilches <i>Invited</i>	834	Suspension plasma spraying: the meeting point for ceramic processing and plasma spraying technique	Instituto de Tecnología Cerámica (ITC), Universitat Jaume I (UJI), Castellón, Spain
12:05–12:20	Jérémy Marie	167	Ecofriendly alumina suspensions for tape casting process	SPCTS, European Ceramic Center, UMR CNRS 7315, Limoges Cedex, France
12:20–12:35	Geoffroy Bister	105	Functional refractory molds for metal casting built by additive manufacturing	Belgian Ceramic Research Centre, Member of EMRA, Mons, Belgium
12:35–12:50	Mario Borlaf	059	Flame spray synthesis of YAG:Ce nanoparticles	Empa, Laboratory for High Performance Ceramics, Dübendorf, Switzerland
12:50–13:05	Lianjun Wang	056	Fabrication of silica glass from mesoporous powder by SPS	College of Material Science & Engineering, Donghua University, Shanghai, China
13:05–14:30	Lunch			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Raj Bordia, Wei Pan				
14:30–14:55	Gideon Grader <i>Invited</i>	855	Porous ceramic foams and nanofibers	Chemical Engineering Department, Technion, Haifa, Israel
14:55–15:20	Andreas F.J. Kaiser <i>Invited</i>	832	Advanced manufacturing of porous ceramic structures for use in energy applications	DTU Energy, Department of Energy Conversion & Technical University of Denmark (DTU), Roskilde, Denmark
15:20–15:35	Jörg Luchtenborg	543	Additive manufacturing of silicon nitride with Laser Induced Slip Casting (LIS)	Federal Institute for Materials Research and Testing (BAM), Berlin, Germany
15:35–15:50	Ksenia Kamyshnaya	318	Porous ceramic by crystallization of combustible additive method	Department of Technology Silicates and Nanomaterials, Tomsk Polytechnic University, Russia
15:50–16:05	Hamada Elsayed	229	Highly porous B-doped hardystonite bioceramics from preceramic polymers and engineered fillers: from foams to 3D-printed scaffolds	Department of Industrial Engineering, University of Padova, Padova, Italy
16:05–16:20	Mariana Munoz	124	Ceramic powder synthesis by spray pyrolysis: aerosol formation and evolution	SPCTS UMR 7315, Centre Européen de la Céramique, Limoges Cedex, France
16:20–16:35	José Maria Ferreira	620	Influence of specific interactions between processing additives and the surface of oxide particles on Epoxy Gel Casting	Department of Materials and Ceramics Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal
16:35–17:00	Coffee Break			
Chairs: Andrea Zocca, Ashok Vasheesta				
17:00–17:25	Jonas Gurauskis <i>Invited</i>	843	Processing of porous ceramic structures for efficient mass transport	Æneam ApS, Denmark
17:25–17:50	Rajendra K. Bordia <i>Invited</i>	666	Anisotropic hierarchical porosity ceramic electrodes for high performance Li-ion batteries	Clemson University, Clemson, SC, USA
17:50–18:05	Luboš Bača	108	Additive manufacturing of Ti-B4C composites by 4M technology	Aerospace & Advanced Composites GmbH, Wiener Neustadt, Austria
18:05–18:20	Thomas Konegger	333	Micro- and mesopore structure control in silicon carbonitride-based ceramics using molecular porogens	Institute of Chemical Technologies and Analytics, TU Wien, Vienna, Austria
18:20–18:35	Imane El Younsi	354	Rheological properties of alumina formulations based on biosourced additives for micro-extrusion application	SPCTS, European Ceramic Center, UMR CNRS 7315, Limoges, France
18:35–18:50	Caroline Tschirpke	935	From primary particle coating to sintered ceramics – an alternative method to create homogenous ZTA ceramics	Fraunhofer Institut für keramische Technologien und Systeme IKTS, Herndorf, Germany
18:50–19:05	Enrique Juste	394	Manufacturing of cemented tungsten carbide by hybrid machining in green state	Belgium Ceramic Research Center, Mons, Belgium
19:05–19:20	Thomas Mühler	605	LSD-based Selective Laser Sintering starts up to new quality of silicate ceramic bodies	TU Clausthal, Clausthal-Zellerfeld, Germany

Monday, July 10, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
11:15–13:00	T03	T04	T02	T07	T01	T05
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T07	T01	T05
16:30–17:00	Coffee Break					
17:00–19:00	T03	T04	T02	T07	T01	T05

T02: High temperature processes and advanced sintering

Room LEHÁR

Time	Name	Abstract ID	Title	Affiliation
Chairs: Diletta Sciti, Csaba Balázsi				
11:15–11:40	Gary Messing <i>Invited</i>	583	Cold, flash, sparks, nano – where are sintering processes headed?	Pennsylvania State University, Department of Materials Science and Engineering, USA
11:40–12:05	Zhijian Shen <i>Invited</i>	825	Reactive sintering activated by SPS	Department of Materials and Environmental Chemistry, Arrhenius Laboratory, Stockholm University, Stockholm, Sweden
12:05–12:20	Karel Maca	799	Theoretical and experimental study of the transition from open to closed porosity sintering stage	CEITEC BUT, Brno University of Technology, Brno, Czech Republic
12:20–12:35	Rachman Chaim	176	Invasive percolation model for flash sintering of ceramic powders densified by liquid film capillary	Department of Materials Science and Engineering, Technion – Israel Institute of Technology, Haifa, Israel
12:35–12:50	Tobias Frueh	437	Powder chemistry effects on the sintering of Bayer alumina	Department of Materials Science and Engineering, Pennsylvania State University, University Park, PA, USA
12:50–13:05	Mattia Biesuz	547	Flash sintering of alumina	Department of Industrial Engineering, University of Trento, Trento, Italy
13:05–14:30	Lunch			
Chairs: Ricardo Castro, Karel Maca				
14:30–14:55	Walter Krenkel <i>Invited</i>	853	RMI-derived ceramic matrix composites based on the liquid-phase pyrolysis of carbon/ carbon	Ceramic Materials Engineering, University of Bayreuth, Germany
14:55–15:20	Dietmar Koch <i>Invited</i>	026	Reactive metal infiltration for manufacturing of ceramic matrix composites	German Aerospace Center, Institute of Structures and Design, Stuttgart, Germany

Time	Name	Abstract ID	Title	Affiliation
15:20–15:35	Matthew T. Porter	626	Optimisation of impregnated SiCf/SiC preforms for microwave chemical vapour infiltration	Metallurgy and Materials, University of Birmingham, Edgbaston, Birmingham, UK
15:35–15:50	Yann Aman	444	New insights into field assisted sintering through synchrotron X-rays computed tomography investigations	NIMTE CNITECH Chinese Academy of Sciences, Ningbo, China
15:50–16:05	Wolfgang Rheinheimer	902	Grain growth transitions in perovskite ceramics: bimodal microstructures, anisotropy and point defects	Institute of Applied Materials (IAM), Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany
16:05–16:20	Hasan Metin Tülümen	267	Effects of processing and sintering conditions on density and microstructure of microinjection molded oxide CMCs	Karlsruhe Institute of Technology, Institute of Applied Materials (IAM-WK), Eggenstein-Leopoldshafen, Germany
16:20–17:00	Coffee Break			
Chairs: Dusan Galusek, Elizabeth Kupp				
17:00–17:25	Virtudes Rubio <i>Invited</i>	638	Ultra high temperature ceramic matrix composites based on carbon fibres	School of Metallurgy and Materials, University of Birmingham, UK
17:25–17:50	Carolina Tallon <i>Invited</i>	109	Densification strategies for Ultra High Temperature Ceramics prepared by Near-Net-Shaping Techniques	Department of Materials Science and Engineering, Virginia Polytechnic Institute and State University, Blacksburg, VA, USA
17:50–18:05	Richard Todd	503	Ultra-fast firing: the role of heating rate in flash sintering	University of Oxford, Department of Materials, Oxford, UK
18:05–18:20	Wirat Lerdprom	040	Impact of field assisted sintering on porcelain microstructure	Centre for Advanced Structural Ceramics, Department of Materials, Imperial College London, London, UK
18:20–18:35	Manshi Ohyanagi	737	Spark plasma sintering of silicon nitride with the crystallization and phase transformation in the absence of sintering additive	Department of Materials Chemistry, Faculty of Science and Technology, Ryukoku University, Seta Ohe-cho, Ohtsu, Shiga-Pref., Japan
18:35–18:50	Hua Tan	563	Effect of metal doping on heat transfer in Spark Plasma Sintering process	Central European Institute of Technology, Brno University of Technology, Brno, Czech Republic
18:50–19:05	Busra Guney	216	Fracture toughness properties of spark plasma sintered boron carbide ceramics using Ti and TiO ₂	Metallurgical and Materials Engineering Department, Istanbul Technical University, Istanbul, Turkey

Monday, July 10, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
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13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T07	T01	T05
16:30–17:00	Coffee Break					
17:00–19:00	T03	T04	T02	T07	T01	T05

T03: Advanced structural ceramics

Room PÁTRIA

Time	Name	Abstract ID	Title	Affiliation
Chairs: Richard Todd, Zoltán Lencés				
11:15–11:40	Takashi Goto <i>Invited</i>	704	Chemical vapor deposition of SiC environmental coating for SiC/SiC composite	Institute for Materials Research, Tohoku University, Katahira Aoba-ku Sendai Miyagi, Japan
11:40–12:05	Young-Wook Kim <i>Invited</i>	077	High thermal conductivity of liquid-phase sintered silicon carbide ceramics	Department of Materials Science and Engineering, University of Seoul, Dongadaemun-gu, Seoul, Korea
12:05–12:30	Manuel Belmonte <i>Invited</i>	512	Toughened, wear resistant and damage tolerant silicon carbide ceramics by adding graphene-based fillers	Institute of Ceramics and Glass (ICV-CSIC), Madrid, Spain
12:30–12:55	Eduardo Saiz <i>Invited</i>	440	Ceramic-based composites with complex architectures	Imperial College, London, UK
13:00–14:30	Lunch			
Chairs: Thomas Graule, Tanja Lube				
14:30–14:55	Fumihiko Wakai <i>Invited</i>	150	Micro-mechanical test method for searching toughening mechanisms operating at nano-scale	Laboratory for Materials and Structures, Institute of Innovative Research, Tokyo Institute of Technology, Nagatsuta, Midori, Yokohama, Japan
14:55–15:20	Jan Dusza <i>Invited</i>	034	Nano-mechanical testing of advanced ceramics	Institute of Materials Research, Slovak Academy of Sciences, Košice, Slovak Republic
15:20–15:45	Junichi Tatami <i>Invited</i>	286	Local mechanical properties of advanced structural ceramics measured using microcantilever beam specimens	Graduate School of Environment and Information Sciences, Yokohama National University, Yokohama, Japan

Time	Name	Abstract ID	Title	Affiliation
15:45–16:00	Robert Danzer	722	On the fracture toughness testing of ceramics	Institut für Struktur- und Funktionskeramik, Montanuniversität Leoben, Leoben, Austria
16:00–16:15	Tamás Csanádi	589	Elastic constants of carbon fibres derived from nanoindentation of a 2D-C/SiC composite system	Institute of Materials Research, Slovak Academy of Sciences, Košice, Slovak Republic
16:15–16:30	Tanja Lube	276	Measuring fracture toughness of Y-TZP	Institut für Struktur- und Funktionskeramik, Montanuniversität Leoben, Leoben Austria
16:30–17:00	Coffee Break			
Chairs: Ján Dusza, Robert Danzer				
17:00–17:25	Mathias Herrmann <i>Invited</i>	417	Diamond reinforced ceramic materials: potential wear resistant components	Fraunhofer IKTS, Fraunhofer Institute for Ceramic Technologies and Systems, Dresden, Germany
17:25–17:50	Kiyoshi Hirao <i>Invited</i>	209	Temperature dependence of thermal properties for high thermal conductive silicon nitride ceramics	Structural Materials Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Nagoya, Japan
17:50–18:05	Christian Schröder	227	Influence of humidity and temperature on the fatigue behavior of silicon nitride and zirconia ceramics	Fraunhofer Institute for Mechanics of Materials IWM, Freiburg, Germany
18:05–18:20	Felipe Gutiérrez-Mora	564	Effect of graphene content on the tribological behaviour of 3YTZP reinforced with graphene nanoplatelets	Departamento de Física de la Materia Condensada, Universidad de Sevilla-ICMSE (CSIC), Sevilla, Spain
18:20–18:35	Marina Ruggles-Wrenn	290	Fatigue of three advanced SiC/ SiC ceramic matrix composites at 1200 °C in air and in steam*	Department of Aeronautics & Astronautics, Air Force Institute of Technology, Ohio, OH, USA
18:35–18:50	Daniela Olevano	257	Microstructural characterization of commercial ceramic materials for ballistic applications	Centro Sviluppo Materiali S.p.A., Rome, Italy
18:50–19:05	Florimond Delobel	183	Influence of HIP post-treatment on microstructure and density of silicon carbide sintered by SPS	ISL, Saint-Louis Cedex, France
19:05–19:20	Rosalía Poyato	549	Graphene nanoplatelet/3 mol% yttria doped zirconia composites with high electrical conductivity	Instituto de Ciencia de Materiales de Sevilla, ICMSE, CSIC-Universidad de Sevilla, Sevilla, Spain

Monday, July 10, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
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13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T07	T01	T05
16:30–17:00	Coffee Break					
17:00–19:00	T03	T04	T02	T07	T01	T05

T04: Electroceramics and optical materials

Room BARTÓK				
Time	Name	Abstract ID	Title	Affiliation
Chairs: Vincenzo Buscaglia, Sanjay Mathur				
11:15–11:40	Xiang Ming Chen <i>Invited</i>	159	SPS derived CaTiO ₃ -based dielectric ceramics with high energy storage density	School of Materials Science and Engineering, Zhejiang University, Hangzhou, China
11:40–12:05	Souad Ammar <i>Invited</i>	658	All inorganic granular extrinsic multiferroics: from nanomaterial engineering to magnetoelectric coupling	ITODYS, Université Paris Diderot, Sorbonne Paris Cité, CNRS UMR, Paris, France
12:05–12:20	Viktor Bovtun	208	High-frequency dielectric spectra of BaTiO ₃ -PbMg _{1/3} Nb _{2/3} O ₃ ceramics	Department of Dielectrics, Institute of Physics, Czech Academy of Sciences, Prague, Czech Republic
12:20–12:35	Oleksandr Tkach	039	Giant dielectric permittivity and high tunability in Y-doped SrTiO ₃ ceramics tailored by sintering atmosphere	CICECO – Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal
12:35–12:50	Olga A. Shilova	020	Synthesis and study of multiferroic – powders with structure ‘core-shell’ as a fillers for composite materials for electronics and photonics	Laboratory of Inorganic Synthesis, Institute of Silicate Chemistry of the Russian Academy of Sciences, Saint-Petersburg, Russia
12:50–13:05	Branimir Bajac	629	Dielectric properties and interface effects in multilayer BaTiO ₃ /NiFe ₂ O ₄ multiferroic thin films	Department of Materials Engineering, University of Novi Sad, Faculty of Technology Novi Sad, Novi Sad, Serbia
13:05–14:30	Lunch			
Chairs: Marco Deluca, Pascal Marchet				
14:30–14:55	Elizabeth C. Dickey <i>Invited</i>	714	Local structure analysis of electroceramics via aberration-corrected scanning transmission electron microscopy	Department of Materials Science and Engineering, Center for Dielectrics and Piezoelectrics, North Carolina State University, Raleigh, NC 27695 USA
14:55–15:20	Leontin D. Padurariu <i>Invited</i>	842	Local field engineering for tailoring electrical properties in ferroelectric-based composites	Dielectrics, Ferroelectrics & Multiferroics Group, Department of Physics, A.I. Cuza University, Iasi, Romania

Time	Name	Abstract ID	Title	Affiliation
15:20–15:35	Musa M. Can	264	The magnetic formation in oxide semiconductors under influence of native defects and impurity atoms concentration	Faculty of Science, Department of Physics, Istanbul University, Istanbul, Turkey
15:35–15:50	Sebastian Steiner	537	Defect chemistry and conductivity mechanisms in B-site acceptor doped and A-site non-stoichiometric $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$	Institute of Geo- and Materials Science, Technische Universität Darmstadt, Germany
15:50–16:05	Galassi, C.	412	Field-induced metastable ferroelectric phase in PLZT ceramics	CNR-ISTEC, Istituto di Scienza e Tecnologia dei Materiali Ceramici, Faenza, Italy
16:05–16:20	Tae-Ho Lee	452	Glass/ Al_2O_3 /GO,CNT composite with high bending strength and thermal conductivity for package of super capacitor	Department of Materials Science and Engineering, Korea University, Anam-Dong, Korea
16:20–16:35	Lavinia-Petronela Curecheriu	339	Effect of porosity on the dielectric, switching and DC-tunability properties of BaTiO_3 ceramics	Dielectrics, Ferroelectrics & Multiferroics Group, Department of Physics, A.I.I. Cuza University, Iasi, Romania
16:35–17:00	Coffee Break			
Chairs: Souad Ammar, Adrian Goldstein				
17:00–17:15	Vincenzo Buscaglia	247	Phase transitions and polar order in $\text{BaCe}_x\text{Ti}_{1-x}\text{O}_3$ ($x = 0.02 - 0.30$) ceramics	ICMATE-CNR, Genoa, Italy
17:15–17:30	Jörg Töpfer	577	Synthesis and properties of lead-free BNBT-based PTCR thermistor ceramics	Department of SciTec, Univ. Applied Sciences Jena, Jena, Germany
17:30–17:45	Carmen Galassi	673	Milling and quite-fast sintering as key production steps to obtain fully dense PZTN-CF particulate composites	CNR-ISTEC, Faenza, Italy
17:45–18:00	Piyi Du	165	The formation and high EM wave absorption properties of doped barrium ferrite over millimeter frequency range	School of Materials Science and Engineering, Zhejiang University, Hangzhou, China
18:00–18:15	Giulia Franceschin	496	Antiferromagnetic crystal size dependence in exchange-biased nanostructured ceramics	ITODYS, Paris Diderot University, Paris, France
18:15–18:30	Naoki Ohashi	514	Chemothermal pulverization of perovskite-type titanates	National Institute for Materials Science (NIMS), Tsukuba, Ibaraki, Japan
18:30–18:45	J.J. Bian	483	Dielectric and energy storage properties of $\text{Na}(\text{Nb}_{1-x}\text{Ta}_x)\text{O}_3$ ceramics prepared by spark plasma sintering	Department of Inorganic Materials, Shanghai University, China
18:45–19:00	Hiroshi Maiwa	453	Electrocaloric effects and temperature distribution analysis of BaTiO_3 -based ceramics and multi-layer capacitor	Department of Materials and Human Environmental Sciences, Shonan Institute of Technology, Tsujido-Nishikaigan, Fujisawa, Japan

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	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
11:15–13:00	T03	T04	T02	T07	T01	T05
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T07	T01	T05
16:30–17:00	Coffee Break					
17:00–19:00	T03	T04	T02	T07	T01	T05

T05: Ceramics for novel energy conversion, storage and use

Room MOZART

Time	Name	Abstract ID	Title	Affiliation
Chairs: Servet Turan, Kjell Wiik				
11:15–11:40	Henny J.M. Bouwmeester <i>Invited</i>	844	Mixed ionic-electronic conducting membranes: fundamentals and challenges	Electrochemistry Research Group, Membrane Science Technology, MESA+ Institute for Nanotechnology, University of Twente, Enschede, The Netherlands
11:40–12:05	Alessandra Sanson <i>Invited</i>	829	Manufacturing of proton conductive ceramics for hydrogen separation membranes and fuel cells	Institute of Science and Technology for Ceramics, National Council of Research (ISTEC-CNR), Faenza, Italy
12:05–12:20	Laure Guironnet	231	La _{0.5} Sr _{0.5} Fe _{0.7} Ga _{0.3} O _{3-δ} perovskite membrane produced by electrophoretic deposition process	SPCTS, CNRS, ENSCI, Université de Limoges, CEC, Limoges, France
12:20–12:35	Alexandra Monika Heymann	180	Chemical stability of ceramic dual-phase membrane materials for H ₂ -separation in water-gas shift reactors	Institute of Energy and Climate Research, Forschungszentrum Jülich GmbH, Jülich, Germany
12:35–12:50	Rafael Oliveira Silva	068	Preparation and mechanical properties of SrTi _{1-x} Fe _x O _{3-δ} (x = 0.25, 0.35, 0.5) for oxygen transport membranes	Forschungszentrum Jülich GmbH, Institute of Energy and Climate Research, Jülich, Germany
12:50–13:05	Corinne Salles	340	Permeability and ionic conductivity of CaTi _{0.9} Fe _{0.1} O _{3-δ}	LSFC- SAINT-GOBAIN CREE, Cavaillon France; CNRS, LEPMI, Grenoble Franc
13:05–14:30	Lunch			
Chairs: Alessandra Sanson, Enrique Ruiz-Trejo				
14:30–14:55	Michitaka Ohtaki <i>Invited</i>	859	Nanostructure engineering in oxide ceramics for high-temperature thermoelectric energy conversion	Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Kasuga, Fukuoka, Japan
14:55–15:20	Glenn C. Mather <i>Invited</i>	827	Investigation of the BZCY72-BaPrO ₃ system for high-temperature electrochemical applications: thermal evolution of structures and electrical properties	Instituto de Cerámica y Vidrio, CSIC, Madrid, Spain

Time	Name	Abstract ID	Title	Affiliation
15:20–15:35	Tomohito Sudare	372	The adsorption reaction of different shaped-alpha-bismuth oxides with iodide ions	Center for Energy and Environmental Science, Shinshu University, Wakasato, Nagano-shi, Nagano, Japan
15:35–15:50	Jakub Karczewski	743	Functional layers for solid oxide electrolyzers	Faculty of Applied Physics and Mathematics, Gdansk University of Technology, Gdansk, Poland
15:50–16:05	Marina Aghayan	511	The template-assisted wet-combustion synthesis of fibrous nickel-based catalyst for carbon dioxide methanation and methane steam reforming	Tallinn University of Technology, Tallinn, Estonia
16:05–16:20	Domingo Pérez-Coll	831	Overview of the electrical properties of yttrium-doped strontium zirconate as a proton-conducting component in high-temperature electrochemical devices	Instituto de Cerámica y Vidrio, CSIC, Madrid, Spain
16:20–16:35	Ivar E. Reimanis	734	Nickel oxide doped barium yttrium zirconate nanostructures	Department of Metallurgical and Materials Engineering, Colorado School of Mines, Golden, CO, USA
16:35–17:00	Coffee Break			
Chairs: Martin Roeb, Singh Gurpreet				
17:00–17:25	Michael Stelter <i>Invited</i>	954	Low cost Sodium batteries based on ceramic materials – an old idea revisited	Department of Energy Systems, Fraunhofer IKTS, Hermsdorf, Germany
17:25–17:50	Katsuya Teshima <i>Invited</i>	044	Full picture discovery for flux-grown crystals and interface designs on next-generation all-solid-state LIB	Center for Energy and Environmental Science, Shinshu University, Nagano, Japan
17:50–18:05	Marie-Claude Bay	541	Deciphering the influence of microstructure and crystal structure on the temperature dependent ion conductivity of Sodium-β"-alumina	Empa, Swiss Federal Laboratories for Materials Science and Technology, Dübendorf, Switzerland
18:05–18:20	Cem E. Özbilgin	808	Mixed glass former effect on ionic conductivity of lithium borophosphate glasses with SO ₃ addition	Department of Materials Science and Engineering, Anadolu University, Eskişehir, Turkey
18:20–18:35	Amalia C. Wagner	373	Effect of particle size and hierarchical structuring on the electrochemical properties of NCM-cathode materials in lithium-ion-batteries	Karlsruhe Institute of Technology, Institute for Applied Materials (IAM-KWT), Eggenstein-Leopoldshafen, Germany
18:35–18:50	Katja Waetzig	398	Increased Li ion conductivity of LATP ceramics by optimized powder processing	Fraunhofer Institute for Ceramic Technologies and Systems, Dresden, Germany
18:50–19:05	Nikola Kanas	669	Development of all-oxide thermoelectric stacking device	Department of Material Science and Engineering, NTNU, Trondheim, Norway

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	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
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13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T07	T01	T05
16:30–17:00	Coffee Break					
17:00–19:00	T03	T04	T02	T07	T01	T05

T07: Challenges and opportunities in industrial ceramics

Room BRAHMS

Time	Name	Abstract ID	Title	Affiliation
Chairs: Maria Bignozzi, Alpagut Kara				
11:15–11:40	William Lee <i>Invited</i>	851	A personal perspective of ceramic research collaborations with industry	Dept. of Materials, Imperial College London, UK
11:40–11:55	Gurdial Blugan	565	Performance of lightweight coated oxide ceramic composites for industrial high speed wood cutting tools: a step closer to market	Empa, Swiss Federal Laboratories for Material Science and Technology, Laboratory for High Performance Ceramics, Duebendorf, Switzerland
11:55–12:10	Katarzyna Pasiut	642	The structure of raw porcelain glazes modified by the zirconium oxide addition	AGH University of Science and Technology, Kraków, Poland
12:10–12:25	Roberto Soldati	163	Powder rheology and compaction behavior of spray dried bodies for porcelain stoneware slabs	CNR-ISTEC, Faenza, Italy
12:25–12:40	Roberto Soldati	901	Exploring waste-based body formulations for porcelain stoneware tiles produced at lower sintering temperatures	CNR-ISTEC, Faenza, Italy
13:00–14:30	Lunch			
Chairs: Roberto Soldati, Philippe Aubry				
14:30–14:55	Eliseo Monfort <i>Invited</i>	818	New challenges in occupational health in the European ceramic industry	Instituto de Tecnología Cerámica (ITC), University Jaume I, Castellón, Spain
14:55–15:20	Mariarosa Raimondo <i>Invited</i>	858	Industrial materials: the challenges for smart coatings	Institute of Science and Technology for Ceramics, ISTEC CNR, Faenza, Italy
15:20–15:35	Meltem Ipekci	698	Improvement of enamel coatings used as food contact materials in industrial applications	Department of Metallurgical and Materials Engineering, Istanbul Technical University, Chemistry and Metallurgy Faculty, Metallurgical and Materials Engineering Department, Istanbul, Turkey

Time	Name	Abstract ID	Title	Affiliation
15:35–15:50	Janusz Partyka	615	The effect of addition of alkali metals oxide on selected parameters of the ceramic glazes	AHG University of Science and Technology, Faculty of Material Science and Ceramic, Kraków, Poland
15:50–16:05	Beatrice Lucchese	377	Ceramic tile surfaces: cleanability and durability performances	Department of Civil, Chemical, Environmental and Materials Engineering, University of Bologna, Bologna, Italy
16:05–16:20	Silvia Barbi	009	Chemical strengthening of industrial glazes suitable for ceramic tile	University of Modena and Reggio Emilia, Department of Engineering Enzo Ferrari, Modena, Italy
16:20–16:35	Anita Terjék	641	Comparative analysis of surface properties for assessing slip resistance of glazed ceramic tiles	Material Testing Laboratory, ÉMI Nonprofit Ltd., Szentendre, Hungary
16:35–17:00	Coffee Break			
Chairs: Eliseo Monfort, Mariarosa Raimondo				
17:00–17:25	Elisa Rambaldi <i>Invited</i>	702	Pathway towards high recycled content traditional ceramics	Centro Ceramico Bologna, Bologna, Italy
17:25–17:40	Pius Otimeyin	718	The significance of Okpella granite in ceramic glaze formulae	Department of Ceramics Auchi Polytechnic, Auchi, Edo State, Nigeria
17:40–17:55	Marek Grandys	616	Differences in mullite crystal growth in triaxial ceramics containing K- and/or Na- feldspar	AHG University of Science and Technology, Faculty of Material Science and Ceramic, Kraków, Poland
17:55–18:10	Philippe Aubry	584	Mechanical reinforcement of traditional ceramics by incorporating glass-fibres	BCRC (Belgian Ceramic Research Centre), Mons, Belgium
18:10–18:25	Štefan Csáki	502	Influence of oil shale ash addition on thermophysical processes in an illitic clay during heating	Department of Physics of Materials, Charles University, Prague, Czech Republic
18:25–18:40	Acacio Rincón	228	Mullite foams from engineered alkali activated suspensions	Department of Industrial Engineering, University of Padova, Padova, Italy
18:40–18:55	Patricia Rabelo Monich	356	Glass-ceramic foams from ‘inorganic gel casting’ and sinter-crystallization of waste glass mixtures	Dipartimento di Ingegneria Industriale, Università degli Studi di Padova, Padova, Italy

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T02	T09	T05	T12
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T09	T05	T12
16:30–17:00	Coffee Break					
17:00–18:00						T12

T02: High temperature processes and advanced sintering

Room LEHÁR

Time	Name	Abstract ID	Title	Affiliation
Chairs: Dietmar Koch, Tatsuki Ohji				
08:30–08:55	Manuel Belmonte <i>Invited</i>	271	Spark plasma sintering technique: a powerful research tool for developing new ceramic materials	Institute of Ceramics and Glass (ICV-CSIC), Campus Cantoblanco, Madrid, Spain
08:55–09:20	Suk-Joong L. Kang <i>Invited</i>	085	Fundamentals of sintering and their future research directions	KICET/KAIST, Jinju/Daejeon, South Korea
09:20–09:35	Michael Kracker	335	Preparation of zero thermal expansion ceramics by sol-gel and hot pressing	Otto-Schott-Institut, Chair of Glass Chemistry I, Jena University, Jena, Germany
09:35–09:50	Junichi Hojo	201	Development of translucent silicon nitride ceramics by SPS process with various additives	Faculty of Engineering, Kyushu University, Fukuoka, Japan
09:50–10:05	Réda Berkouch	070	Strong junctions of Alumina to TZM alloy obtained by coupling oxidation of the alloy and diffusion bonding	SPCTS – European Ceramic Center, Limoges Cedex, France
10:05–10:20	Carolina Clausell-Terol	254	Microstructural and electromagnetic study of a CuNiZn ferrite obtained by a non-traditional ceramic process	Departamento de Ingeniería Química, Universitat Jaume I, Castellón, Spain
10:20–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Walter Krenkel, Peter Tatarko				
11:00–11:25	Ricardo H.R. Castro <i>Invited</i>	856	Sintering of ultra-fine nanocrystalline ceramics and how to avoid their growth	Department of Materials Science & Engineering, University of California–Davis, USA
11:25–11:50	Douglas Gouvêa <i>Invited</i>	838	Segregation and surface excess during ceramic process and sintering	Department of Metallurgical and Materials Engineering – Polytechnic School, University of Sao Paulo, Sao Paulo, Brazil
11:50–12:05	Dusan Galusek	234	Al ₂ O ₃ -Y ₃ Al ₅ O ₁₂ composites with submicron microstructure by hot pressing of yttrium aluminate glass microspheres	Joint Glass Centre of the IIC SAS, TnUAD and FChFT STU, Trenčín, Slovak Republic
12:05–12:20	Ali Alzahrani	266	Effect of sintering temperature on crystallization of nepheline-leucite glass-ceramics	Institute of Dentistry, Queen Mary University of London, London, UK
12:20–12:35	Baris Yavas	487	Formation of molybdenum boride layers on TZM alloy by spark plasma sintering process	Istanbul Technical University, Department of Metallurgical and Materials Engineering, Istanbul, Turkey
12:35–14:30	Lunch			
Chairs: Douglas Gouvea, Carolina Tallon				
14:30–14:55	Tatsuki Ohji <i>Invited</i>	735	Novel processing for unique porous ceramics	National Institute of Advanced Industrial Science and Technology (AIST), Nagoya, Japan
14:55–15:10	Theo Saunders <i>Invited</i>	824	Recent advances in current assisted sintering	School of Engineering and Material Science, Queen Mary University of London, London, UK
15:10–15:25	Peter Tatarko	661	Flash joining of CVD-SiC coated ceramic matrix composites	Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovak Republic
15:25–15:40	Annika Pille	142	From wet sponges to optoceramics	Laboratoire de Sciences des Procédés et des Matériaux, CNRS UPR-3407, Sorbonne Paris Cité, Villetaneuse, France
15:40–15:55	Shiqi Zhang	236	Conversion of MAX phase single crystals in highly porous carbides by high temperature chlorination	Université Grenoble-Alpes/ CNRS, France
15:55–16:10	Nuno Vitorino	800	Emulsion detonation synthesis (EDS) as an alternative route for YSZ outstanding based materials	Innovnano, iParque, Coimbra, Portugal
16:10–16:20	Raja Muhammad Awais Khan	184	Spark plasma sintered single phase Ca-α-SiAlON ceramic utilizing nano-sized precursors at lower temperatures	College of Aeronautical Engineering, National University of Sciences & Technology, Islamabad, Pakistan

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T02	T09	T05	T12
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T09	T05	T12
16:30–17:00	Coffee Break					
17:00–18:00						T12

T03: Advanced structural ceramics

Room PÁTRIA

Time	Name	Abstract ID	Title	Affiliation
Chairs: Takhasi Goto, Young-Wook Kim				
08:30–08:55	Jon Binner <i>Invited</i>	379	Progress in manufacturing ultra-high temperature ceramic matrix composites (UHTCMCs)	School of Metallurgy and Materials, University of Birmingham, UK
08:55–09:20	William G. Fahrenholtz <i>Invited</i>	084	Ultra-high temperature mechanical behavior of ZrB ₂ -based laminates	Missouri University of Science and Technology, Rolla, Missouri, USA
09:20–09:45	Frederic Monteverde <i>Invited</i>	570	Dual scale composite architectures for high temperature structural applications	ISTEC-CNR, 48018, Faenza, Italy
09:45–10:10	Diego Gomez-Garcia <i>Invited</i>	280	A short review on the mechanical properties of pure fully-dense boron carbide fine ceramics	Department of Condensed Matter Physics, University of Seville, Seville, Spain
10:10–10:25	Caroline D. Liégaut	508	UHTC based matrix as a protection for C/C composites for very high temperature use: original manufacturing and oxidation resistance	Université de Bordeaux, Laboratoire des Composites ThermoStructuraux, Pessac, France
10:25–10:40	Antonio Vinci	235	Effect of SiC on the oxidation resistance of carbon fibre reinforced ZrB ₂ /SiC composites	CNR-ISTEC, Institute of Science and Technology for Ceramics, Faenza, Italy
10:40–11:00	Coffee Break			
Chairs: Vakifahmetoglu Cekdar, Carmen Baudin				
11:00–11:25	Hua-Tay Lin <i>Invited</i>	309	Engineering design and processing of silicon nitride ceramics for industrial applications	School of Electromechanical Engineering, Guangdong University of Technology, Waihuan Xi Road, Guangzhou, China
11:25–11:50	Ferhat Kara <i>Invited</i>	837	SiAlON based ceramics for cutting tool applications	Department of Materials Science and Engineering, Anadolu University, Eskisehir, Turkey

Time	Name	Abstract ID	Title	Affiliation
11:50–12:15	Yanchun Zhou <i>Invited</i>	154	Making ceramics tolerant to damage by forming nanolaminated structures: from MAX phases to MAB phases	Science and Technology on Advanced Functional Composite Laboratory, Aerospace Research Institute of Materials & Processing Technology, Beijing, China
12:15–12:30	Rajendra K. Bordia	802	SiC based materials for next generation nuclear power plants	Materials Science and Engineering, Clemson University, Clemson, SC, USA
12:30–12:45	Willy Kunz	036	Material development, processing and testing of a silicon nitride turbine rotor	Fraunhofer Institute for Ceramic Technologies and Systems IKTS, Dresden, Germany
12:45–13:00	Nasrin Al Nasiri	018	Environmental barrier coatings (EBC) for silicon-based ceramic composites	Centre for Advanced Structural Ceramics, Department of Materials, Imperial College London, UK
13:00–13:15	Semra Kurama	065	Influence of Composition on Optical Properties of Y- α -SiA-IONS	Department of Materials Science and Engineering, Anadolu University, Turkey
13:15–14:30	Lunch			
Chairs: Manuel Belmonte, Mathias Herrmann				
14:30–14:55	Thomas Graule <i>Invited</i>	128	Van der Waals interactions in refractive index matched nanoparticle dispersions	Empa, Swiss Laboratories for Materials Science and Technology, Laboratory for High Performance Ceramics, Dübendorf, Switzerland
14:55–15:20	Jerome Chevalier <i>Invited</i>	731	Mechanical behavior of zirconia-based composites with transformation-induced plasticity	Université de Lyon-INSa de Lyon, MATEIS CNRS UMR 5510, Villeurbanne Cedex, France
15:20–15:35	Marc J. Anglada Gomila	700	Mechanical properties of mixtures of 12Ce-ZrO ₂ and 3Y-ZrO ₂ and atom probe tomography of solute distribution	Universitat Politècnica de Catalunya, CIEFMA, Barcelona, Spain
15:35–15:50	Koen Evers	696	Bio-inspired CNT reinforced ceramic composite materials	Department of Materials, Oxford University, Oxford, UK
15:50–16:05	Moritz Weiss	515	Tuning ceramic microstructures using capillary suspensions with incorporated nanoparticles	Soft Matter, Rheology and Technology, Department of Chemical Engineering, KU Leuven, Leuven, Belgium
16:05–16:20	Amy Wat	428	Fabrication and characterization of nacre-inspired metal infused ceramics	Materials Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, USA
16:20–16:35	Yuchi Fan	049	Advanced oxide ceramic composites based on graphene	Institute of Functional Materials, Donghua University, Shanghai, China
16:35–16:50	Karolina E. Kozak	096	Investigation of the mechanical behavior of MAX phases by acoustic emission technique	Université de Limoges, SPCTS, UMR 7315, Limoges, France

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T02	T09	T05	T12
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T09	T05	T12
16:30–17:00	Coffee Break					
17:00–18:00						T12

T04: Electroceramics and optical materials

Room BARTÓK

Time	Name	Abstract ID	Title	Affiliation
Chairs: Elizabeth Dickey, Alexandre Simoes				
08:30–08:55	Silke Hildegard Christiansen <i>Invited</i>	893	3D nanoarchitectures for energy energy conversion – enhanced functionality through correlative microscopy	Helmholtz-Zentrum-Berlin, Germany
08:55–09:20	Gunnar Westin <i>Invited</i>	822	Complex thin and ultrathin films through solution synthesis	Chemistry-Ångström, Ångström Laboratory, Uppsala, Sweden
09:20–09:35	Joachim R. Binder	544	Integration of screen-printed tunable BST thick films in LTCC modules for microwave applications	Karlsruhe Institute of Technology, Institute for Applied Materials (IAM-KWT), Eggenstein-Leopoldshafen, Germany
09:35–09:50	Pawel Stoch	724	Structure and magnetoelectric properties of 0.5BiFeO ₃ – 0.5Pb(Fe _{0.5} Nb _{0.5})O ₃ solid solution	Faculty of Materials Science and Ceramics, AGH – University of Science and Technology, Krakow, Poland
09:50–10:05	Ching-Hwa Ho	090	Structural, optical, and optoelectronics properties of Cr incorporated WSe ₂ layered compounds	Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, Taiwan
10:05–10:20	Adelina Ianculescu	745	Preparation and characterization of Cerium-doped BaTiO ₃ nanotubes structures	Faculty of Materials Science & Engineering, University POLITEH-NICA of Bucharest, Bucharest, Romania
10:20–10:35	Yuan Lin	727	Tailoring strains and physical properties of epitaxial thin films on vicinal substrates	State Key Laboratory of Electronic Thin films and Integrated Devices, University of Electronic Science and Technology of China, Chengdu, Sichuan, P. R. China
10:35–11:00	Coffee Break			
Chairs: Clive Randall, Pawel Stoch				
11:00–11:25	Barbara Malič <i>Invited</i>	532	Exploring relaxor-ferroelectric ceramics for electrocaloric cooling applications	Jozef Stefan Institute, Ljubljana, Slovenia

Time	Name	Abstract ID	Title	Affiliation
11:25–11:50	Marco Deluca <i>Invited</i>	205	Compositional tuning of Ba-based ferroelectrics and relaxors	Materials Center Leoben Forschung GmbH, Materials for Microelectronics, Leoben, Austria
11:50–12:05	Rosa Moronta Perez	274	High permittivity BaT iO ₃ ceramics prepared by SPS	¹ Belgian Ceramic Research Centre, Mons, Belgium
12:05–12:20	Ha-Neul Kim	038	Fabrication of transparent MgAl ₂ O ₄ spinel via spray freeze drying of microfluidized slurry	Engineering Ceramics Research Group, Korea Institute of Materials Science, Changwon, Gyeongnam, South Korea
12:20–12:35	Marion Höfling	277	Modification of a-site stoichiometry in Na _y Bi _x TiO ₃ -BaTiO ₃ (NBT-BT)-based capacitor materials	Department of Materials Science, Technische Universität Darmstadt, Darmstadt, Germany
12:35–12:50	Wolfgang Preis	592	Electrical properties of barium titanate ceramics doped with 2.1% La and 1.0% Mn as a function of temperature and oxygen partial pressure	Chair of Physical Chemistry, Montanuniversitaet Leoben, Franz-Josef-Strasse 18, A-8700 Leoben, Austria
12:50–13:05	Fabien Bouzat	374	Transparent Cr:YAG ceramics: role of Cr ₂ O ₃ and co-dopants on the reactive sintering	Université De Limoges, SPCTS, UMR CNRS 7315, Limoges, France
13:05–14:30	Lunch			
Chairs: Xiang Ming Chen, Leontin Padurariu				
14:30–14:45	Zoltan Lences	755	Luminescent properties of lanthanide oxide and fluoride doped ternary silicon nitride-based phosphors	Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovak Republic
14:45–15:00	Yanis Cherkaski	341	Influence of yttria doped thoria microstructure on its compatibility with liquid sodium	CEA/DEN/DTN/SMTA/LIPC, St-Paul lez Durance, France
15:00–15:15	Hom Nath Luitel	074	Broadband spectral upconversion in CaTiO ₃ : Ni ²⁺ , Er ³⁺ for solar energy harvesting	Toyota Central R&D Labs., Energy Conversion Materials, Yokomichi, Nagakute, Japan
15:15–15:30	Pascal Marchet	687	New lead-free perovskite compounds with (A _{1/2} Bi _{1/2})(Mg _{1/3} Nb _{2/3}) O ₃ formula (A = Na,K)	Université de Limoges, SPCTS, UMR 7315, CEC, Limoges, France
15:30–15:45	Lovro Fulanović	411	Electrocaloric stability of relaxor multilayer elements	Jožef Stefan Institute, Ljubljana, Slovenia
15:45–16:00	Maura C. Kelleher	613	The effect of vibratory milling on the electrical properties of zinc oxide varistors	School of Mechanical & Design Engineering, Dublin Institute of Technology, Dublin, Ireland ; ² School of Mechanical Engineering, Dublin City University, Glasnevin, Dublin 9, Ireland
16:00–16:15	Sedat Alkoy	560	Textured PMN-PZT piezoelectric ceramics for high power applications	Dept. of Materials Science and Engineering, Gebze Technical University, Gebze, Kocaeli, Turkey
16:15–16:30	Takuma Takahashi	663	Fabrication of translucent and fluorescent Eu doped CASN bulk ceramics using a spark plasma sintering technique	Kanagawa Academy of Science and Technology, Takatsu-ku, Kawasaki City, Kanagawa, Japan

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	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
8:30–10:30	T03	T04	T02	T09	T05	T12
10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T02	T09	T05	T12
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T09	T05	T12
16:30–17:00	Coffee Break					
17:00–18:00						T12

T05: Ceramics for novel energy conversion, storage and use

Room LISZT

Time	Name	Abstract ID	Title	Affiliation
Chairs: Ivar E. Reimanis, Soshu Kiriara				
08:30–08:55	Peter Vang Hendriksen <i>Invited</i>	861	Prospects and challenges of solid oxide electrolysis	Department of Energy Conversion and Storage, Technical University of Denmark, Roskilde, Denmark
08:55–09:20	Enrique Ruiz-Trejo <i>Invited</i>	860	Quantification of degradation in infiltrated SOFC anodes	Department of Earth Science and Engineering, Imperial College London, London, UK
09:20–09:35	Tadeusz Miruszewski	730	Synthesis, structure and electrical properties of Pr, Co-doped SrTiO ₃ novel SOEC cathode material	Department of Solid State Physics, Faculty of Applied Physics and Mathematics, Gdansk University of Technology, Gdansk, Poland
09:35–09:50	Muhammad Zubair Khan	075	Long-term degradation study of anode supported flat-tubular solid oxide fuel cells	Fuel Cell Research Laboratory, Korea Institute of Energy Research, Daejeon, Republic of Korea
09:50–10:05	Desirée Ciria	329	High-temperature mechanical behavior of fully dense La _{0.933+x} -Si ₆ O _{26+3x/2} oxyapatite electrolyte materials for SOFCs	Laboratoire SPMS, CentraleSupélec, CNRS, Chatenay-Malabry, France
10:05–10:20	Aitana Tamayo	480	Thermochemical behavior of porous SiOC/LSMO nanocomposites with 1D nanostructures for syngas production	Ceramics and Glass Institute, CSIC, Madrid, Spain
10:20–10:35	Julio Garcia-Fayos	944	OTM performance optimization for oxyfuel applications by catalytic layer functionalization	Instituto de Tecnología Química (UPV-CSIC), Valencia, Spain
10:35–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Michitaka Ohtaki, Wilfried Wunderlich				
11:00–11:25	Martin Roeb <i>Invited</i>	830	Processes and materials for solar thermochemical production of fuels and chemical commodities	German Aerospace Center, Institute of Solar Research, Köln, Germany
11:25–11:40	Philippe Colomban	029	The proton in nominally anhydrous oxides: content, nature and dynamics	CNRS - Sorbonne Universités, UPMC MONARIS, Paris, France
11:40–11:55	Nikolas Grünwald	069	Microstructural and phase evolution of atmospheric plasma sprayed manganese cobalt iron oxide protection layers in solid oxide fuel cells	Forschungszentrum Jülich GmbH, Institute of Energy and Climate Research, Jülich, Germany
11:55–12:10	Alodia Orera	797	Development of advanced electrodes by metal oxide impregnation for microtubular solid oxide fuel cells	Instituto de Ciencia de Materiales de Aragón, U. Zaragoza-CSIC, Zaragoza, Spain
12:10–12:35	Miguel A. Laguna-Bercero	782	Improvement of solid oxide fuel cell performance by tailoring the electrolyte-electrode interface using laser micro patterning	Instituto de Ciencia de Materiales de Aragón, U. Zaragoza-CSIC, Zaragoza, Spain
12:35–12:50	Jianping Wei	712	Characterization of solid oxide fuel cell sealants and anodes	Forschungszentrum Jülich GmbH, Jülich, Germany
12:50–13:05	Vladislav A. Sadykov	738	Testing oxygen separation membranes based upon novel materials	Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia
13:05–14:30	Lunch			
Chairs: Michael Stelter, Peter Vang Hendriksen				
14:30–14:55	Soshu Kiriwara <i>Invited</i>	200	Stereolithographic additive manufacturing of ceramic structures	Joining and Welding Research Institute, Osaka University, Osaka, Japan
14:55–15:10	Wei Pan	086	Defect engineering in development of low thermal conductivity materials	State Key Lab of New Ceramics and Fine Processing, School of Materials Science and Engineering, Tsinghua University, Beijing, China
15:10–15:25	Wilfried Wunderlich	454	Interfaces of CaCo- and CaMn-ceramics provide high thermoelectric conversion efficiency	Tokai University, Fac. Eng., Material Science Department, Kitakaname, Japan
15:25–15:40	Rosa I. Merino	645	Recent findings on the selective thermal emission of Al ₂ O ₃ -YAG:eR solidified eutectics	Instituto de Ciencia de Materiales de Aragón, Universidad de Zaragoza – CSIC, Zaragoza, Spain
15:40–15:55	Sathya Prakash Singh	651	Thermoelectric properties of (La _{0.12} Sr _{0.88}) _{0.95} TiO _{3-δ} between 100 and 900 °C at reducing conditions	Department of Material Science and Engineering, NTNU, Trondheim, Norway
15:55–16:10	Baptiste Croissant	166	MgAl ₂ O ₄ -based catalyst deposition over nickel-chromium alloy for steam methane reforming in millimetric-channel reactor	Air Liquide, CRPS, Jouy en Josas, France

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T02	T09	T05	T12
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T09	T05	T12
16:30–17:00	Coffee Break					
17:00–18:00						T12

T09: Boron-based ceramics

Room BRAHMS

Time	Name	Abstract ID	Title	Affiliation
Chairs: Onuralp Yucel, Mathias Herrmann				
08:30–08:55	Alexander Mukasyan <i>Invited</i>	082	Combustion synthesis of refractory ceramics	Department of Chemical and Biomolecular Engineering, University of Notre Dame, IN, USA
08:55–09:20	Serdar Ozbayraktar <i>Invited</i>	419	PCBN – supermaterial for abrasive and non-abrasive applications	Global Innovation Centre, Element Six, Oxfordshire, UK
09:20–09:35	Onuralp Yucel	222	Effect of functional additive on the SHS of TiB ₂	Istanbul Technical University, Metallurgy and Materials Engineering, Istanbul, Turkey
09:35–09:50	Kagan Benzesik	207	Production of IV-B group boride composite ceramics via SHS	Istanbul Technical University, Metallurgy and Materials Engineering, Istanbul, Turkey
09:50–10:05	Duygu Yilmaz	586	Effect of calcium carbonate addition on the gel precursor synthesize of boron carbide	Metallurgy and Materials Engineering, Eskisehir Osmangazi University, Eskisehir, Turkey
10:05–10:20	Mehmet Buğdaycı	202	SHS of TiB ₂ -B ₄ C powder mixtures	Istanbul Technical University, Metallurgy and Materials Engineering, Istanbul, Turkey
10:20–10:35	Mustafa Baysal	534	Novel catalytic synthesis of boron nitride nanotubes at low temperatures	Sabanci University, Faculty of Engineering and Natural Sciences, Istanbul, Turkey
10:35–11:00	Coffee Break			
Chairs: Christian Courtois, Serdar Ozbajraktar				
11:00–11:25	Takashi Goto <i>Invited</i>	462	Preparation of boride-based eutectic composite by melt-solidification	Institute for Materials Research, Tohoku University, Katahira Aoba-ku Sendai Miyagi, Japan
11:25–11:50	Hans-Joachim Kleebe <i>Invited</i>	790	Correlation between microstructure and mechanical properties of boron suboxide B ₂ O ceramics; a TEM study	Technische Universität Darmstadt, Darmstadt, Germany

Time	Name	Abstract ID	Title	Affiliation
11:50–12:05	Rong Tu	195	Preparation of B ₄ C-HfB ₂ -SiC eutectic composite by arc melting	State Key Lab of Advanced Technology for Materials Synthesis and Processing, Wuhan University of Technology, Wuhan, China
12:05–12:20	Gürsoy Arslan	058	Effect of titanium diboride on properties of functionally graded boron carbide-titanium diboride-aluminium composites	Department of Materials Science and Engineering, Anadolu University, Faculty of Engineering, Eskişehir, Turkey
12:20–12:35	Gianmarco Taveri	336	The importance of using borosilicate in geopolymer incorporating waste	Institute of Physics of Materials ASCR, Brno, Czech Republic
12:35–12:50	Duygu Ağaoğulları	975	<i>In-situ</i> formation of VB ₂ /VC composite powders from oxide raw materials via powder metallurgy processes	Istanbul Technical University, Chemical and Metallurgical Engineering Faculty, Metallurgical and Materials Engineering Department, Particulate Materials Laboratories (PML), Istanbul, Turkey
12:50–13:05	Zuzana Kováčová	518	Preparation and characterization of oxidation behavior of YB4-SiC ceramics	Institute of Inorganic Chemistry, Technology and Materials, Faculty of Chemical and Food Technology, Slovak University of Technology, Bratislava
13:05–14:30	Lunch			
Chairs: Subhas Ghatu, Hans-Joachim Kleebe				
14:30–14:55	Ji Zou <i>Invited</i>	668	Thermoablative resistance of ZrB ₂ -SiC-WC ceramics at 2400 °C	School of Metallurgy and Materials, University of Birmingham, Birmingham, UK
14:55–15:10	Filiz Sahin <i>Invited</i>	857	B ₄ C based ceramic composites prepared by spark plasma sintering	Istanbul Technical University, Dept. of Metallurgical & Materials Eng., Istanbul, Turkey
15:10–15:25	Marian Palcut	006	Oxidation behavior of iron boride coatings	Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava, Institute of Materials Science, Trnava, Slovak Republic
15:25–15:40	Antionette Can	397	A study of novel PcBN tool materials in interrupted machining applications	Element Six Global Innovation Centre, Oxfordshire, UK
15:40–15:55	Oleg Khasanov	457	Modification of B ₄ C ceramics surface by the intense electron beam and ion plasma sputtering	Department of Nanomaterials, Tomsk Polytechnic University, Tomsk, Russia
15:55–16:10	Kwang Ho Kim	982	Design-synthesis-evaluation of hard coatings for industrial applications	School of Materials Science and Engineering, Pusan National University, Global Frontier R&D Center for Hybrid Interface-based Future Materials, Busan, South Korea

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11:00–13:00	T03	T04	T02	T09	T05	T12
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T02	T09	T05	T12
16:30–17:00	Coffee Break					
17:00–18:00						T12

T12: Art and ceramics

Room MOZART

Time	Name	Abstract ID	Title	Affiliation
Chairs: Jana Göbel, Franz Chen				
09:30–09:50	Rhiannon Ewing-James <i>Invited</i>	401	Future lights – addressing the upcoming generation of ceramics and design	The British Ceramics Biennial, UK
09:50–10:10	Monika Müller <i>Invited</i>	401	Future lights – addressing the upcoming generation of ceramics and design	Future Lights, London, UK
10:10–10:30	Maria Joanna Juchnowska <i>Invited</i>	401	Future lights – addressing the upcoming generation of ceramics and design	Mari JJ Design by Maria Joanna Juchnowska
10:30–11:00	Coffee Break			
Chair: Wilhelm Siemen				
11:00–11:40	Franz Chen <i>Invited</i>	093	Franz Collection	Franz Collection, Inc., Taipei, Taiwan
11:40–12:20	Anthony Quinn <i>Invited</i>	933	Craftsmanship alone is not enough	Dept of Ceramic Design, Central Saint Martins, London, UK
12:20–13:05	John T. Tynan <i>Invited</i>	707	A portrait of the ceramicist as a young man: a reconsideration of a new way of promoting ceramics education, with a roadmap for developing a centre of excellence in ceramics	Design & Crafts Council of Ireland
13:05–14:30	Lunch			

Time	Name	Abstract ID	Title	Affiliation
Chair: Beril Anilanmert				
14:30–15:00	Biljana V. Djordjevic <i>Invited</i>	237	Contemporary ceramic art and traditional pottery techniques – where is the point?	National Museum in Belgrade, Belgrade, Serbia
15:00–15:30	Isabel Luísa Ferreira Machado	134	Archaeometry studies of Portuguese ceramics (pottery and tiles) produced in the region of Lisbon – 16 th to 17 th c.	CQFM- Centro de Química-Física Molecular and IN-Institute of Nanoscience and Nanotechnology, Instituto Superior Técnico, Universidade de Lisboa, Portugal
15:30–16:00	Fatma Batukan Belge <i>Invited</i>	840	Social criticism in Turkish contemporary ceramic art	Turkish Ceramic Society, Fatih Sultan Mehmet Vakif University Faculty of Fine Arts, Istanbul, Turkey
16:00–17:00	Coffee Break			
Chair: Fatma Batukan Belge				
17:00–17:30	Mutlu Başkaya <i>Invited</i>	929	Self-portrait of a ceramic artist who combines Asia's East and West	Turkish Ceramic Society, Istanbul, Turkey
17:30–17:45	Selvin Yeşilay	246	The color effect of magnetite and chromite in ceramic stoneware glazes	Anadolu University, Faculty of Fine Arts, Department of Glass, Eskişehir, Turkey
17:45–18:00	Pinar Güzelgün	100	Usage of sugar beet pulp ash in stoneware body as a raw material in ceramic art	Sakarya University, Sakarya, Turkey
18:00–18:15	Nermin Demirkol	089	Influence of chamotte addition on the physical and mechanical properties of red mud bodies	Ceramic, Glass & Tile Prog., Vocational School of Degirmendere Ali Ozbay, Kocaeli University, Kocaeli, Turkey

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T01: New developments in processing and synthesis with a special focus on additive manufacturing

Room LISZT

Time	Name	Abstract ID	Title	Affiliation
Chairs: Branko Z. Matovic, Lubos Baca				
08:30–08:55	Ashok Vaseashta <i>Invited</i>	821	4D-printed hydrogel-based composite structures by additive processing	International Clean Water Institute, Herndon, VA, USA
08:55–09:20	Andrea Zocca <i>Invited</i>	422	LSD-3D printing: a novel technology for the Additive Manufacturing of ceramics	BAM Federal Institute for Materials Research and Testing, Berlin, Germany
09:20–09:35	Amin M'Barki	078	Direct Ink Writing of boehmite gels: rheological understanding of printability	Saint-Gobain CREE LSFC Lab, Cavailon / Claude Bernard Lyon I, France
09:35–09:50	Arnaud Roux	259	Truly comprehensive solutions to produce ceramic parts with 3D printing	3DCERAM, Limoges, France
09:50–10:05	Andrzej Calka	850	Synthesis, characterisation and properties of perovskite ceramics prepared by electric discharge assisted mechanical milling	University of Wollongong, Faculty of Engineering and Information Sciences, School of Mechanical, Materials, Mechatronics and Bioengineering, Australia
10:05–10:20	Antonio Javier Sanchez Herencia	813	Porous and dense materials using bioplastics as structurers in colloidal processing	Ceramic and Glass Institute, Madrid, Spain
10:20–10:35	Xifan Wang	758	Freeze-cast cylindrical silicon oxycarbide shells fabricated by cryo thiol-ene photopolymerization	Chair of Advanced Ceramic Materials, Technische Universitaet Berlin, Berlin, Germany
10:35–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Joshikazu Suzuki, Rodrigo Moreno				
11:00–11:25	Dong-Kyun Seo <i>Invited</i>	812	New aluminosilicate nanoaggregates synthesis from low-temperature geopolymerization processes	School of Molecular Sciences, Arizona State University, Tempe, Arizona, USA
11:25–11:50	Giorgia Franchin <i>Invited</i>	172	Additive Manufacturing with inorganic polymers: an alternative to the powder-binder approach	Dipartimento di Ingegneria Industriale, University of Padova, Padova, Italy
11:50–12:05	Federico Veronesi	178	Sol–gel routes in different media to obtain nanostructured, superhydrophobic coatings on copper surfaces	Institute of Science and Technology for Ceramics, National Research Council, Faenza, Italy
12:05–12:20	Branko Z. Matovic	244	Synthesis and characterization of nanometric gadolinia powders by low temperature solid-state displacement reaction	Institute for Nuclear Sciences, Centre of Excellence-CextremeLab Vinca, University of Belgrade, Belgrade, Serbia
12:20–12:35	Johanna E.M. Schmidt	361	Additive manufacturing of ceramics from preceramic polymers: from nanometers to centimeters	Department of Industrial Engineering, University of Padua, Padua, Italy
12:35–12:50	Wu Zhen	252	Porous γ -(Y _{1-x} Ho _x) ₂ Si ₂ O ₇ thermal insulator with excellent strength retention at high temperature	High-performance Ceramics Division, Institute of Metal Research CAS, Shenyang, China

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T03: Advanced structural ceramics

Room PÁTRIA

Time	Name	Abstract ID	Title	Affiliation
Chairs: Jon Binner, Bill Fahrenholtz				
08:30–08:55	Pavol Šajgalik <i>Invited</i>	819	Electrically conductive ceramics – processing and properties	Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovak Republic
08:55–09:20	Jingyang Wang <i>Invited</i>	117	Thermal insulation ceramics initiative: from crystal structure modification to morphology design	High-performance Ceramics Division, Shenyang National Laboratory for Materials Science, Institute of Metal Research, Chinese Academy of Sciences, Shenyang, China
09:20–09:35	Ondrej Hanzel	416	Anisotropy of properties of silicon carbide – graphene composites	Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovak Republic
09:35–09:50	Sinem Baskut	746	Anisotropic mechanical, thermal and electrical properties of SPSeD aluminum nitride-graphene platelets composites	Department of Materials Science and Engineering, Anadolu University, Eskisehir, Turkey
09:50–10:05	Sang Whan Park	160	Mechanical and electrical properties of liquid phase sintered porous SiC using $\text{Al}_2\text{O}_3\text{-Y}_2\text{O}_3\text{-SiO}_2$ as sintering additives	Materials Architecturing Research Center, Korea Institute of Science and Technology, Seoul, Korea
10:05–10:20	Jie Zhang	158	Design and characterization of substoichiometric zirconium carbides for Gen-IV Very High Temperature Reactors (VHTRs)	Shenyang National Laboratory for Materials Science, Institute of Metal Research, Chinese Academy of Sciences, Shenyang, China
10:20–10:35	Luchao Sun	701	Microstructures and properties of bulk $\text{Al}_2\text{O}_3/\text{Y}_3\text{Al}_5\text{O}_{12}$ eutectic ceramics prepared by different methods	Institute of Metal Research, Chinese Academy of Sciences, Shenyang, China
10:35–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Federic Monteverde, Ferhat Kara				
11:00–11:25	Zhengyi Fu <i>Invited</i>	050	New sintering process for high density and limited grain growth with plastic deformation as dominating mechanism	State Key Lab of Advanced Technology for Materials Synthesis and Processing, Wuhan University of Technology, Wuhan, China
11:25–11:50	Katrin Schönfeld	110	Development of environmental barrier coatings for SiC/SiC ceramic matrix composites	FhG IKTS Dresden, Germany
11:50–12:05	Cekdar Vakifahmetoglu	139	Aligned porosity SiOC ceramics	Department of Mechanical Engineering, Istanbul Kemerburgaz University, 34217, Istanbul, Turkey
12:05–12:20	Chengying Bai	042	High-porosity foamed geopolymers by the frothing/peroxide route for water purification and thermal insulation	Department of Industrial Engineering, University of Padova, Padova, Italy
12:20–12:35	Pavol Hvizdos	120	Wear damage and fracture of SiC based composites with graphene and carbon nanotubes	Institute of Materials Research (SAS), Košice, Slovak Republic
12:35–12:50	Mufit Akinc	043	Processing and oxidation behavior of ZrB ₂ -SiC-AlN composites	Department of Materials Science and Engineering, Iowa State University, Ames, Iowa, USA
12:50–13:05	Darunee Wattanasiriwech	279	Fly ash based-cordierite containing mullite geopolymer composite	Materials for Energy and Environment Research Group, School of Science, Mae Fah Luang University, Thailand

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T04: Electroceramics and optical materials

Room BARTÓK

Time	Name	Abstract ID	Title	Affiliation
Chairs: Vladimir V. Srdic, Rosa I. Merino				
08:30–08:55	Adrian Goldstein <i>Invited</i>	878	Transparent ceramics and glasses containing TM ⁺ (RE ⁺) cations: spectroscopy, materials and applications	Israel Ceramic and Silicate Institute, Technion City, Haifa, Israel
08:55–09:20	Hidehiro Kamiya <i>Invited</i>	492	Molecular design of organic ligands for functional inorganic nanoparticles dispersion in organic solvents and polymer	Graduate School of Bio-Applications and Systems Engineering, Tokyo University of Agriculture and Technology, Koganei, Tokyo, Japan
09:20–09:35	Jan Hostaša	232	Investigation of silicon content and distribution in YAG ceramics during the production process	CNR-ISTEC, Institute of Science and Technology for Ceramics, National Research Council of Italy, Faenza, Italy
09:35–09:50	Sung-Eun Choi	455	High transmittance infrared ray ZnS lens prepared by hot pressing using homogeneous cubic ZnS nano-powders	Department of Materials Science and Engineering, Korea University, Anam-Dong, Korea
09:50–10:05	Robert Klement	446	Photoluminescence of Eu ³⁺ /Eu ²⁺ doped glass microspheres in the system Y ₂ O ₃ -Al ₂ O ₃ with eutectic composition	Vitrum Laugaricio – Joint Glass Center of the IIC SAS, TnU AD, and FCHPT STU, Trenčín, Slovak Republic
10:05–10:20	Julia Sarthou	393	Experimental and theoretical study of Yb:CAF ₂ transparent ceramics thermal properties	Chimie ParisTech, PSL Research University, CNRS, Institut de Recherche de Chimie Paris, Paris, France
10:20–10:35	Shao-Ju Shih	306	Surface modification of staring powder for multifunctional transparent titanate ceramics	Department of Materials Science and Engineering, National Taiwan University of Science and Technology, Taiwan
10:35–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Jean-Marc Tulliani, Eung Soo Kim				
11:00–11:25	Alexandre Zirpoli Simoes <i>Invited</i>	111	Towards CO sensors based on lanthanum doped cerium dioxide thick films	UNESP-Engineering Faculty of Guaratingueta Materials Science and Technology Department, Brazil
11:25–11:50	Clive Randall <i>Invited</i>	946	Sucking the heat out of ceramic processing	The Pennsylvania State University, University Park, PA, USA
11:50–12:05	Lilia Qassym	409	New dielectric material for co-sintering with LTCC microwave garnet	Laboratoire de Chimie et des Matériaux Multifonctionnels, THALES Research and Technology, Palaiseau, France
12:05–12:20	Wenjea J. Tseng	055	TeO ₂ /SnO ₂ hybrid nanowire structures for enhanced room-temperature gas sensing	Department of Materials Science and Engineering, National Chung Hsing University, Taiwan
12:20–12:35	Pedro M. Faia	054	Structural and electrical characterisation of composite humidity fibre sensors prepared by electrospinning	CEMMPRE, Electrical and Computers Engineering Department, Faculty of Sciences and Technology of the University of Coimbra, Coimbra, Portugal
12:35–12:50	Leandro S.R. Rocha	126	Novel gas sensor with dual response under CO _(g) exposure: optical and electrical stimuli	FEG – UNESP Materials and Technology, Brazil
12:50–13:05	Lidia Rossi	633	Thermal coarsening of metal-on-oxide nanowire thin films	Laboratory of Physics of Complex Matter, Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland
13:05–13:20	S. Samet Kaplan	382	Hexagonal tungsten trioxide produced by novel solution combustion method	Department of Metallurgical and Materials Engineering, Istanbul Technical University, Sariyer, Istanbul, Turkey

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T06: Ceramics and glasses for healthcare

Room LEHÁR

Time	Name	Abstract ID	Title	Affiliation
Chairs: Francis Cambier, Jose M. Ferreira				
08:30–08:55	Jerome Chevalier <i>Invited</i>	733	Resorption of calcium phosphate materials: considerations on the <i>in vitro</i> evaluation	Univ. Lyon, INSA de Lyon, MATEIS UMR CNRS 5510, Bât. Blaise Pascal, Villeurbanne, France
08:55–09:20	Sudipta Seal <i>Invited</i>	848	Tuning nanoceramics for angiogenesis and its potential in cancer therapy	Nanoscience Technology Center and Advanced Materials Processing Analysis Center, USA
09:20–09:35	Tomasz Troczynski	114	Progress in calcium-magnesium phospho-silicate hydraulic bio-cements for dentistry and orthopedics	Materials Engineering, University of British Columbia, Vancouver B.C., Canada
09:35–09:50	Fei Zhang	805	Dental restorative ceramics: balance between aesthetics, mechanical properties and long-term stability	University of Lyon, UMR CNRS 5510 (MATEIS), INSA de Lyon, France
09:50–10:05	Franziska Schmidt	798	Sol-gel derived mesoporous glasses with high surface area and good bioactivity	Chair of Advanced Ceramic Materials, Technische Universitaet Berlin, Berlin, Germany
10:05–10:20	Emrah Dölekçekiç	794	Seeding of lithium disilicate glass–ceramics for enhanced fracture toughness	Department of Materials Science and Engineering, Anadolu University, Yunus Emre Campus Eskişehir, Turkey
10:30–11:00	Coffee Break			
Chairs: Anne Leriche, Sudipta Seal				
11:00–11:25	Anna Tampieri <i>Invited</i>	951	Nature-inspired innovative processes to generate smart materials for regenerative medicine	Institute of Science and Technology for Ceramics, National Research Council, Faenza, Italy
11:25–11:50	Aldo R. Boccaccini <i>Invited</i>	960	Expanding applications of bioactive glasses in tissue engineering and wound healing	Institute of Biomaterials, University of Erlangen-Nuremberg, Erlangen, Germany
11:50–12:05	Maria Binner	791	Photolymerization to prepare polymeric-ceramic composites for bone regeneration	Ceramic Department, CSIC, Madrid, Spain
12:05–12:20	Romain Trihan	670	Cancer diagnosis & therapy using functionalized inkjet-printed mesoporous silica microdots	Science of Ceramic Processing & Surface Treatments laboratory (SPCTS), UMR CNRS 7315, Limoges, France

Time	Name	Abstract ID	Title	Affiliation
12:20–12:35	Endre Horvath	624	Cleaning with photons: challenges and opportunities of photocatalytic water and air sterilization	Laboratory of Physics of Complex Matter, Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland
12:35–12:50	Kathleen O'Connell	449	The potential of high borate glasses for transarterial embolization	Dalhousie University, Halifax, Canada
12:50–13:05	Andraž Kocjan	792	The phase-partitioning-dependent residual stress evolution in 3Y-TZP ceramics affecting ageing and fracture behaviour	Department for Nanostructured Materials, Jožef Stefan Institute, Ljubljana, Slovenia

Wednesday

Wednesday, July 12, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
8:30–10:30	T03	T04	T06	T09	T01	T11
10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T08: The ceramics genome: modelling, simulation and *in-situ* experimentation

Room BRAHMS

Time	Name	Abstract ID	Title	Affiliation
Chairs: Ehrenfried Zschech, Katalin Balázsi				
11:00–11:25	Wai-Yim Ching <i>Invited</i>	083	<i>Ab initio</i> modelling of structure and properties of cements	Department of Physics and Astronomy, University of Missouri-Kansas City, Kansas City, MO, USA
11:25–11:50	Masahiro Yoshimura <i>Invited</i>	886	Importance of soft processing (= low-energy production) of advanced ceramic materials for sustainable society	Dept of Mater., Sci. and Eng., National Cheng Kung University, Tainan, Taiwan
11:50–12:15	Sophia B. Betzler <i>Invited</i>	676	<i>In situ</i> observation of the heat-induced phase transformation of 3D hierarchical niobium oxide nanostructures with atomic resolution	Max Planck Institut für Festkörperforschung, Stuttgart, Germany
12:15–12:30	Jiemin Wang	447	Theoretical modeling the magnetic properties of $(\text{Cr}_{2/3}\text{M}_{1/3})_3\text{AX}_2$ ($\text{M} = \text{Ti}, \text{V}, \text{A} = \text{Al}, \text{Si}, \text{P}, \text{S}, \text{Ge}, \text{Ga}, \text{X} = \text{C}, \text{N}$) tailored by chemical compositions	High Performance Ceramics Division, Institute of Metal Research, Chinese Academy of Sciences, Shenyang, Liaoning, China
12:30–12:45	Vincent Guérineau	384	<i>In situ</i> study of the oxidation of ZrB_2 and HfB_2 -based ceramics through laser-induced fluorescence from BO_2	ONERA – The French Aerospace Lab, Châtillon, France

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	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T09: Boron-based ceramics

Room BRAHMS

Time	Name	Abstract ID	Title	Affiliation
Chairs: Tu Rong, Alexander Mukasyan				
08:30–08:55	Diletta Sciti <i>Invited</i>	144	Processing and properties of B ₄ C-based systems combined with TiB ₂ and SiC	ISTEC-CNR, Institute of Science and Technology of Ceramics, Faenza, Italy
08:55–09:10	Ghatu Subhash	067	Ultra-high pressure deformation and Raman spectra of boron carbide and its polymorphs	Mechanical and Aerospace Engineering, University of Florida, Gainesville, FL, USA
09:10–09:25	Cassandre Piriou	072	Contribution to the thermodynamic study and oxidation behavior of HfB ₂ -SiC ultra-high temperature ceramics	SPCTS-CNRS, UMR 7315, Centre Européen de la Céramique (CEC), Limoges Cedex, France
09:25–09:40	Pavlo P. Barvitskiy	369	Sintering and properties of AlB ₁₂ C ₂ – based materials	Institute for Superhard Materials of the National Academy of Sciences of Ukraine, Kiev, Ukraine
09:40–09:55	İrem N. G. Şimşek	470	Microstructural design of melt infiltrated boron carbide – aluminum ceramic – metal composites via spark plasma sintering	Department of Metallurgical and Materials Engineering, Bulent Ecevit University, Zonguldak, Turkey
09:55–10:10	Dmitry Moskovskikh	466	Reactive spark plasma sintering of boron carbide nanostructured ceramics	National University of Science and Technology MISIS, Moscow, Russia
10:10–10:25	Nicolas Pradeilles	894	Influence of the chemical composition on the mechanical properties of spark plasma sintered boron carbide ceramics	SPCTS-CNRS, UMR 7315, Centre Européen de la Céramique (CEC), Limoges Cedex, France

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	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T08	T01	T11
13:00–14:30	Lunch					

T11: Refractories

Room MOZART

Time	Name	Abstract ID	Title	Affiliation
Chairs: Suat Yilmaz, Jacek Szczerba				
08:30–08:55	Victor C. Pandolfelli <i>Invited</i>	091	Reflections on refractory materials and their evaluation	Materials Engineering, Federal University of São Carlos, Brazil
08:55–09:20	Carmen Baudin <i>Invited</i>	715	The main role of silica gel technology on alumina castables	Instituto de Cerámica y Vidrio, CSIC, Madrid, Spain
09:20–09:35	Nicolas Preux	033	High temperature mechanical characterisation of <i>in situ</i> forming spinel-alumina castables, using magnesia or magnesite as raw materials	Belgian Ceramic Research Centre, Mons, Belgium
09:35–09:50	Jacques Poirier	073	An improved corrosion and thermal shock resistant sintered mullite-zirconia refractory	CNRS, CEMHTI UPR 3079, University of Orléans, France
09:50–10:05	Daniela Olevano	962	Degradation of silicon carbide based refractories in CFB plants under co-combustion conditions	Centro Sviluppo Materiali S.p.A., Rome, Italy
10:05–10:20	Andrzej M. Warchał	251	Investigation of the influence of metallic additives on the thermo-mechanical properties of carbon-bonded refractory composites	Vesuvius, Feignies, France
10:20–10:35	Ilona Jastrzębska	665	Hercynite as active spinel	AGH University of Science and Technology, Kraków, Poland
10:35–11:00	Coffee Break			
Chairs: Andreas Börger, Victor C. Pandolfelli				
11:00–11:25	Sido Sinnema <i>Invited</i>	868	Applied research on and application of refractory materials in an industrial environment	Ceramics Research Centre, Tata Steel Europe, Ijmuiden, the Netherlands
11:25–11:40	Dániel Veres	756	Investigation of the mechanical and thermomechanical properties of carbon-bonded alumina refractories with reduced carbon content due to nano- and microscale additives	Institute of Ceramic, Glass and Construction Materials, TU Bergakademie Freiberg, Freiberg, Germany
11:40–11:55	Andreas Börger	464	Granulated RTP magnesia stabilised zirconia for refractories	CARRD GmbH, Villach, Austria
11:55–12:10	Enrico Storti	732	Impact of surface functionalization of carbon-bonded filters on steel cleanliness	Institute of Ceramic, Glass and Construction Materials, TU Bergakademie Freiberg, Freiberg, Germany
12:10–12:25	Hong Peng	854	Microsilica as anti-hydration agent for basic refractory castables	Elkem Silicon Materials, Kristiansand, Norway
12:25–12:40	Giuliana Bonvicini	614	Development of aluminium titanate/porcelain ceramic matrix composites having high thermal shock resistance	CENTRO CERAMICO BOLOGNA, Bologna, Italy

Thursday, July 13, 2017

Thursday, July 13, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

T02: High temperature processes and advanced sintering

Room MOZART

Time	Name	Abstract ID	Title	Affiliation
Chairs: Suk Joong Kang, Junichi Hojo				
08:30–08:45	Maxim Sokol	644	Inverse hall-petch relation in nanostructured oxide ceramics fabricated by high-pressure SPS	Department of Materials Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel
08:45–09:00	Martin Kachlik	784	Processing of single phase EuTiO_3 bulk ceramics – the effect of processing conditions	CEITEC BUT, Brno University of Technology, Brno, Czech Republic
09:00–09:15	Séverin Chaigne	569	Study of the shaping and sintering ability of lanthanide oxide powders	Laboratoire Sciences des Procédés Céramiques et de Traitements de Surface, UMR CNRS 7315, Limoges, France
09:15–09:30	Burak Cagri Ocak	493	Solid solution formation and mechanical properties of ZRC ceramics enhanced by tic particles and graphene	Istanbul Technical University, Department of Metallurgical and Materials Engineering, Istanbul, Turkey
09:30–09:45	Vaclav Pouchly	766	<i>In situ</i> study of densification at high heating rates	Brno University of Technology, CEITEC BUT, Brno, Czech Republic
09:45–10:00	Laurent Brissonneau	359	Joining steel to yttria doped hafnia with a reactive brazing for a potentiometric oxygen sensor in sodium	CEA/DEN/DTN/SMTA/LIPC, Cadarache, St-Paul lez Durance, France
10:00–10:15	Seyed Amir Ghaffari	021	Densification and mechanical behavior of spark plasma sintered $\text{Ta}_{0.8}\text{Hf}_{0.2-x}\text{Zr}_x\text{C}$ ($x = 0-0.2$)	Iran University of Science and Technology, Tehran, Iran

T01: New developments in processing and synthesis with a special focus on additive manufacturing
Room MOZART

Time	Name	Abstract ID	Title	Affiliation
Chairs: Dong-Kyun Seo, Andrzej Calka				
11:00–11:25	Alberto Vomiero <i>Invited</i>	836	Composite ceramic nanostructures for high-efficiency sunlight conversion	Division of Materials Science, Department of Engineering Sciences and Mathematics, Luleå University of Technology, Luleå, Sweden
11:25–11:40	Alberto Moure	145	Role of the interfaces in metal-ceramic nanocomposites processed by novel routes in air	Instituto de Cerámica y Vidrio, CSIC, Madrid, Spain
11:40–11:55	Koji Morita	705	Fabrication of transparent MgAl ₂ O ₄ spinel using spark-plasma-sintering (SPS) technique by suppressing discoloration	National Institute for Materials Science (NIMS), Tsukuba, Ibaraki, Japan
11:55–12:10	Yoshikazu Suzuki	523	MgTi ₂ O ₅ and related pseudobrookite-type ceramics	Faculty of Pure and Applied Sciences, University of Tsukuba, Ibaraki, Japan
12:10–12:25	Lu Song	720	Laser melting initiated deeper structural heterogeneity in oxide ceramics	School of Materials Science and Engineering, Tsinghua University, Beijing, P. R. China
12:25–12:40	Frantisek Lofaj	268	Tribological behavior of HiTUS W-doped hydrogenated carbon based coatings	Institute of Materials Research of SAS, Košice, Slovak Republic
12:40–12:55	Luca Zoli	526	Borothermal reduction of group IV and V metal oxide with NaBH ₄ : synthesis and characterization of metal diboride nanocrystals	CNR-ISTEC, National Research Council of Italy, Institute of Science and Technology for Ceramics, Faenza, Italy
13:00–14:30	Lunch			
Chairs: Andreas Kaiser, Giorgia Franchin				
14:30–14:45	Ousseïni Marou Alzouma	095	Influence of different external lubricants and their deposition mode on nuclear fuel green pellets during cold compaction	Laboratoire des Combustibles Uranium, CAD/DEN/DEC/SFER/LCU CEA Cadarache, Saint-Paul-Lez Durance, France
14:45–15:00	Sophie Cailliet	125	Synthesis of Ce-TZP – Al ₂ O ₃ for dental applications – shaping by stereolithography	CEA Grenoble LITEN/DTNM/SERE/LRVM, France
15:00–15:15	Johannes Homa	186	Additive manufacturing of monolithic catalysts	Lithoz GmbH, Vienna, Austria
15:15–15:30	Burcu Apak	270	Light weight metallic additive effect on ballistic performance of spark plasma sintered B ₄ C	Metallurgical and Materials Engineering Department, Istanbul Technical University, Istanbul, Turkey
15:30–15:45	Pavel V. Evdokimov	637	Osteoconductive ceramics of complex geometry fabricated by stereolithography	Materials Science Department, Lomonosov Moscow State University, Moscow, Russia
15:45–16:00	Simge Çınar	956	Hydration layer: a potential key to manage colloidal processing of oxide nanopowder suspensions	Dept. of Metallurgical and Materials Engineering, Middle East Technical University, Ankara, Turkey

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

T03: Advanced structural ceramics

Room PÁTRIA

Time	Name	Abstract ID	Title	Affiliation
Chairs: Zbigniew Pędzich, Eugenio Zapata-Solvas				
08:30–08:55	Yoshio Sakka <i>Invited</i>	301	Texturing and mechanical properties of MAX phase ceramics and Zr(Hf)B ₂ -base ultra-high temperature ceramics	National Institute for Materials Science, Tsukuba, Ibaraki, Japan
08:55–09:20	David E.J. Armstrong <i>Invited</i>	957	Multiscale mechanical testing and characterization of SiC/SiC composites for accident tolerant nuclear fuel	Department of Material Science, University of Oxford, UK
09:20–09:35	Eugenio Zapata-Solvas	218	A study on the feasibility of Zr _{n+1} AlC _n and Zr _{n+1} SiC _n MAX phases for future fission environments	Centre for Nuclear Engineering, Department of Materials, Imperial College London, London, UK
09:35–09:50	Véronique Gauthier-Brunet	671	Synthesis and characterization of a new [Ti _{1-x} Cu _x]3[Al(1-x)Cu _x]C ₂ max phase solid solution with adjustable substitution rates	Institut PPRIME, CNRS/Université de Poitiers/ENSMA, Chasseneuil du Poitou-Futuroscope Cedex, France
09:50–10:05	Myroslav Karpets	662	Structure, mechanical characteristics and stability of (Ti,Nb)-Al-C MAX-phases-based composites in hydrogen and oxidizing atmosphere	Institute for Superhard Materials of the National Academy of Sciences of Ukraine, Kiev, Ukraine
10:05–10:20	Olga Yu Kurapova	098	The investigation of zirconia based precursors and ceramics via thermodynamic approaches	Institute of Chemistry, St Petersburg State University, St. Petersburg, Russia
10:30–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Joshio Sakka, Mirosław M. Bucko				
11:00–11:25	Dominique Hautcoeur	181	Characterisation of anisotropic thermal conductivity of ceramic/ metal composites using freeze casted ceramic preform	CRIBC - Centre de Recherche de l'Industrie Belge de la Céramique Research and Technological Support Department, Belgium
11:25–11:40	Abilio P. Silva	403	CaZrO ₃ -MgO multiphase ceramics obtained from natural and pure raw materials	Centre of Mechanics and Aerospace Science and Technologies (C-MAST-UBI), Universidade da Beira Interior, Covilhã, Portugal
11:40–11:55	Andy Nieto	431	Towards sandphobic thermal barrier coatings (TBCs) – characterization of YSZ-based TBCs exposed to sand laden combustion flows	Vehicle Technology Directorate, US Army Research Laboratory, Aberdeen Proving Ground, MD, USA
11:55–12:10	Mieke W.J. Luiten-Olieman	347	Silica membranes for selective separation of small gasses under hydrothermal conditions	Inorganic Membranes, MESA+ Institute for Nanotechnology, University of Twente, Enschede, Netherlands
12:10–12:25	Lu Bowen	182	Sintering resistance of advanced plasma-sprayed thermal barrier coatings with vertical cracks and columnar structures	Forschungszentrum Jülich GmbH, Jülich, Germany
12:25–12:40	Christian Thieme	283	Surface and volume crystallization in glasses from the system BaO-SrO-ZnO-SiO ₂	Fraunhofer Institute for Microstructure of Materials and Systems, Halle, Germany
12:40–12:55	Burak Cagri Ocak	952	Microstructure and mechanical properties of NbB ₂ /SiC-GNP composites	Istanbul Technical University, Department of Metallurgical and Materials Engineering, Istanbul, Turkey
13:00–14:30	Lunch			
Chairs: Pavol Hvizdos, Jingyang Wang				
14:30–14:45	Zdeněk Chlup	747	Heat treatment effect on the microstructural changes in the vicinity of fibre matrix interfaces of SiOC based composites	Institute of Physics of Materials, v.v.i., ASCR, Brno, Czech Republic
14:45–15:00	Rafael Cabezas-Rodriguez	482	Chemical interaction of CMAS with yttrium silicate environmental barrier coatings materials in combustion environments	Dpto. Física de la Materia Condensada, Universidad de Sevilla, Sevilla, Spain
15:00–15:15	Bora Maviş	385	Near zero thermal expansion ZrW ₂ O ₈ /ZrO ₂ composites	Department of Mechanical Engineering, Hacettepe University, Ankara, Turkey
15:15–15:30	Byung-Koog Jang	284	Thermo-chemical properties of re-silicate environmental barrier coatings	Research Center for Structural Materials, NIMS, Tsukuba, Japan

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

T04: Electroceramics and optical materials

Room BARTÓK

Time	Name	Abstract ID	Title	Affiliation
Chairs: Barbara Malic, Adelina Ianculescu				
08:30–08:55	Jakub Vít <i>Invited</i>	833	Static and dynamic magnetoelectric coupling in multiferroic hexaferrites	Department of Dielectrics, Institute of Physics, Czech Academy of Sciences, Prague, Czech Republic
08:55–09:10	Eung Soo Kim	680	Quality factor control of MgTiO ₃ -based ceramics by cation substitution	Department of Materials Engineering, Kyonggi University, Suwon, Gyeonggi-do, Korea
09:10–09:25	Chang Shu	625	A 3-D phase diagram of lead-free z(Ba _{1-x} Ca _x)TiO ₃ -(1-z) Ba(Zr _y Ti _{1-y})O ₃ piezoceramics system determined by Raman spectroscopy	School of Metallurgy and Materials, University of Birmingham, Birmingham, UK
09:25–09:40	Benjamin V.T. Hanby	395	Magnetron sputtered ceramics for high temperature electrical insulation	Advanced Materials Research Group, Faculty of Engineering University of Nottingham, Nottingham, UK
09:40–09:55	Bjoern Mieller	474	Effect of electrode configuration on dielectric strength testing	Division Advanced Technical Ceramics, Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin, Germany
09:55–10:10	Rémy UI	386	Internal field in asymmetric P–E curves of BaTiO ₃ :Co piezo ceramics by defect dipoles orientation	Thales Research & Technology-France, Palaiseau Cedex, France
10:30–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Jörg Töpfer, Carmen Galassi				
11:00–11:15	S. Suasmoro	116	Local distortion determination of the (1-x)(K _{0.5} Na _{0.5})NbO ₃ -x(Ba _{0.8} Sr _{0.2})TiO ₃ system and their influence on the electrical properties	Department of Physics, Institute of Technology ‘Sepuluh Nopember’ Surabaya, Surabaya, Indonesia
11:15–11:30	Andreas B. Richter	632	Overcoming barriers of lead-free piezoceramics – spray-pyrolysis as a preferred synthesis route	Ceramic Powder Technology AS (Cerpotech), Tiller, Norway
11:30–11:45	Ashish Agarwal	122	Investigation of crystal structure and magnetic properties of Ba and Nd co-doped BiFeO ₃ multiferroics at morphotropic phase boundaries	Guru Jambheshwar University of Science and Technology Department of Physics, India
11:45–12:00	Hyunae Cha	312	Size effects of BiT template on piezoelectric properties of textured BNKT ceramics by screen-printing method	Funtional Nanopowder Materials Dept., Korea Institute of Materials Science, Changwon, Korea
12:00–12:15	Fidel Toldra-Reig	943	Ionic conductor device for selective detection of hydrocarbons on diesel exhaust gases	Instituto de Tecnología Química (Universidad Politécnica de Valencia - Consejo Superior de Investigaciones Científicas), Valencia, Spain
12:15–12:30	Jean-Marc Tulliani	817	New ZnO-based glass ceramic sensor for H ₂ and NO ₂ detection	Politecnico di Torino, Department of Applied Science and Technology, Torino, Italy
12:30–14:30	Lunch			
Chairs: Wolfgang Preis, Musa M. Can				
14:30–14:45	Shahab Khamenehasl	191	Flexible micro supercapacitor based on laser scribed graphene (LSG)	Department of Materials Engineering, University of Tabriz, Tabriz, Iran
14:45–15:00	Peter Supancic	987	Electrical properties of ZnO varistors – inhomogeneities and anisotropic effects on the macroscopic and microscopic scale	Institut für Struktur- und Funktionskeramik, Montanuniversitaet Leoben, Leoben, Austria
15:00–15:15	M. Seref Sonmez	375	Vanadium oxide production by solution combustion synthesis	Department of Metallurgical and Materials Engineering, Istanbul Technical University, Sariyer, Istanbul, Turkey
15:15–15:30	Nikola Tasić	432	Nanosized titania particles for application in photocatalysis	Institute for Multidisciplinary Research, Department of Materials Science, University of Belgrade, 11000 Belgrade, Serbia

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10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

T05: Ceramics for novel energy conversion, storage and use

Room LISZT

Time	Name	Abstract ID	Title	Affiliation
Chairs: Glenn C. Mather, Henny Bouwmeester				
08:30–08:55	Ivano E. Castelli <i>Invited</i>	862	High-throughput screening of ceramic materials for light absorption	Department of Chemistry, University of Copanhagen, Copenhagen, Denmark
08:55–09:20	Nicholas C. Bristowe <i>Invited</i>	899	Design principles for perovskite photoferroics	School of Physical Sciences, University of Kent, Canterbury, UK
09:20–09:35	Ondrej Jankovsky	053	Phase equilibria modelling in Bi-Sr-Co-O system involving phases with variable oxygen stoichiometry	Department of Inorganic Chemistry, University of Chemistry and Technology Prague, Prague, Czech Republic
09:35–09:50	Melike Mercan Yildizhan	527	Fingerprinting compounds in Li ₂ O-TiO ₂ phase diagram with electron energy loss spectroscopy	Sabanci University, Faculty of Engineering and Natural Sciences, Istanbul, Turkey
09:50–10:05	Jens Q. Adolphsen	574	Development of porous electrodes with tailored microstructure for high temperature and pressure alkaline electrolysis cells (HTP-AEC)	Department of Energy Conversion and Storage, Technical University of Denmark, Roskilde, Denmark
10:05–10:20	Alessia Masini	484	Mechanical characterisation of multi-layered ceramic systems for SOC	Institute of Physics of Materials, AS CR, Brno, Czech Republic
10:20–10:35	Elisa Mercadelli	631	Screen printed cathode layers with enhanced adhesion through plasma-modification of substrates surface	Institute of Science and Technology for Ceramics, National Council of Research (ISTEC-CNR), Faenza, Italy
10:35–11:00	Coffee Break			
Chairs: Schulze-Küppers Falk, Vladislav Sadykov				
11:00–11:15	Falk Schulze-Küppers	706	Development of asymmetric dual phase composite oxygen transport membranes	Forschungszentrum Jülich, Institute of Energy and Climate Research, Juelich, Germany
11:15–11:30	Jon Echeberria	606	Development of porous SiC using the sacrificial template technique for nuclear fusion applications	Ceit-IK4 Technology Center and TECNUN (Universidad de Navarra), San Sebastián, Spain
11:30–11:45	Imrana I. Kabir	303	Effects of substrate contamination of photocatalytic TiO ₂ thin films	School of Materials Science and Engineering, UNSW Sydney, Sydney, Australia

Time	Name	Abstract ID	Title	Affiliation
11:45–12:00	Aleksey Yaremchenko	611	Designing the composite $\text{SrVO}_3\text{-SrTiO}_3$ anodes for hydrocarbon-fueled solid oxide fuel cells	CICECO – Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal
12:00–12:15	Ali Semih Yurttaş	350	Preparation of alumina supports for the fabrication of high flux thin membranes	Department of Chemical Engineering, Ankara University, Ankara, Turkey
12:15–12:30	Wendelin Deibert	383	Stability and sintering of magnesium oxide as a substrate material for lanthanum tungstate membranes	Forschungszentrum Jülich GmbH, Institute of Energy and Climate Research, Materials Synthesis and Processing (IEK-1), Jülich, Germany
12:30–12:45	Hesam Alddin Mohammadi	262	Non hydrophobic CNT/mesoporous carbon monolith as high energy performance flow through electrodes in CDI process	Center of Excellence for Ceramic Materials in Energy and Environment Applications, School of Metallurgy and Materials Engineering, Iran University of Science and Technology (IUST), Narmak, Tehran, Iran
12:45–13:00	Gurpreet Singh	046	Three-dimensional polymer-derived ceramic composite paper electrode for electrochemical energy storage applications	Kansas State University, USA
13:00–14:30	Lunch			
Chairs: Domingo Pérez-Coll, Servet Turan				
14:30–14:45	David Udomsilp	175	Optimization of (La,Sr)(Co,Fe) O_3 cathodes aiming on high performance and enhanced durability in metal-supported fuel cells	Forschungszentrum Jülich GmbH, Institute of Energy and Climate Research – Materials Synthesis and Processing (IEK-1), Jülich, Germany
14:45–15:00	Samantha Bourrioux	198	$\text{ZnFe}_2\text{O}_4/\text{C}$ nanoparticles by laser pyrolysis: new anode material for lithium-ion batteries	CEA, IRAMIS, NIMBE, CNRS UMR 3685, GIF-SUR-YVETTE, France; Nanyang Technological University, Singapore
15:00–15:15	Peyman Khajavi	392	Mechanical properties of porous Ni(O)-YSZ solid oxide cell supports with varying Y-content	Department of Energy Conversion and Storage, Technical University of Denmark, Roskilde, Denmark
15:15–15:30	Mateusz Tarach	930	Terbium-doped perovskite-related proton conductors	Instituto de Tecnología Química (Universidad Politécnica de Valencia – Consejo Superior de Investigaciones Científicas), Valencia, Spain
15:30–15:45	Sophie Bresch	473	Pressure assisted sintering of tape casted calcium cobaltite	Division Advanced Technical Ceramics, Bundesanstalt für Materialforschung und –prüfung (BAM), Berlin, Germany
15:45–16:00	Erkul Karacaoglu	770	The photoluminescent properties of rare-earth $\text{Sm}_{1.90}\text{Eu}_{0.10}\text{Zr}_2\text{O}_7$ zirconate pyrochlore	Department of Metallurgy and Materials, Karamanoglu Mehmetbey University, Faculty of Engineering, Turkey
16:00–16:15	Andreas Egger	556	Cr/Si-poisoning of $\text{La}_2\text{NiO}_{4+\delta}$ used as air electrode in solid oxide cells	Chair of Physical Chemistry, Montanuniversitaet Leoben, Leoben, Austria

Thursday, July 13, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
8:30–10:30	T03	T04	T06	T08	T05	T02
10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

T06: Ceramics and glasses for healthcare

Room LEHÁR

Time	Name	Abstract ID	Title	Affiliation
Chairs: Paula Palmero, Aldo Bocchini				
08:30–08:55	Paola Palmero <i>Invited</i>	826	Design and processing of novel biomedical-grade nanocomposite ceramics: tailoring composition, microstructure and properties	Department of Applied Science and Technology, Politecnico di Torino, Torino, Italy
08:55–09:20	José Maria Ferreira <i>Invited</i>	370	Engineering bioactive glasses with well-balanced overall properties	Department of Materials and Ceramics Engineering, University of Aveiro, Aveiro, Portugal
09:20–09:35	Carmen Baudin	269	Diopside-tricalcium phosphate bioactive ceramics	Instituto de Cerámica y Vidrio, CSIC, Madrid, Spain
09:35–09:50	Danai Poulidi	427	Evaluation of prospective perovskite mediators for magnetic fluid hyperthermia	School of Chemistry and Chemical Engineering, Queen's University Belfast, Belfast, UK
09:50–10:05	Jimmy Xu	294	Bioceramic with self-powered fluidic delivery and lubrication	School of Engineering, Brown University, Providence, RI, USA
10:05–10:20	Camille Ortali	291	Influence of carbonate groups on the low-temperature consolidation by spark plasma sintering of phosphocalcic bioceramics	SPCTS, Université de Limoges, CNRS, ENSCI, Limoges, France
10:20–10:35	Michele Bianchi	338	Osteogenic differentiation of human dental pulp stem cells on bone-apatite like coatings obtained by Pulsed Electron Deposition	NanoBiotechnology Laboratory, Rizzoli Orthopaedic Institute, Bologna, Italy
10:35–11:00	Coffee Break			

Time	Name	Abstract ID	Title	Affiliation
Chairs: Gültekin Goller, Tomasz Troczynski				
11:00–11:25	Martijn van Griensven <i>Invited</i>	950	Natural bioglasses for bone engineering	Klinikum rechts der Isar Department of Trauma Surgery, Germany
11:25–11:50	George Stan <i>Invited</i>	080	The prospects for bio-glass implant coatings	National Institute of Materials Physics, Magurele-Illfov, Romania
11:50–12:15	Norbert K. Schneider <i>Invited</i>	884	Bone in-growth: the next step in ceramic orthopedic implants	CeramTec GmbH, Medical Products Division, Germany
12:15–12:30	Monika Furko	206	Development and characterization of multi-element doped hydroxyapatite coatings for orthopaedic applications	Centre for Energy Research, Hungarian Academy of Sciences, Budapest, Hungary
12:30–12:45	Le Fu	189	Translucent zirconia-silica glass ceramic for dental restoration: structure related mechanical strength	Applied Materials Science, Department of Engineering Science, Uppsala University, Uppsala, Sweden
12:45–13:00	Laurent Boilet	188	Micro-patterning of calcium phosphate bioceramics with femtosecond laser	Belgian Ceramic Research Centre, member of EMRA, Mons, Belgium
13:00–14:30	Lunch			
Chairs: Emrah Dolekcekic, George E. Stan				
14:30–14:45	Siamak Eqtasadi	239	Spark plasma sintering of 13-93 bioglass composites reinforced with <i>in situ</i> reduced graphene oxide	Abalonyx AS, Oslo, Norway
14:45–15:00	Bryan W. Stuart	101	Phosphate based glass/ceramic coatings for therapeutic ion leaching in orthopaedic applications	Department of Mechanical, Materials and Manufacturing Engineering (Advanced Materials Research Group), University of Nottingham, UK
15:00–15:15	Victor M. Orera	801	Design and characterization of porous ceramic membranes for passive sampler of water contaminants	Instituto de Ciencia de Materiales de Aragón, CSIC-Universidad de Zaragoza, Zaragoza, Spain
15:15–15:30	Matteo Frasnelli	415	Flash sintering of TCP	Department of Industrial Engineering, University of Trento, Trento, Italy
15:30–15:45	Amirsalar Khandan	135	Novel nanocomposite ceramic scaffold fabricated via 3D printing for cancer therapy application	Mechanical Engineering Department, Eastern Mediterranean University, North Cyprus, Gazimağusa, TRNC, Mersin 10, Turkey
15:45–16:00	Pooya Torab-Ahmadi	410	Study of effective parameters on crystallization behaviour in the erbium-doped SiO ₂ -Al ₂ O ₃ -PbF ₂ glass ceramic system for Ir-Vis upconversion applications	Ceramic Division, Department of Materials, Iran University of Science and Technology (IUST), Narmak, Tehran, Iran

Thursday, July 13, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
8:30–10:30	T03	T04	T06	T08	T05	T02
10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

T08: The ceramics genome: modelling, simulation and *in-situ* experimentation

Room BRAHMS

Time	Name	Abstract ID	Title	Affiliation
Chairs: Wai-Jim Ching, Diego Gomez Garcia				
08:30–08:55	Di Zhang <i>Invited</i>	846	Bio-inspired functional materials converted from nature species	State Key Lab of Metal Matrix Composites, Shanghai Jiao Tong University, Shanghai, China
08:55–09:20	Wang Zhang <i>Invited</i>	968	Bioinspired optical structure for enhancement infrared absorption	State Key Lab of Metal Matrix Composites, Shanghai Jiao Tong University, Shanghai, China
09:20–09:35	Gerhard Seifert	371	Experiment-based, predictive simulation of ceramic high-temperature processes	Fraunhofer-Center for High Temperature Materials and Design HTL, Bayreuth, Germany
09:35–09:50	Holger Friedrich	328	High temperature characterization using novel thermo-optical measuring devices	Fraunhofer-Institut für Silicatforschung ISC, Zentrum HTL Ceramics, Bayreuth, Germany
09:50–10:05	Nicolas Clavier	019	<i>In situ</i> HT-ESEM observation of sintering first stage of MO_2 ($M = \text{Ce, Th, U}$) microspheres	ICSM, UMR 5257 CEA/CNRS/ENSCM/Univ. Montpellier, France
10:05–10:20	Selom K.D. Kaligora	610	Identification of mechanical properties of perovskite membranes of type $\text{La}_{(1-x)}\text{Sr}_{(x)}\text{Fe}_{(1-y)}\text{Ga}_{(y)}\text{O}_{(3-\delta)}$ versus temperature and oxygen partial pressure by inverse method	Univ. Orléans, PRISME, Orléans, France

Thursday, July 13, 2017						
	Room PÁTRIA	Room BARTÓK	Room LEHÁR	Room BRAHMS	Room LISZT	Room MOZART
8:30–10:30	T03	T04	T06	T08	T05	T02
10:30–11:00	Coffee Break					
11:00–13:00	T03	T04	T06	T10	T05	T01
13:00–14:30	Lunch					
14:30–16:30	T03	T04	T06	T10	T05	T01

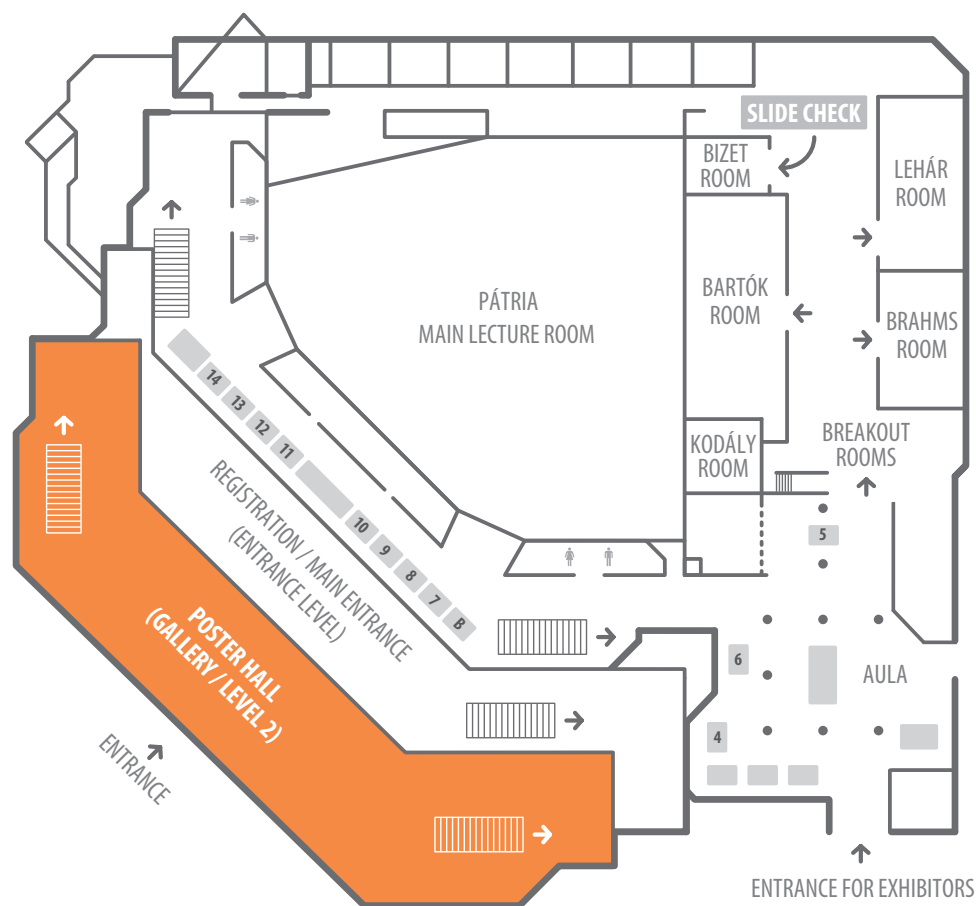
T10: Cultural heritage

Room BRAHMS

Time	Name	Abstract ID	Title	Affiliation
Chairs: Ljiljana Damjanovic, Philippe Colomban				
11:00–11:25	Philippe Sciau <i>Invited</i>	081	Transmission electron microscopy: emerging investigations for cultural heritage materials	CEMES, CNRS, Toulouse University, Toulouse, France
11:25–11:40	Ljiljana Damjanović <i>Invited</i>	215	Characterization of the Medieval pottery from the Studenica Monastery, Serbia, a UNESCO World Heritage Site	Faculty of Physical Chemistry, University of Belgrade, Belgrade, Serbia
11:40–11:55	Philippe Colomban <i>Invited</i>	028	Non-invasive on-site analysis of enamelled pottery, glass and metal. State of the art	CNRS - Sorbonne Universités, UPMC MONARIS, Paris, France
11:55–12:10	Lucilla Fabrizi	256	Preliminary results on polished surface of Phoenician red slip ware	Department of Earth Sciences, Sapienza University of Rome, Rome, Italy
12:10–12:25	Florica Matau	806	A multi-analytical investigation of the Cucuteni pottery technology from Eastern Romania	Department of Interdisciplinary Research – Field Science, Alexandru Ioan Cuza University of Iasi, Iasi, Romania
12:25–12:40	Jolien Van Pevenage	622	Combined spectroscopic analysis to study ceramics	Department of Analytical Chemistry, Ghent University, Ghent, Belgium
13:00–14:30	Lunch			
Chairs: Luos Filipe Vieira Ferreira, Trinitat Pradell				
14:30–14:45	Hyung Goo No	196	Chromatic characteristics of traditional Korean copper glaze with the addition of copper oxide and sintering atmosphere	Korea Institute of Ceramic Engineering & Technology, Icheon, Korea
14:45–15:00	Trinitat Pradell	079	Jun ware colours: chemistry and nanostructure	Universitat Politècnica de Catalunya, BarcelonaTech, Barcelona, Spain
15:00–15:15	Belinda J. Colston	063	18 th and 19 th century garden ceramics: investigation of manufacturers' stamps in relation to compositional change	School of Chemistry, University of Lincoln, Lincoln, UK
15:15–15:30	Frederic Surmely	016	Geochemical characterization of Medieval pottery from the Auvergne region of France by portable X-ray fluorescence analysis	CNRS / DRAC, Clermont-Ferrand, France

Thursday

Poster Presentations



Poster Session I. Tuesday, July 11, 2017, 17:00–19:00

- T01: New developments in processing and synthesis with a special focus on additive manufacturing
- T02: High temperature processes and advanced sintering
- T03: Advanced structural ceramics
- T12: Art and ceramics

Author(s) *	Title	Abstract ID
T01: New developments in processing and synthesis with a special focus on additive manufacturing		
<u>Sofiya Aydinyan</u> , Tatevik Minasyan, Hasmik Kirakosyan, Marina Aghayan, Irina Hussainova, Suren Kharatyan	Fabrication of Cu-Mo composites combining SHS and SLS technologies	887
<u>Demet Aydogmus</u> , Erdem Demirkesen	Solid state sintering and thermal expansion behavior of cordierite with CeO₂ and MgF₂ additions	461
<u>Ida Balczár</u> , Tamás Korim	Manufacture of alkali activated polymers from clay with mechanochemical activation	871
<u>Fereshteh Bayat</u> , Ali Beitollahi, Seyyed Mohammad Mirkazemi	Synthesis of mesoporous tin dioxide powder using polystyrene latex and CTAB	796
<u>Adrienn Boros</u> , Ida Balczár, Tamás Korim, Éva Makó	Production of inorganic polymers with different raw material activating methods based on kaolin	872
<u>Julie Bourret</u> , Imane El Younsi, Thierry Chartier, Vincent Pateloup	An innovative extrudable alumina paste containing bio-sourced organic binder	430
<u>Beate Capraro</u> , Uwe Partsch	Development of LTCC tapes for silicon-ceramics composites	934
<u>Tzu Hsuan Chiang</u> , Chen-Kai Weng	Preparation of La₂NiO₄ powders using oxalic acid process	115
Yong-Kwon Chung, Jae-Hong Koo, Shin-A Kim, Eun-Ok Chi, Jun-Young Cho, Woon-Bae Sohn, Mi-Young Kim, Jin-Sang Kim, <u>Chan Park</u>	Growth of Si₃N₄ nanowires from amorphous Si₃N₄ powders synthesized by low-temperature vapor-phase reaction	057
<u>Nicolas Clavier</u> , Jérôme Maynadié, Adel Mesbah, Nicolas Dacheux	Wet chemistry routes for morphology-controlled actinide oxides powders	130
D. Deschuyteneer, F. Petit, <u>V. Lardot</u> , F. Cambier, M. Belting, I. Ross, D. Maischner, A. Weisheit	Selective composite metal/ceramic coatings made by two-step laser cladding	910
<u>Christina Drechsel</u> , Thomas Konegger	Fabrication of Si₃N₄/SiCN layer structures with graded multiscale porosity	211
<u>Siamak Eqtessadi</u> , Azadeh Motealleh, Fidel H. Perrera, Pedro Miranda, Antonia Pajares, Rune Wendelbo, Fernando Guiberteau, Angel L. Ortiz	Fabrication of complex shaped boron carbide by robocasting and pressureless spark-plasma sintering	240
<u>Sinan S. Faouri</u> , Ian M. Reaney	Cold sintering process of magnetodielectrics for radio frequency (RF) applications	052
<u>Kazuki Fukui</u> , Yoshikazu Suzuki	Preparation of porous beta-alumina and application for water treatment filter	342
<u>Lucie Galvankova</u> , Tomas Opravil, Jiri Masilko, Eva Bartonickova	Influence of the starting conditions to tobermorite synthesis from CaO-SiO₂-H₂O system	529
<u>Magdalena Gizowska</u> , Izabela Kobus, Krzysztof Perkowski, Milena Zalewska, Gustaw Konopka, Irena Witosławska, Marcin Osuchowski	Application of solution combustion synthesis induced by microwave radiation for fabrication of yttria nanopowder	129
<u>J. Gonçalves</u> , A. Muguruza, J. Bonada, E. Xuriguera, M. Blanes, A. Gómez, J. Minguella-Canella, F. Ramos, E.A. Cirera	Additive manufacturing of functionalized LTCC ceramic material for electronic devices	912
Z. Gonzalez, J. Yus, M. Dios, A. Rodriguez, E. Gordo, <u>B. Ferrari</u>	Materials based on shaping of core-shell nanostructures prepared by chemical precipitation of hydroxides nanoparticles on the surface of particles in aqueous suspensions	809
<u>Jean-Christophe Hornez</u> , Marion Dehurtevent, Pascal Béhin, Anthony Thuault, Lieven Robberecht, Anne Leriche, Fabrice Petit, Francis Cambier	Influence of printed layer's orientation on dental ceramics manufactured by stereolithography	882

* The Presenting Author is underlined.

The entries are arranged in alphabetical order by the family name of the first author.

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T01 continued		
<u>Chi-Shiung Hsi</u> , Min-Yu Yang, Kuan-Ting Lai, Kun-Ru Liu	Influences of organic agents on the aluminium nitride tape casting process	261
<u>Yoko Kamato</u> , Yoshikazu Suzuki	Preparation and water-filter application of porous spinel ceramics	488
<u>Oleg Khasanov</u> , Edgar Dvilis, Oleg Tolkachev	Compaction of high dense metal-ceramic composite using powerful ultrasound assistance	521
<u>Alexander Khort</u> , Kirill Podbolotov	Microwave-assisted one-step SCS synthesis of composite ceramic nanomaterials	904
<u>Elena S. Klimashina</u> , Dmitry M. Zuev, Pavel V. Evdokimov, Valery I. Putlayev, Dmitry S. Larionov	Complex shapes PLA/TCP constructions for bone regeneration obtained by 3D printing	519
<u>András Kovács</u> , Éva Makó	Solvothermal synthesis of kaolinite nanoscrolls	873
<u>Alexander Kremer</u> , Michael Kramer, Rainer Telle	Direct Inkjet Printing of ceramic materials	914
<u>Dmitry S. Larionov</u> , Mariia A. Kuzina, Pavel V. Evdokimov, Elena S. Klimashina, Valery I. Putlyae	Calcium phosphates powders synthesized in non-aqueous media to fabricate osteoconductive resorbable bioceramics	525
<u>Ai-Dong Li</u> , Hai-Fa Zhai, Ji-Zhou Kong, Di-Wu	Synthesis, characterization and applications of environmentally friendly water-soluble tantalum and niobium precursors	118
<u>Tanja Lube</u> , Josef Schlacher, Walter Harrer, Gerald Mitteramskogler, Martin Schwentenwein, Robert Danzer	Strength of alumina ceramic produced by the LCM additive manufacturing technology	278
<u>Marija Milanović</u> , Ivan Stijepović, Vladimir V. Srdić	Hydrothermal synthesis of ferrite nanocomposites with core/shell structure	507
<u>Tatevik Minasyan</u> , Miguel A. Rodríguez, Le Liu, Marina Aghayan, Lauri Kollo, Irina Hussainova	Selective laser melting for manufacturing of MoSi₂/Si₃N₄ composites	590
<u>Banafsheh Mirtaheri</u> , Mohammadreza Shokouhimehr, Ali Beitollahi	Adsorptive removal of methylene blue by high surface area mesoporous tungsten oxide	418
<u>Pozhhan Mokhtari</u> , Sorour Semsari Parapari, Noyan Ozkan, Mehmet Ali Gulgun	Pozzolanic reactivity assessment of Turkish calcined clay as a cement substitution	263
<u>Erika Mudra</u> , Magdalena Streckova, Ivan Shepa, Jan Dusza	Preparation and characterization of carbon nano/microfiber membranes for ceramic matrix composite applications	533
<u>Nurşen Mutlu</u> , Nuray Canikoğlu, <u>Ali Osman Kurt</u>	Very fine AlN powder production from Al(OH)₃ using dynamic carbothermal reduction and nitridation	789
<u>David Rodríguez Vidal</u>	Solid oxide fuel cells electrolytes fabrication by stereolithography technologies	891
<u>Gabriela Vazquez-Victorio</u> , Nancy Flores-Martinez, Sophie Nowak, Souad Ammar, <u>Raul Valenzuela</u>	Magnetic exchange coupling in RSPS-consolidated hexaferrites	985
<u>J.J. Velazquez</u> , J. Mosa, G. Gorni, R. Balda, J. Fernández, <u>A. Duran</u> , Y. Castro	Sol-gel transparent nano-glass-ceramics base on SiO₂-GdF₃ matrix for optics applications	761
<u>Hsuan-Chung Wu</u> , Ju-Han Yang	Analysis of melt pool characterization during selective laser melting by numerical simulation	471
<u>E. Xuriguera</u> , E. Feilden-Irving, J. Gonçalves, E. Saiz	Robocasting and co-sintering of a multimaterial device for radiofrequency applications	941
<u>Luca Zoli</u> , Diletta Sciti, Rishi Raj	Additive manufacturing of ceramics enabled by flash pyrolysis technique of polysilazane based polymers with nanoscale layers and oxidation resistance of final composites	528

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T02: High temperature processes and advanced sintering		
H.M. Abuhimd, M.S. Alshahrani, P.S. Grinchuk, D.V. Solovei, M.O. Stepkin, A.V. Akulich, A.A. Khort	Synthesis of reaction-sintered silicon carbide ceramics by a two-stage siliconizing method	788
Youssef Achenani, Malika Saâdaoui, Abdelkhalek Cheddadi, Gilbert Fantozzi	Optimization of the thermal insulation of the die during SPS sintering	867
Haroune Rachid Ben Zine, Ákos Horvath, Filiz Cinar Sahin, Zsolt Czigan, Katalin Balazsi, Csaba Balazsi	Effect of ceramic addition on structural and mechanical properties of steel alloys	292
L.B. Caliman, D. Hotza, R.H. de Castro, D. Gouvêa	Ca-doped Magnesium Aluminate (Spinel) synthesized by precipitation route in alcoholic medium	003
Feng Cao, Xiangxiong Zeng, Zhihang Peng	Crystal structure and piezoelectric properties of (LiCeNd)-multidoped CaBi₂Nb₂O₉ Aurivillius type ceramics	199
Houria Chikh-Afir	In-situ X-ray diffraction study of alumina α-Al₂O₃ behavior	088
Carolina Clausell-Terol, Antonio Barba-Juan, Juan C. Jarque-Fonfría, Ángel R. García-Bellés	Nitrogen and fluorine effect on the crosslink density of some aluminosilicate glasses	255
Lorna Cormack, Virtudes Rubio, Jon Binner	Oxyacetylene and Oxypropane torch flame characterisation for UHTC and UHTCMC screening tests	516
Tomasz Cygan, Jaroslaw Wozniak, Marek Kostecki, Agnieszka Jastrzebska, Mateusz Petrus, Piotr Klimczyk, Piotr Putyra, Lucyna Jaworska, Andrzej Olszyna	Friction and wear of Al₂O₃-GO/RGO composites	407
B. Djebbari, F. Touahra, N. Aider, F. Bali, V.M. Gonzalez-Delacruz, K. Bacharri, J.P. Holgado, A. Caballero, D. Halliche	Ni catalysts derived from hydrotalcite for the dry reforming reaction of methane. Effect of the addition of Si	765
Mirva Eriksson, Zhijian Shen	To sinter water and oxygen sensitive materials using Spark Plasma Sintering	866
Nancy Flores, Giulia Franceschin, Souad Ammar, Raul Valenzuela	Spark Plasma Sintering: an advanced processing route for spring magnet fabrication	509
Jānis Grabis, Dzidra Jankoviča, Ints Šteins, Inta Sipola, Māra Lubāne	Parameters and sinterability of Al₂O₃-SiO₂-ZrO₂ (y₂O₃) nanoparticles	396
Petra Jenuš, Andraž Kocjan, Spomenka Kobe	Microstructural and magnetic properties of SPS and hot-magnetic press consolidated Sr-ferrite ceramics	601
V.N. Kazakova, E.G. Grigoryev	Preparation of transparent ALON ceramics by using spark plasma sintering	925
David Kok, Shikhar Krishn Jha, Emanuele Sortino, Devinder Yadav, Rishi Raj, Scott J. McCormack, Kuo-Pin Tseng, Waltraud M. Kriven, Martha L. Mecartney	Flash sintering of a three-phase alumina, spinel, and yttria-stabilized zirconia composite	945
Marek Kostecki, Jaroslaw Wozniak, Tomasz Cygan, Mateusz Petrus, Andrzej Olszyna	The SPS sintering of different size and morphological forms of silicon carbide powders	495
Amandine Lorriaux, Laurence Maillé, Arnaud Delehouzé, Patrick David	An original concept for the rapid elaboration of C/C composites: the film boiling chemical infiltration	505
Daniel Marinha, Manuel Belmonte	Mixed electronic and ionic conductivity and stability of 8YSZ/graphene bulk composites	728

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T02 continued		
<u>S.R.H. Mello-Castanho</u> , D.L. Costa e Silva, A.C. Silva, M.A. Silva	Influence of niobium on silicate glasses for nuclear waste immobilization	674
<u>Evgenia Nefedova</u> , Vladimir Goltsev, Evgeny Grigoryev, Dmitry Fokin, Konstantin Smirnov	Microstructure and strength composites beta-sialon – boron nitride obtained by spark-plasma sintering	911
<u>Milan Parchovianský</u> , Ivana Petříková, Gilvan S. Barroso, Peter Švančárek, GünterMotz, Dagmar Galusková, Dušan Galusek	Oxidation behavior of stainless steel and polymer derived ceramic coatings with passive fillers	351
<u>Krzysztof Perkowski</u> , Izabela Kobus, Magdalena Gizowska, Milena Zalewska, Marcin Osuchowski, Gustaw Konopka, Agnieszka Jaworska, Irena Witosławska	Preparation of SiC/SiC_f and SiC/C_f nanocomposites	203
<u>Mateusz Petrus</u> , Jarosław Woźniak, Tomasz Cygan, Marek Kostecki, Agnieszka Jastrzębska, Andrzej Olszyna	Influence of carbon form on sinterability of silicon carbide	499
<u>Awais Qadir</u> , Katalin Balazsi, Csaba Balazsi	Development of silicon nitride based CNT/graphene composite using hot isostatic pressing (HIP) technique	378
<u>N.A. Rubinkovskiy</u> , A.G. Zholnin, E.G. Grigoryev, M.G. Isaenkova, A.G. Astashov, I.O. Pahilo-Daryal	Preparation of transparent AlON ceramics by using spark plasma sintering	769
<u>David S. Smith</u> , Siham Oummadi, Delphine Nougulier, Arnaud Alzina, Benoit Naït-Ali	Role of particle–particle contacts in the thermophysical behaviour of green ceramic bodies during drying and firing	580
Merve Taner, <u>Gürsoy Arslan</u>	Production of functionally graded silicon carbide-titanium diboride-aluminium composites by spark plasma sintering technique and their characterization	895
Jarosław Woźniak, Tomasz Cygan, Mateusz Petrus, Marek Kostecki, Andrzej Olszyna	Cutting performance of alumina matrix composites reinforced with nickel-coated graphene	513
<u>Michiyuki Yoshida</u> , Mitsuki Hada, Yutaka Shinoda, Seizo Obata, Osamu Sakurada, Takashi Akatsu, Fumihiro Wakai	Effect of the initial stress on the densification behavior of nanostructured tetragonal zirconia by sinter-forging below 1000 °C	491
<u>Milena Zalewska</u> , Marcin Osuchowski, Magdalena Gizowska, Krzysztof Perkowski, Izabela Kobus, Gustaw Konopka, Irena Witosławska	Thermal decomposition of gallium nitride crystal growth on different conditions	352
<u>Ji Zou</u> , Salvatore Grasso, Mike Reece, Jon Binner	Flash sintering of difficult-to-densify ceramics from soft die and hard green body	092

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Author(s) *	Title	Abstract ID
T03: Advanced structural ceramics		
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Mirela Airimioaei, Cristina E. Ciomaga, Alexandra Guzu, Nadejda Horchidan, Lavinia P. Curecheriu, Nicoleta Lupu, Florin M. Tufescu, Liliana Mitoseriu	Study of microstructure and functional properties of layered BaTiO ₃ -ferrite-BaTiO ₃ magnetoelectric composites obtained by SPS method	660
Sana Algharaibeh and BoSu	Preparation and characterization of aligned alumina scaffolds using Bi-directional freeze casting	936
Simon Arnal, Fabrice Mauvy, Francis Rebillat	Yttrium silicate used as environmental barrier coating: relation between microstructure and protection efficiency	504
Suna Avcioglu, Semra Kurama	Influence of composition on optical properties of Y-α-SiAlONs	065
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Satellite Events

SE01: Advanced ceramics for dentistry

Room BRAHMS, Sunday, July 9, 2017, 13:00–18:00

The works on developing and customized manufacturing of novel advanced ceramics with improved properties for dental prosthesis, implants and guided bone regeneration, are particularly encouraged. Fundamental understanding of the interactions between ceramics on micro-to-nanoscale level and hard-to-soft tissues on protein and cell level, of the reliability of ceramic parts in relation to their hierarchical microstructures and of the feasibility of fitting the ceramic processes into a full digital clinic approach, all became of important general interest. Technologies enabling the establishment of an ecosystem based on model-free digital workflows are welcome. This satellite event aims to provide a forum for multidisciplinary discussion amongst ceramists, that is, ceramic researchers and manufacturers, dental clinicians and technicians, and biologists with the focus on challenges presented to the current and the emerging technologies, as well as to the future concepts going beyond the state of the art.

The satellite event will focus on:

- Aesthetic monolithic ceramic prosthesis
- Materials solutions for minimal invasive dentistry
- Ceramics for guided bone regeneration
- Bioactivation of surfaces of inert high strength ceramics
- Ceramic implants and abutments with enhanced healing and tissue-integration capacities
- Net-shape manufacturing of individualized ceramic components
- Advanced bonding concepts of ceramic restorations
- Ageing and fatigue of ceramic restorations
- Clinical follow-up studies of ceramic dental restorations

Chairs:

Zhijian James Shen

*Professor, Materials Chemistry
Division Department of
Materials and Environmental
Chemistry, Arrhenius
Laboratory, Stockholm
University, Sweden*



Csaba Dobó-Nagy

*Professor, Semmelweis
University,
Budapest, Hungary*



SE01 – Programme:

	Invited Speaker	Title
Sunday, July 9, 2017, Room BRAHMS		
13:00–13:40	Csaba Hegedűs	Bioactive ceramics for dentistry
13:40–14:20	Kwok-Hung Chung	Biomechanical and aesthetic demands of implant abutment structures
14:20–15:00	Lvhua Guo	Accurately made ceramic prostheses revolutionize the dental clinical solutions
15:00–15:30	Coffee Break	
15:30–16:10	Per Tidehag	Digital dentistry calls the change of ceramics and ceramic processes
16:10–16:50	Ralf-J. Kohal	Clinical application of zirconia oral implants with preclinical investigations
16:50–17:30	Sebastjan Perko	Solving adhesion issues in everyday clinical practice involving zirconia dental restorations
17:30–18:00	Zhijian James Shen	Dental ceramic prostheses: What is the next?

SE02: Smart manufacturing systems for industry

Room LEHÁR, Sunday, July 9, 2017, 13:00–18:00

Smart manufacturing systems are realizing the promise and potential of Industry 4.0 that enables any product to be made at the smallest possible cost, the highest quality, and the lowest environmental impact for industrial ceramics.

This event focuses on performing R&D&I and technology consulting tasks relating to the following:

- Design and construction of industrial machines and laboratory equipment for ceramic materials
- Measurement of variables under industrial conditions, and automation of process stages
- Determination of powder flowability, and robotics applications to the ceramic process
- Fast integration and flexible configuration: commissioning, integration and (re)configuration, as well as preventive maintenance of all components, modules and machines

Chairs:

Alpagut Kara

*Professor, Anadolu University,
Eskisehir, Turkey*



István Asztalos

*President, Scientific Society
of the Silicate Industry,
Budapest, Hungary*



SE02 – Programme:

	Invited Speaker	Title
Sunday, July 9, 2017, Room LEHÁR		
13:40–14:20	Ola Lyckfeldt	Freeze Granulation – a multi-tool for enhanced ceramic processing
14:20–15:00	Johannes Homa	Additive Manufacturing of high performance ceramics
15:00–15:30	Coffee Break	
15:30–16:10	Hakan Kanli	Use of boron compounds in the production of industrial ceramics
16:10–16:50	Alban Bunjaku	Modern preparation processes for the ceramic industries
16:50–17:20	Miriam Niedenhof-Duecker & Markus Hankeln	High-purity Si_3N_4 for technical ceramics & high heat-resistant SiC fiber for ceramic matrix composites (CMC) application
17:20–18:00	Pablo Gonzales	High-speed precision printing of 3D ceramics

SE03: Ceramics and composites in harsh nuclear environment

**External venue: Centre for Energy Research, Hungarian Academy of Sciences,
Sunday, July 9, 2017, 13:00–18:00**

The mission of the Centre for Energy Research is to perform research and development in the field of nuclear science and technology for facilitating the adoption and the safe use of nuclear technology in Hungary, to participate in international research efforts aiming at the establishing a new generation of nuclear power plants and closing the fuel cycle.

The aim of this event is to visit the Budapest Research Reactor which has been utilized as a neutron source for research and various industrial and medical applications. Irradiations are performed in vertical channels (the reactor has now more than 40 channels that can be used for isotope production and material testing) whereas physical experiments are carried out at the horizontal neutron beam ports.

In the frame of satellite event “Ceramics and composites design, processing and properties to their performance in harsh nuclear environments”, scientists can get access to the BRR experimental facilities with some interesting presentations not only of novel ceramic based materials.

Chairs:**Ákos Horváth**

*Director General, Centre for
Energy Research, Hungarian
Academy of Sciences,
Budapest, Hungary*

**Katalin Balázs**

*Head of Thin Film Physics
Department Institute for
Technical Physics and
Materials Science, Centre for
Energy Research, Hungarian
Academy of Sciences,
Budapest, Hungary*

**SE03 – Programme:**

	Invited Speaker	Title
Sunday, July 9, 2017, Centre for Energy Research, Hungarian Academy of Sciences		
13:00–13:10	Ákos Horváth	Welcome
13:10–13:40	Andy Nieto	High temperature erosion behavior of MAX phase (Ti₃SiC₂) reinforced nickel composites
13:40–14:10	Claudio Mingazzini	Assessment of SiCf/SiC composites for GFR fuel cladding
14:10–14:40	Margit Fábán	The European Spallation Source
14:40–15:00	Coffee Break	
15:00–16:30	Visiting of reactor Part 1	
16:30–18:00	Visiting of reactor Part 2	

SE04: New frontiers on ceramic characterisation techniques

**External venue: Centre for Energy Research, Hungarian Academy of Sciences,
Sunday, July 9, 2017, 13:00–18:00**

Characterization techniques have become widely used in the definition of ceramics due to their structure, simplicity, cost effectiveness, rapidness, and maybe most importantly, the indenter itself can be used as a mechanical microprobe in ceramic thin films, interfaces, grain boundaries, and nanocomposites.

Satellite event “New frontiers on the ceramic characterization techniques” cover measurement techniques, reliability, and problems associated with this testing method of ceramic materials with respect to microscopic techniques.

The event will cover some invited lectures and practical testing of different characterization techniques as TEM, HREM, electron diffractions, etc.

Chairs:

Servet Turan

Professor, Department of Materials Science and Engineering, Anadolu University, Eskisehir, Turkey



Béla Pécz

Director, Institute for Technical Physics and Materials Science, Centre for Energy Research Hungarian Academy of Sciences, Budapest, Hungary



SE04 – Programme:

	Invited Speaker	Title
Sunday, July 9, 2017, Centre for Energy Research, Hungarian Academy of Sciences		
13:00–13:10	Béla Pécz	Welcome
13:10–13:40	János Lábár	Characterization of nanocrystalline ceramics by electron diffraction
13:40–14:10	Jenő Gubicza	Characterization of defect structure in nanocrystalline ceramics by X-ray diffraction line profile analysis
14:10–14:40	Guillaume Brunetti	New JEOL developments for high resolution studies using Scanning & Transmission Electron Microscopes
14:40–15:00	Coffee Break	
15:00–16:30	Zsolt Fogarassy	Practice on structural characterization of ceramic material by Philips CM20, 200KV TEM with EDS
16:30–18:00	Ildikó Cora	Practice on structural characterization of ceramic material by JEOL 3010, 300KV TEM with EELS

SE05: Young Ceramists Network (YCN)

A38 Ship, Tuesday, July 11, 2017, 20:00–23:00

A38 Ship Budapest, Pázmány Péter pier 110–111, (Buda side), GPS: N 47.282382, E 19.034916

Presentation by Richard Todd: **How to get published in scientific journals**

The Young Ceramic Researchers Network (YCN) is an initiative of the European Ceramic Society (ECerS) sponsored by the JECS Trust. This nonprofit network aims at bringing young students and professionals currently doing research on Ceramics.

Following the ECerS' traditional special care for young ceramists the “student evening” will be held again during the 15th ECerS conference taking place in beautiful city of Budapest. Young ceramist researchers, that is, Master and PhD students including early stage PhDs are all invited and will have an opportunity to socialize, interact and discuss their work in a warm and festive atmosphere, where short talks about scientist careers are planned for the evening as well. A great opportunity to start professional and/or friendly relationships, to initiate collaborative networks and plan lab visits. This time the students evening will be organised by newly established Young Ceramists Network (YCN), who will present itself and its activities, the Ceramic Social Club, JECS Trust fund and much more.

- A network for young people conducting research on the field of Ceramics (under 40 years old)
- For young researchers (professional, PhD but also post-doctoral or master students), belonging to European/International research institutions (universities, laboratories, etc.)
- An interactive website

Mission, Aims and Values:

- All members share a common feature: to conduct research on the field of Ceramics.
- Promote research in the field of Ceramics
- Facilitate and encourage contacts, meetings, links between young researchers
- Facilitate the exchange of ideas, work experience, the access to some facilities, the mobility of its members in the European space
- Increase the scientific training of its members by organizing conferences, symposia, thematic schools
- Help its members find a permanent position (in academic research and/or industry) or other all around the world
- www.young-ceramic.org

SE06: Student Speech Contest

Room KODÁLY, Sunday, July 9, 2017, 16:00–19:30

Room KODÁLY, Monday, July 10, 2017, 11:15–13:00 & 14:30–16:30

The *Student speech contest* at the biannual *ECerS* conference is an event where young research students, representing each of the *ECerS* member countries, are able to give an oral presentation that is evaluated by a jury. The presentation duration will be 15 minutes, followed by questions from the jury and the audience.

Chairs:

Louis Winnubst

Professor, Ceramic Membranes Group, University of Twente Enschede, The Netherlands



János Szépvölgyi

Professor Emeritus, Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences Hungarian Academy of Sciences, Budapest, Hungary



Student Speech Contest – Programme:

Sunday, July 9, 2017			
Room KODÁLY			
16:00–16:05	Opening Ceremony		
16:05–16:25	Guna Krieke Latvia	Phase transition of $\text{Ba}_4\text{Gd}_3\text{F}_{17}$ nanocrystals in Er^{3+} doped transparent glass ceramics	Institute of Solid State Physics, University of Latvia, Riga
16:25–16:45	Barbara Adamczyk Poland	Strontium oxynitride phosphor doped with Eu^{2+} ions: phase purity/optical properties relationship	Department of Materials Science and Metallurgy, Silesian University of Technology, Katowice, Poland
16:45–17:05	Jonas Biggemann Germany	Fabrication of crack healing ZrO_2 composites containing Nb_2AlC repair fillers	Department of Materials Science and Engineering, Institute of Glass and Ceramics, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany
17:05–17:25	Matthias van Zele Belgium	Sol-gel synthesis and low-temperature deposition of thin SiO_2 layers as scratch resistant coatings for functional films	Department of Inorganic and Physical Chemistry, Ghent University, Ghent, Belgium
17:25–17:45	Giulio Gorni Spain	Nd^{3+} doped transparent oxyfluoride glass-ceramics	Ceramics and Glass Institute, CSIC, Madrid, Spain
17:45–17:55	Break		
17:55–18:05	Introduction on the Young Ceramists Network		
18:05–18:25	Federico Veronesi Italy	Fabrication and properties of hybrid, liquid-repellent coatings	Institute of Science and Technology for Ceramics, National Research Council (CNR-ISTEC), Faenza, Italy
18:25–18:45	Renaud Merlet the Netherlands	Transport through grafted ceramic membranes	Inorganic Membranes, MESA+ Institute for Nanotechnology, University of Twente, Enschede, The Netherlands
18:45–19:05	Amandeep Singh Finland	Pulsed laser ablation in supercritical carbon dioxide to synthesize photocatalytically active nanoparticles	Laboratory of Materials Science, Tampere University of Technology, Tampere, Finland
19:05–19:25	Vasile-Adrian Surdu Romania	Multiferroic properties of Eu-substituted BiFeO_3 ceramics	Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, Romania

Monday, July 10, 2017			
Room KODÁLY			
11:15–11:35	Nikola Kanas Norway	Development of all-oxide thermoelectric stacking device	Department of Material Science and Engineering, NTNU, Trondheim, Norway
11:35–11:55	Chang Shu United Kingdom	A phase diagram study of (Ba,Ca)(Zr,Ti)O₃ piezoceramics from combining structural and functional measurements	School of Metallurgy and Materials, University of Birmingham, Birmingham, UK
11:55–12:15	Dušan Németh Slovakia	The effects of tip sharpness and coating thickness on nanoindentation measurements in hard ceramic coatings on softer substrates by FEM	Institute of materials research, SAS, Košice, Slovakia
12:15–12:35	Jakub Roleček Czech Republic	Mechanical properties of hybrid ceramic composites prepared by ice-templating	Central Europe Institute of Technology, Brno University of Technology, Brno, Czech Republic
12:35–12:55	Manuel Gruber Austria	Mechanical characterization of LiTaO₃ and LiNbO₃ single crystals for smartphone applications	Institute of Structural and Functional Ceramics, Montanuniversität Leoben, Leoben, Austria
12:55–13:15	Selin Gharibian Iran	Processing of Si₃N₄ for EDM-able bodies	School of Metallurgy and Materials Engineering, Iran University of Science and Technology, Tehran, Iran
13:15–14:30	Lunch		
14:30–14:40	Introduction on the EUCERMAT program		
14:40–15:00	Eszter Bódis Hungary	Silicon nitride-based composites reinforced with zirconia nanofibres	Plasma Chemistry Research Group, Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary
15:00–15:20	Galy I. Nkou Bouala France	<i>In situ</i> HT-ESEM study of MO₂ (M = Ce, Th) first stage of sintering: from neck elaboration to microstructure design	ICSM, UMR 5257 CEA/CNRS/ENSCM/ Université Montpellier, Bagnols/Cèze, France
15:20–15:40	Svetlana Dmitrović Serbia	Spider silk-ceramics composites	“Vinča” Institute of Nuclear Sciences, CenterExtrim-Lab, University of Belgrade, Belgrade, Serbia
15:40–16:00	Kağan Benzeşik Turkey	Production of IV-B group boride composite ceramics via SHS	Istanbul Technical University, Metallurgy and Materials Engineering, Istanbul, Turkey
16:00–16:20	Urška Gabor Slovenia	Formation mechanism of PLD-derived Pb(Mg_{1/3}Nb_{2/3})O₃-PbTiO₃ thin films	Advanced Materials Department, Jožef Stefan Institute, Ljubljana, Slovenia

Young Ceramists Network

The Young Ceramists Network (YCN) aims at connecting young students and professionals currently carrying out research on ceramic-related fields

Build your Network!

**Increase
contacts!**



Meet people, keep connected, attend workshops, discuss with other ceramic researchers all over the world, exchange ideas, find funding, etc.



New social event

every 2 years, a network workshop

New committee

composed of young ceramic researchers



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www.ecers.org

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Bianchi, M.	T06	Oral	Thursday	10:20–10:35	Lehár	338	90
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C							
Caballero, A.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	604	111
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Çakı, M.	T12	Poster	Tuesday	17:00–19:00	Poster Hall	245	103
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Can, A.	T09	Oral	Tuesday	15:25–15:40	Brahms	397	69
Can, M.M.	T04	Oral	Monday	15:20–15:35	Bartók	264	55
Cañas, E.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	506	99
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Castelli, I.E.	T05	Invited	Thursday	08:30–08:55	Liszt	862	88
Castro, R.H.R.	T02	Invited	Tuesday	11:00–11:25	Lehár	856	61
Cha, H.	T04	Oral	Thursday	11:45–12:00	Bartók	312	87
Chae, K.W.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	779	111
Chaigne, S.	T02	Oral	Thursday	09:00–09:15	Mozart	569	82
Chaim, R.	T02	Oral	Monday	12:20–12:35	Lehár	176	50
Chen, C.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	948	107
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Chen, P.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	302	113
Chen, X.M.	T04	Invited	Monday	11:15–11:40	Bartók	159	54
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Chevalier, J.	T03	Invited	Tuesday	14:55–15:20	Pátria	731	63
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Chiang, T.H.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	115	95
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Chinelatto, A.S.A.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	654	108
Ching, W-Y.	T08	Invited	Wednesday	11:00–11:25	Brahms	083	79
Chlup, Z.	T03	Oral	Thursday	14:30–14:45	Pátria	747	85
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Choi, H.I.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	490	105
Choi, J-J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	112	99
Choi, K.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	048	99
Choi, S.H.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	708	109
Choi, S-E.	T04	Oral	Wednesday	09:35–09:50	Bartók	455	76
Christiansen, S.H.	T04	Invited	Tuesday	08:30–08:55	Bartók	893	64
Chu, A.K.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	448	105
Chung, K-H-	–	SE01	Sunday	13:40–14:20	Brahms	–	115
Cinar, S.	T01	Oral	Thursday	15:45–16:00	Mozart	956	83
Ciomaga, C.E.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	660	99
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	652	102
Ciria, D.	T05	Oral	Tuesday	09:50–10:05	Liszt	329	66
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	540	107
Clausell-Terol, C.	T02	Oral	Tuesday	10:20–10:35	Lehár	254	60
	T02	Poster	Tuesday	17:00–19:00	Poster Hall	255	97
Clavier, N.	T08	Oral	Thursday	09:50–10:05	Brahms	019	92
	T01	Poster	Tuesday	17:00–19:00	Poster Hall	130	95
Coll Conesa, J.	T12	Poster	Tuesday	17:00–19:00	Poster Hall	404	103
Colomban, P.	T05	Oral	Tuesday	11:25–11:40	Liszt	029	67
	T10	Invited	Thursday	11:40–11:55	Brahms	028	93

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Colston, B.J.	T10	Oral	Thursday	15:00–15:15	Brahms	063	93
Concari, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	224	99
Conte, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	381	99
Contreras-G., M.E.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	572	102
Cora, I.	–	SE04	Sunday	16:30–18:00	CER	–	118
Cormack, L.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	516	97
Courtois, C.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	877	107
Croissant, B.	T05	Oral	Tuesday	15:55–16:10	Liszt	166	67
Curecheriu, L.	T04	Oral	Monday	16:20–16:35	Bartók	339	55
	T04	Poster	Wednesday	17:00–19:00	Poster Hall	334	104
Ćurković, L.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	771	101
Cygan, T.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	407	97
Csáki, Š.	T07	Oral	Monday	18:10–18:25	Brahms	502	59
Csanádi, T.	T03	Oral	Monday	16:00–16:15	Pátria	589	53
Csizmazia, J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	413	99

D

Damjanović, L.	T10	Invited	Thursday	11:25–11:40	Brahms	215	93
Danzner, R.	T03	Oral	Monday	15:45–16:00	Pátria	722	53
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	723	100
Deibert, W.	T05	Oral	Thursday	12:15–12:30	Liszt	383	89
Delobel, F.	T03	Oral	Monday	18:50–19:05	Pátria	183	53
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	949	107
Deluca, M.	T04	Invited	Tuesday	11:25–11:50	Bartók	205	65
Demirkol, N.	T12	Oral	Tuesday	18:00–18:15	Mozart	089	71
Dickey, E.C.	T04	Invited	Monday	14:30–14:55	Bartók	714	54
Djordjevic, B.V.	T12	Invited	Tuesday	14:30–15:00	Mozart	237	71
Dmitrović, S.	–	SE06: SSC	Monday	15:20–15:40	Kodály	–	121
Dobrádi, A.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	869	109
Dondi, M.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	190	111
Dölekçekiç, E.	T06	Oral	Wednesday	10:05–10:20	Lehár	794	78
Drechsel, C.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	211	95
Drozdova, M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	889	99
Du, P.	T04	Oral	Monday	17:45–18:00	Bartók	165	55
Duguay, C.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	127	113
Duman, A.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	762	111
Duran, A.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	761	96
Dusza, J.	T03	Invited	Monday	14:55–15:20	Pátria	034	52
Duta, L.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	548	109

E

Echeberria, J.	T05	Oral	Thursday	11:15–11:30	Liszt	606	88
Egger, A.	T05	Oral	Thursday	16:00–16:15	Liszt	556	89
El Yousni, I.	T01	Oral	Monday	18:20–18:35	Liszt	354	49

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Elsayed, H.	T01	Oral	Monday	15:50–16:05	Liszt	229	49
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	693	109
Eqtesadi, S.	T06	Oral	Thursday	14:30–14:45	Lehár	239	91
	T01	Poster	Tuesday	17:00–19:00	Poster Hall	240	95
Eriksson, M.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	866	97
Evdokimov, P.V.	T01	Oral	Thursday	15:30–15:45	Mozart	637	83
Evers, K.	T03	Oral	Tuesday	15:35–15:50	Pátria	696	63
Ewing-James, R.	T12	Invited	Tuesday	09:30–09:50	Mozart	401	70

F

Fábián, M.	–	SE03	Sunday	14:10–14:40	CER	–	117
Fabrizi, L.	T10	Oral	Thursday	11:55–12:10	Brahms	256	93
Fahrenheit, W.G.	T03	Invited	Tuesday	08:55–09:20	Pátria	084	62
Faia, P.M.	T04	Oral	Wednesday	12:20–12:35	Bartók	054	77
Failla, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	358	99
Fan, Y.	T03	Oral	Tuesday	16:20–16:35	Pátria	049	63
Fantozzi, G.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	867	97
Faouri, S.S.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	052	95
Ferrari, B.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	809	95
Ferreira de Souza, E.C.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	618	105
Ferreira Machado, I.L.	T12	Oral	Tuesday	15:00–15:30	Mozart	134	71
Ferreira, J.M.	T01	Oral	Monday	16:20–16:35	Liszt	620	49
	T06	Invited	Thursday	08:55–09:20	Lehár	370	90
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	890	109
Fides, M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	635	100
Flores, N.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	509	97
Fogarassy, Zs.	–	SE04	Sunday	15:00–16:30	CER	–	118
Fornabaio, M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	774	101
Franceschin, G.	T04	Oral	Monday	18:00–18:15	Bartók	496	55
Franchin, G.	T01	Invited	Wednesday	11:25–11:50	Liszt	172	73
Frasnelli, M.	T06	Oral	Thursday	15:15–15:30	Lehár	415	91
Friedrich, H.	T08	Oral	Thursday	09:35–09:50	Brahms	328	92
Frueh, T.	T02	Oral	Monday	12:35–12:50	Lehár	437	50
Fu, L.	T06	Oral	Thursday	12:30–12:45	Lehár	189	91
Fu, Z.	T03	Invited	Wednesday	11:00–11:25	Pátria	050	75
Fukui, K.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	342	95
Fulanović, L.	T04	Oral	Tuesday	15:30–15:45	Bartók	411	65
Furko, M.	T06	Oral	Thursday	12:15–12:30	Lehár	206	91

G

Gabor, U.	–	SE06: SSC	Monday	16:00–16:20	Kodály	–	121
Gajdowski, C.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	007	100
Galassi, C.	T04	Oral	Monday	15:50–16:05	Bartók	412	55
Gallardo-López, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	538	100
Galusek, D.	T02	Oral	Tuesday	11:50–12:05	Lehár	234	61

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Galvánková, L.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	529	95
García, J.E.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	226	105
García-Fayos, J.	T05	Oral	Tuesday	10:20–10:35	Liszt	944	66
Gauthier-Brunet, V.	T03	Oral	Thursday	09:35–09:50	Pátria	671	84
Gencoglu, P.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	767	111
Ghaffari, S.A.	T02	Oral	Thursday	10:00–10:15	Mozart	021	82
Gharibian, S.	–	SE06: SSC	Monday	12:55–13:15	Kodály	–	121
Gizowska, M.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	129	95
Glassi, C.	T04	Oral	Monday	17:30–17:45	Bartók	673	55
Goldstein, A.	T04	Invited	Wednesday	08:30–08:55	Bartók	878	76
Gomez-Garcia, D.	T03	Invited	Tuesday	09:45–10:10	Pátria	280	62
Gonçalves, J.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	912	95
Gonzales, P.	–	SE02	Sunday	17:20–18:00	Lehár	–	116
Gorni, G.	–	SE06: SSC	Sunday	17:25–17:45	Kodály	–	120
Goto, T.	T03	Invited	Monday	11:15–11:40	Pátria	704	52
	T09	Invited	Tuesday	11:00–11:25	Brahms	462	68
Gouvêa, D.	T02	Invited	Tuesday	11:25–11:50	Lehár	838	61
Gömze, L.A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	634	100
Grabis, J.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	396	97
Grader, G.	T01	Invited	Monday	14:30–14:55	Liszt	855	49
Grandys, M.	T07	Oral	Monday	17:40–17:55	Brahms	616	59
Grasso, S.	T09	Poster	Wednesday	17:00–19:00	Poster Hall	900	112
Graule, T.	T03	Invited	Tuesday	14:30–14:55	Pátria	128	63
Greish, Y.E.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	602	110
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	630	110
Grilo, J.P.F.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	754	108
Grinchuk, P.S.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	788	97
Gruber, M.	–	SE06: SSC	Monday	12:35–12:55	Kodály	–	121
Grünwald, N.	T05	Oral	Tuesday	11:40–11:55	Liszt	069	67
Gubicza, J.	–	SE04	Sunday	13:40–14:10	CER	–	118
Guérineau, V.	T08	Oral	Wednesday	12:30–12:45	Brahms	384	79
Guironnet, L.	T05	Oral	Monday	12:05–12:20	Mozart	231	56
Guney, B.	T02	Oral	Monday	18:50–19:05	Lehár	216	51
Guo, L.	–	SE01	Sunday	14:20–15:00	Brahms	–	115
Gurauskis, J.	T01	Invited	Monday	17:00–17:25	Liszt	843	49
Gutiérrez-Mora, F.	T03	Oral	Monday	18:05–18:20	Pátria	564	53
Güzelgün, P.	T12	Oral	Tuesday	17:45–18:00	Mozart	100	71
Gye Seok, A.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	060	110
H							
Hadian, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	916	100
Hadraba, H.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	757	100
Hahn, B-D.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	311	105
Hanby, B.V.T.	T04	Oral	Thursday	09:25–09:40	Bartók	395	86

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Hankeln, M.	–	SE02	Sunday	16:50–17:20	Lehár	–	116
Hanzel, O.	T03	Oral	Wednesday	09:20–09:35	Pátria	416	74
Hautcoeur, D.	T03	Oral	Thursday	11:00–11:25	Pátria	181	85
He, Y.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	164	105
Hegedűs, Cs.	–	SE01	Sunday	13:00–13:40	Brahms	–	115
Hendriksen, P.V.	T05	Invited	Tuesday	08:30–08:55	Liszt	861	66
Herrmann, M.	T03	Invited	Monday	17:00–17:25	Pátria	417	53
Heym, J.	–	Awardee	Wednesday	15:50–16:25	Pátria	–	46
Heymann, A.M.	T05	Oral	Monday	12:20–12:35	Mozart	180	56
Hirao, K.	T03	Invited	Monday	17:25–17:50	Pátria	209	53
Ho, C-H.	T04	Oral	Tuesday	09:50–10:05	Bartók	090	64
Hojo, J.	T02	Oral	Tuesday	09:35–09:50	Lehár	201	60
Homa, J.	T01	Oral	Thursday	15:00–15:15	Mozart	186	83
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	500	110
	–	SE02	Sunday	14:20–15:00	Lehár	–	116
Hornez, J-C.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	882	95
Horváth, Á.	–	SE03	Sunday	13:00–13:10	CER	–	117
Horvath, E.	T06	Oral	Wednesday	12:20–12:35	Lehár	624	79
Hostaša, J.	T04	Oral	Wednesday	09:20–09:35	Bartók	232	76
Höfling, M.	T04	Oral	Tuesday	12:20–12:35	Bartók	277	65
Hsi, C-S.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	261	96
Hsu, F-C.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	260	108
Hsu, H.S.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	567	105
Huang, C-Y.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	258	104
Huang, W.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	710	105
Hung, I-M.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	119	108
Hvizdos, P.	T03	Oral	Wednesday	12:20–12:35	Pátria	120	75
I							
Ianculescu, A.	T04	Oral	Tuesday	10:05–10:20	Bartók	745	64
Ipekci, M.	T07	Oral	Monday	15:20–15:35	Brahms	698	58
J							
Janek, M.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	721	105
Jang, B-K.	T03	Oral	Thursday	15:15–15:30	Pátria	284	85
Jankovsky, C.	T05	Oral	Thursday	09:20–09:35	Liszt	053	88
Jastrzębska, I.	T11	Oral	Wednesday	10:20–10:35	Mozart	665	81
Jenuš, P.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	601	97
Jeong, B.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	330	111
Jeong, S-J.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	212	106
Jiang, J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	287	100
Juchnowska, M.J.	T12	Invited	Tuesday	10:10–10:30	Mozart	401	70
Juste, E.	T01	Oral	Monday	18:50–19:05	Liszt	394	49

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K							
Kabir, I.I.	T05	Oral	Thursday	11:30–11:45	Liszt	303	88
Kachlik, M.	T02	Oral	Thursday	08:45–09:00	Mozart	784	82
Kaiser, A.F.J.	T01	Invited	Monday	14:55–15:20	Liszt	832	49
Kajii, K.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	478	100
Kaligora, S.K.D.	T08	Oral	Thursday	10:05–10:20	Brahms	610	92
Kamato, Y.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	488	96
Kamiya, H.	T04	Invited	Wednesday	08:55–09:20	Bartók	492	76
Kamyshnaya, K.	T01	Oral	Monday	15:35–15:50	Liszt	318	49
	T11	Poster	Wednesday	17:00–19:00	Poster Hall	322	113
Kan, A.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	776	105
Kanas, N.	T05	Oral	Monday	18:50–19:05	Mozart	669	57
	–	SE06: SSC	Monday	11:15–11:35	Kodály	–	121
Kang, S-J. L.	T02	Invited	Tuesday	08:55–09:20	Lehár	085	60
Kanli, H.	–	SE02	Sunday	15:30–16:10	Lehár	–	116
Kaplan, S.S.	T04	Oral	Wednesday	13:05–13:20	Bartók	382	77
Kara, F.	T03	Invited	Tuesday	11:25–11:50	Pátria	837	62
Karacaoglu, E.	T05	Oral	Thursday	15:45–16:00	Liszt	770	89
Karczewski, J.	T05	Oral	Monday	15:35–15:50	Mozart	743	57
Karpets, M.	T03	Oral	Thursday	09:50–10:05	Pátria	662	84
Kavas, T.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	927	108
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	932	108
Kazakova, G.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	657	110
Kazakova, V.N.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	925	97
Kelleher, M.C.	T04	Oral	Tuesday	15:45–16:00	Bartók	613	65
Kemere, M.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	575	105
Khajavi, P.	T05	Oral	Thursday	15:00–15:15	Liszt	392	89
Khamenehasl, S.	T04	Oral	Thursday	14:30–14:45	Bartók	191	87
Khan, M.Z.	T05	Oral	Tuesday	09:35–09:50	Liszt	075	66
Khan, R.M.A.	T02	Oral	Tuesday	16:10–16:20	Lehár	184	61
Khandan, A.	T06	Oral	Thursday	15:30–15:45	Lehár	135	91
Khasanov, O.	T09	Oral	Tuesday	15:40–15:55	Brahms	457	69
	T01	Poster	Tuesday	17:00–19:00	Poster Hall	521	96
Khaskhoussi, A.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	402	110
Khort, A.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	904	96
Kieliba, I.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	536	113
Kim, D-H.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	405	107
Kim, E.S.	T04	Oral	Thursday	08:55–09:10	Bartók	680	86
Kim, H.K.	T09	Oral	Tuesday	15:55–16:10	Brahms	982	69
Kim, H-N.	T04	Oral	Tuesday	12:05–12:20	Bartók	038	65
Kim, J.S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	243	102
Kim, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	486	100
	T07	Poster	Wednesday	17:00–19:00	Poster Hall	472	111

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Kim, Y-W.	T03	Invited	Monday	11:40–12:05	Pátria	077	52
Kirbıyık, F.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	489	100
Kireeva, N.	T08	Poster	Wednesday	17:00–19:00	Poster Hall	552	112
Kirihara, S.	T05	Invited	Tuesday	14:30–14:55	Liszt	200	67
Kleebe, H-J.	T09	Invited	Tuesday	11:25–11:50	Brahms	790	68
Klement, R.	T04	Oral	Wednesday	09:50–10:05	Bartók	446	76
Klimashina, E.S.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	519	96
Kocaman, E.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	225	111
Koch, D.	T02	Invited	Monday	14:55–15:20	Lehár	026	50
Kocjan, A.	T06	Oral	Wednesday	12:50–13:05	Lehár	792	79
Koh, J-H.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	076	108
Kohal, R-J.	–	SE01	Sunday	16:10–16:50	Brahms	–	115
Kok, D.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	945	97
Konegger, T.	T01	Oral	Monday	18:05–18:20	Liszt	333	49
Kostecki, M.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	495	97
Kováčová, Z.	T09	Oral	Tuesday	12:50–13:05	Brahms	518	69
Kovács, A.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	873	96
Kovalčíková, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	667	100
Kovziridze, Z.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	888	100
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	875	110
Kozak, K.E.	T03	Oral	Tuesday	16:35–16:50	Pátria	096	63
Kozyrev, A.	T09	Poster	Wednesday	17:00–19:00	Poster Hall	883	112
König, J.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	786	105
Kracker, M.	T02	Oral	Tuesday	09:20–09:35	Lehár	335	60
Kremer, A.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	914	96
Krenkel, W.	T02	Invited	Monday	14:30–14:55	Lehár	853	50
Krieke, G.	–	SE06: SSC	Sunday	16:05–16:25	Kodály	–	120
Kunz, W.	T03	Oral	Tuesday	12:30–12:45	Pátria	036	63
Kurama, S.	T03	Oral	Tuesday	13:00–13:15	Pátria	065	63
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	065	99
Kurapova, O.Y.	T03	Oral	Thursday	10:05–10:20	Pátria	098	84
Kurt, A.O.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	789	96
Kushan Akin, S.R.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	551	100
Kyogaku, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	429	100
L							
Lábár, J.	–	SE04	Sunday	13:10–13:40	CER	–	118
Lagny, M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	918	100
Laguna-Bercero, M.A.	T05	Oral	Tuesday	12:10–12:35	Liszt	782	67
Lamnini, S.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	376	108
Lardot, V.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	910	95
Larionov, D.S.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	525	96

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Lee, H.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	451	106
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	682	108
	T07	Poster	Wednesday	17:00–19:00	Poster Hall	684	111
Lee, K.S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	153	100
Lee, S.-J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	928	100
Lee, S.-N.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	749	105
Lee, T.-H.	T04	Oral	Monday	16:05–16:20	Bartók	452	55
Lee, W.	T07	Invited	Monday	11:15–11:40	Brahms	851	58
Leide, A.J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	314	101
Lences, Z.	T04	Oral	Tuesday	14:30–14:45	Bartók	755	65
Lerdprom, W.	T02	Oral	Monday	18:05–18:20	Lehár	040	51
Leriche, A.	–	Awardee	Wednesday	14:40–15:15	Pátria	–	44
Lestari, A.D.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	852	106
Li, A.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	940	109
Li, A.-D.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	118	96
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	924	109
Li, J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	463	101
Li, X.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	221	103
Liégaut, C.D.	T03	Oral	Tuesday	10:10–10:25	Pátria	508	62
Lin, H.-T.	T03	Invited	Tuesday	11:00–11:25	Pátria	309	62
Lin, I.-C.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	332	106
Lin, S.-H.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	319	106
Lin, Y.	T04	Oral	Tuesday	10:20–10:35	Bartók	727	64
Lofaj, F.	T01	Oral	Thursday	12:25–12:40	Mozart	268	83
López-Pernía, C.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	554	101
Lorriaux, A.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	505	97
Lube, T.	T03	Oral	Monday	16:15–16:30	Pátria	276	53
	T01	Poster	Tuesday	17:00–19:00	Poster Hall	278	96
Lucchese, B.	T07	Oral	Monday	15:50–16:05	Brahms	377	59
Luitel, H.N.	T04	Oral	Tuesday	15:00–15:15	Bartók	074	65
Luiten-Olieman, M.W.J.	T03	Oral	Thursday	11:55–12:10	Pátria	347	85
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	898	101
Lusvardi, G.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	170	110
Lüchtenborg, J.	T01	Oral	Monday	15:20–15:35	Liszt	543	49
Lyckfeldt, O.	–	SE02	Sunday	13:40–14:20	Lehár	–	116

M

Maca, K.	T02	Oral	Monday	12:05–12:20	Lehár	799	50
Macias, J.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	795	102
Madej, D.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	485	113
Maiwa, H.	T04	Oral	Monday	18:45–19:00	Bartók	453	55
Makise, K.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	349	108
Malič, B.	T04	Invited	Tuesday	11:00–11:25	Bartók	532	64

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Marchet, P.	T04	Oral	Tuesday	15:15–15:30	Bartók	687	65
Marie, J.	T01	Oral	Monday	12:05–12:20	Liszt	167	48
Marinha, D.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	728	97
Marou Alzouma, O.	T01	Oral	Thursday	14:30–14:45	Mozart	095	83
Masini, A.	T05	Oral	Thursday	10:05–10:20	Liszt	484	88
Matau, F.	T10	Oral	Thursday	12:10–12:25	Brahms	806	93
Mather, G.C.	T05	Invited	Monday	14:55–15:20	Mozart	827	56
Matovic, B.Z.	T01	Oral	Wednesday	12:05–12:20	Liszt	244	73
Maviş, B.	T03	Oral	Thursday	15:00–15:15	Pátria	385	85
M'Barki, A.	T01	Oral	Wednesday	09:20–09:35	Liszt	078	72
Medricky, J.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	772	111
Mello-Castanho, S.R.H.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	674	98
Menabue, L.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	132	110
Menet, C.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	025	112
Mensur-Alkoy, E.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	465	104
Mercadelli, E.	T05	Oral	Thursday	10:20–10:35	Liszt	631	88
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	892	108
Merino, R.I.	T05	Oral	Tuesday	15:25–15:40	Liszt	645	67
Merlet, R.	–	SE06: SSC	Sunday	18:25–18:45	Kodály	–	120
Messing, G.	T02	Invited	Monday	11:15–11:40	Lehár	583	50
Mestre, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	363	102
Mieller, B.	T04	Oral	Thursday	09:40–09:55	Bartók	474	86
Milanovic, M.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	507	96
Minasyan, T.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	590	96
Mingazzini, C.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	064	112
	–	SE03	Sunday	13:40–14:10	CER	–	117
Mirhosseini, S.H.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	919	113
Mirtaheri, B.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	418	96
Miruszewski, T.	T05	Oral	Tuesday	09:20–09:35	Liszt	730	66
Mohammadi, H.A.	T05	Oral	Thursday	12:30–12:45	Liszt	262	89
Mokhtari, P.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	263	96
Monfort, E.	T07	Invited	Monday	14:30–14:55	Brahms	818	58
	T07	Poster	Wednesday	17:00–19:00	Poster Hall	849	111
Monteverde, F.	T03	Invited	Tuesday	09:20–09:45	Pátria	570	62
Moreno, R.	–	Awardee	Monday	09:55–10:35	Pátria	–	42
Morita, K.	T01	Oral	Thursday	11:40–11:55	Mozart	705	83
Moronta Perez, R.	T04	Oral	Tuesday	11:50–12:05	Bartók	274	65
Moshtaghioun, B.M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	281	101
Moskovskikh, D.	T09	Oral	Wednesday	09:55–10:10	Brahms	466	80
Moura, C.G.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	678	101
Moure, A.	T01	Oral	Thursday	11:25–11:40	Mozart	145	83
Múdra, E.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	533	96
Mukasyan, A.	T09	Invited	Tuesday	08:30–08:55	Brahms	082	68

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Mukhin, E.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	675	110
Munoz, M.	T01	Oral	Monday	16:05–16:20	Liszt	124	49
Mühler, T.	T01	Oral	Monday	19:05–19:20	Liszt	605	49
Müller, M.	T12	Invited	Tuesday	09:50–10:10	Mozart	401	70
N							
Nahvizadeh, F.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	939	101
Nakada, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	443	101
Nefedova, E.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	911	98
Németh, D.	T08	Poster	Wednesday	17:00–19:00	Poster Hall	324	112
	–	SE06: SSC	Monday	11:55–12:15	Kodály	–	121
Neto, J.B.R.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	726	108
Niedenhof-Duecker, M.	–	SE02	Sunday	16:50–17:20	Lehár	–	116
Nieto, A.	T03	Oral	Thursday	11:40–11:55	Pátria	431	85
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	441	101
	–	SE03	Sunday	13:10–13:40	CER	–	117
Nkou Bouala, G.I.	–	SE06: SSC	Monday	15:00–15:20	Kodály	–	121
No, H.G.	T10	Oral	Thursday	14:30–14:45	Brahms	196	93
Noi, K.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	468	108
Nonemacher, J.F.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	051	108
O							
Ocak, B.C.	T02	Oral	Thursday	09:15–09:30	Mozart	493	82
	T03	Oral	Thursday	12:40–12:55	Pátria	952	85
Ochoa, D.A.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	185	106
O’Connell, K.	T06	Oral	Wednesday	12:35–12:50	Lehár	449	79
Ogarkov, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	803	101
Ogawa, H.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	773	106
Ogunmuyiwa, E.N.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	147	101
Ohashi, N.	T04	Oral	Monday	18:15–18:30	Bartók	514	55
Ohashi, S.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	778	106
Ohji, T.	T02	Invited	Tuesday	14:30–14:55	Lehár	735	61
Ohtaki, M.	T05	Invited	Monday	14:30–14:55	Mozart	859	56
Ohyanagi, M.	T02	Oral	Monday	18:20–18:35	Lehár	737	51
Oláh, N.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	230	110
Olevano, D.	T03	Oral	Monday	18:35–18:50	Pátria	257	53
	T11	Oral	Wednesday	09:50–10:05	Mozart	962	81
Oliveira Silva, R.	T05	Oral	Monday	12:35–12:50	Mozart	068	56
Onishi, R.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	780	106
Ono, K.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	777	106
Orera, A.	T05	Oral	Tuesday	11:55–12:10	Liszt	797	67
Orera, V.M.	T06	Oral	Thursday	15:00–15:15	Lehár	801	91
Orlov, N.K.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	621	110
Ortali, C.	T06	Oral	Thursday	10:05–10:20	Lehár	291	90
Otimeyin, P.	T07	Oral	Monday	17:25–17:40	Brahms	718	59

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Ozbayraktar, S.	T09	Invited	Tuesday	08:55–09:20	Brahms	419	68
Özbilgin, C.E.	T05	Oral	Monday	18:05–18:20	Mozart	808	57
P							
Padurariu, L.D.	T04	Invited	Monday	14:55–15:20	Bartók	842	54
Palcut, M.	T09	Oral	Tuesday	15:10–15:25	Brahms	006	69
Pallone, E.M.J.A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	445	102
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	639	110
Palmero, P.	T06	Invited	Thursday	08:30–08:55	Lehár	826	90
Pan, W.	T05	Oral	Tuesday	14:55–15:10	Liszt	086	67
Pandolfelli, V.C.	T11	Invited	Wednesday	08:30–08:55	Mozart	091	81
Parchovianský, M.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	351	98
Park, B.J.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	304	106
Park, C.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	057	95
Park, S.W.	T03	Oral	Wednesday	09:50–10:05	Pátria	160	74
Partyka, J.	T07	Oral	Monday	15:35–15:50	Brahms	615	59
Pasiut, K.	T07	Oral	Monday	11:55–12:10	Brahms	642	58
Pawlik, T.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	685	101
Pécz, B.	–	SE04	Sunday	13:00–13:10	CER	–	118
Pedzich, Z.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	439	103
Peng, H.	T11	Oral	Wednesday	12:10–12:25	Mozart	854	81
Pereira, R.S.F.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	627	110
Pérez-Coll, D.	T05	Oral	Monday	16:05–16:20	Mozart	831	57
Perko, S.	–	SE01	Sunday	16:50–17:30	Brahms	–	115
Perkowski, K.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	203	98
Petrus, M.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	499	98
Pille, A.	T02	Oral	Tuesday	15:25–15:40	Lehár	142	61
Piriou, C.	T09	Oral	Wednesday	09:10–09:25	Brahms	072	80
Pisarska, J.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	619	106
Poh, L.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	579	112
Poirier, J.	T11	Oral	Wednesday	09:35–09:50	Mozart	073	81
Pomeroy, M.J.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	608	110
Popa, A.-C.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	711	110
Porter, M.T.	T02	Oral	Monday	15:20–15:35	Lehár	626	51
Pouchly, V.	T02	Oral	Thursday	09:30–09:45	Mozart	766	82
Poulidi, D.	T06	Oral	Thursday	09:35–09:50	Lehár	427	90
Poyato, R.	T03	Oral	Monday	19:05–19:20	Pátria	549	53
Pradeilles, N.	T09	Oral	Wednesday	10:10–10:25	Brahms	894	80
Pradell, T.	T10	Oral	Thursday	14:45–15:00	Brahms	079	93
Prah, U.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	220	106
Prasitthikun, T.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	623	108
Preis, W.	T04	Oral	Tuesday	12:35–12:50	Bartók	592	65
Preux, N.	T11	Oral	Wednesday	09:20–09:35	Mozart	033	81

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Prigorodov, P.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	915	101
Prorok, R.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	562	113

Q

Qadir, A.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	378	98
Qassym, L.	T04	Oral	Wednesday	11:50–12:05	Bartók	409	77
Qian, C.	T10	Poster	Wednesday	17:00–19:00	Poster Hall	317	112
Quinn, A.	T12	Invited	Tuesday	11:40–12:20	Mozart	933	70

R

Rabelo Monich, P.	T07	Oral	Monday	18:40–18:55	Brahms	356	59
Racz, A.S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	566	101
Rahamim, O.	T09	Poster	Wednesday	17:00–19:00	Poster Hall	647	112
Raimondo, M.	T07	Invited	Monday	14:55–15:20	Brahms	858	58
Rambaldi, E.	T07	Invited	Monday	17:00–17:25	Brahms	702	59
Ramos Pérez, F.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	926	108
Randall, C.	T04	Invited	Wednesday	11:25–11:50	Bartók	946	77
Rebillat, F.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	504	99
Reichmann, K.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	434	105
Reimanis, I.E.	T05	Oral	Monday	16:20–16:35	Mozart	734	57
Rheinheimer, W.	T02	Oral	Monday	15:50–16:05	Lehár	902	51
Richardson, K.	–	Awardee	Wednesday	15:15–15:50	Pátria	–	45
Richter, A.B.	T04	Oral	Thursday	11:15–11:30	Bartók	632	87
Rincón, A.	T07	Oral	Monday	18:25–18:40	Brahms	228	59
Rocha, L.S.R.	T04	Oral	Wednesday	12:35–12:50	Bartók	126	77
Rodríguez Vidal, D.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	891	96
Roeb, M.	T05	Invited	Tuesday	11:00–11:25	Liszt	830	67
Roleček, J.	–	SE06: SSC	Monday	12:15–12:35	Kodály	–	121
Rondão, A.I.B.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	751	108
Rossi, L.	T04	Oral	Wednesday	12:50–13:05	Bartók	633	77
Roux, A.	T01	Oral	Wednesday	09:35–09:50	Liszt	259	72
Rubinkovskiy, N.A.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	769	98
Rubio, V.	T02	Invited	Monday	17:00–17:25	Lehár	638	51
Ruggles-Wrenn, M.	T03	Oral	Monday	18:20–18:35	Pátria	290	53
Ruiz-Trejo, E.	T05	Invited	Tuesday	08:55–09:20	Liszt	860	66

S

Saâdaoui, M.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	876	111
Sadykov, V.A.	T05	Oral	Tuesday	12:50–13:05	Liszt	738	67
Sahin, F.	T09	Invited	Tuesday	14:55–15:10	Brahms	857	69
Sainz, M.A.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	387	111
Saiz, E.	T03	Invited	Monday	12:30–12:55	Pátria	440	52
Šajgalík, P.	–	Plenary	Monday	08:35–09:10	Pátria	–	40
	T03	Invited	Wednesday	08:30–08:55	Pátria	819	74
Sakamoto, F.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	477	102

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Sakka, Y.	T03	Invited	Thursday	08:30–08:55	Pátria	301	84
Salamon, D.	–	Awardee	Wednesday	16:25–17:00	Pátria	–	47
Salles, C.	T05	Oral	Monday	12:50–13:05	Mozart	340	56
Salvador, M.D.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	573	105
Sanchez Herencia, A. J.	T01	Oral	Wednesday	10:05–10:20	Liszt	813	72
Sanchez Vilches, E.	T01	Invited	Monday	11:40–12:05	Liszt	834	48
Sanghi, S.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	121	106
Sanson, A.	T05	Invited	Monday	11:40–12:05	Mozart	829	56
Sarthou, J.	T04	Oral	Wednesday	10:05–10:20	Bartók	393	76
Sato, Y.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	300	102
Saunders, T.	T02	Invited	Tuesday	14:55–15:10	Lehár	824	61
Savacı, U.	T08	Poster	Wednesday	17:00–19:00	Poster Hall	545	112
Savić, S.M.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	542	106
Scanferla, P.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	498	102
Schmidt, F.	T06	Oral	Wednesday	09:50–10:05	Lehár	798	78
Schmidt, J.E.M.	T01	Oral	Wednesday	12:20–12:35	Liszt	361	73
Schneider, N.K.	T06	Invited	Thursday	11:50–12:15	Lehár	884	91
Schönfeld, K.	T03	Oral	Wednesday	11:25–11:50	Pátria	110	75
Schröder, C.	T03	Oral	Monday	17:50–18:05	Pátria	227	53
Schulze-Küppers, F.	T05	Oral	Thursday	11:00–11:15	Liszt	706	88
Sciau, P.	T10	Invited	Thursday	11:00–11:25	Brahms	081	93
Sciti, D.	T09	Invited	Wednesday	08:30–08:55	Brahms	144	80
Seabra, M.P.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	768	112
Seal, S.	T06	Invited	Wednesday	08:55–09:20	Lehár	848	78
Sedlák, R.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	628	102
Seifert, G.	T08	Oral	Thursday	09:20–09:35	Brahms	371	92
Şencan Tosun, I.	T12	Poster	Tuesday	17:00–19:00	Poster Hall	591	103
Seo, D-K.	T01	Invited	Wednesday	11:00–11:25	Liszt	812	73
Seong, Y-H.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	325	102
Sharma, G.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	955	106
Shen, Z.	T02	Invited	Monday	11:40–12:05	Lehár	825	50
Shen, Z.J.	–	SE01	Sunday	17:30–18:00	Brahms	–	115
Shepa, I.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	578	102
Shih, S-J.	T04	Oral	Wednesday	10:20–10:35	Bartók	306	76
Shilova, O.A.	T04	Oral	Monday	12:35–12:50	Bartók	020	54
Shin, H.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	460	102
Shu, C.	T04	Oral	Thursday	09:10–09:25	Bartók	625	86
	–	SE06: SSC	Monday	11:35–11:55	Kodály	–	121
Silva, A.P.	T03	Oral	Thursday	11:25–11:40	Pátria	403	85
Simoes, A.Z.	T04	Invited	Wednesday	11:00–11:25	Bartók	111	77
Şimşek, I.N.G.	T09	Oral	Wednesday	09:40–09:55	Brahms	470	80
Singh, A.	–	SE06: SSC	Sunday	18:45–19:05	Kodály	–	120

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Singh, G.	T05	Oral	Thursday	12:45–13:00	Liszt	046	89
Singh, M.	–	Plenary	Monday	09:10–09:45	Pátria	–	41
Singh, S.P.	T05	Oral	Tuesday	15:40–15:55	Liszt	651	67
Sinnema, S.	T11	Invited	Wednesday	11:00–11:25	Mozart	868	81
Smith, D.S.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	580	98
Śnieżek, E.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	561	113
Sokol, M.	T02	Oral	Thursday	08:30–08:45	Mozart	644	82
Soldati, R.	T07	Oral	Monday	12:10–12:25	Brahms	163	58
	T07	Oral	Monday	12:25–12:40	Brahms	901	58
Song, L.	T01	Oral	Thursday	12:10–12:25	Mozart	720	83
Sonmez, M.S.	T04	Oral	Thursday	15:00–15:15	Bartók	375	87
Sopicka-Lizer, M.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	874	104
Stan, G.	T06	Invited	Thursday	11:25–11:50	Lehár	080	91
Stanojev, J.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	171	106
Steiner, S.	T04	Oral	Monday	15:35–15:50	Bartók	537	55
Stelter, M.	T05	Invited	Monday	17:00–17:25	Mozart	954	57
Stoch, P.	T04	Oral	Tuesday	09:35–09:50	Bartók	724	64
Storti, E.	T11	Oral	Wednesday	11:55–12:10	Mozart	732	81
Strasser, A.T.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	475	108
Stuart, B.W.	T06	Oral	Thursday	14:45–15:00	Lehár	101	91
Suasmore, S.	T04	Oral	Thursday	11:00–11:15	Bartók	116	87
Subhash, G.	T09	Oral	Wednesday	08:55–09:10	Brahms	067	80
Sudare, T.	T05	Oral	Monday	15:20–15:35	Mozart	372	57
Sun, L.	T03	Oral	Wednesday	10:20–10:35	Pátria	701	74
Supancic, P.	T04	Oral	Thursday	14:45–15:00	Bartók	987	87
Surdu, V-A.	–	SE06: SSC	Sunday	19:05–19:25	Kodály	–	120
Surmely, F.	T10	Oral	Thursday	15:15–15:30	Brahms	016	93
Suzuki, Y.	T01	Oral	Thursday	11:55–12:10	Mozart	523	83
Szczerba, J.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	494	113

T

Tabak, Y.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	972	110
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	740	111
Tafu, M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	308	102
Takahashi, S.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	781	105
Takahashi, T.	T04	Oral	Tuesday	16:15–16:30	Bartók	663	65
Takei, T.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	501	109
Tallon, C.	T02	Invited	Monday	17:25–17:50	Lehár	109	51
Tamayo, A.	T05	Oral	Tuesday	10:05–10:20	Liszt	480	66
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	965	101
Tampieri, A.	T06	Invited	Wednesday	11:00–11:25	Lehár	951	78
Tan, H.	T02	Oral	Monday	18:35–18:50	Lehár	563	51
Tapasztó, O.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	138	102

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
Tarach, M.	T05	Oral	Thursday	15:15–15:30	Liszt	930	89
	T05	Poster	Wednesday	17:00–19:00	Poster Hall	931	107
Tasić, N.	T04	Oral	Thursday	15:15–15:30	Bartók	432	87
Tatami, J.	T03	Invited	Monday	15:20–15:45	Pátria	286	52
Tatarko, P.	T02	Oral	Tuesday	15:10–15:25	Lehár	661	61
Taveri, G.	T09	Oral	Tuesday	12:20–12:35	Brahms	336	69
Teimouri, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	011	102
Tejido-Rastrilla, R.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	390	111
Terjék, A.	T07	Oral	Monday	16:20–16:35	Brahms	641	59
Teshima, K.	T05	Invited	Monday	17:25–17:50	Mozart	044	57
Thieme, C.	T03	Oral	Thursday	12:25–12:40	Pátria	283	85
Tidehag, P.	–	SE01	Sunday	15:30–16:10	Brahms	–	115
Tkach, O.	T04	Oral	Monday	12:20–12:35	Bartók	039	54
Todd, R.	T02	Oral	Monday	17:50–18:05	Lehár	503	51
Toldrá, F.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	942	107
Toldra-Reig, F.	T04	Oral	Thursday	12:00–12:15	Bartók	943	87
Toniolo, N.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	863	112
Torab-Ahmadi, P.	T06	Oral	Thursday	15:45–16:00	Lehár	410	91
Toshima, T.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	151	103
Töpfer, J.	T04	Oral	Monday	17:15–17:30	Bartók	577	55
Trihan, R.	T06	Oral	Wednesday	12:05–12:20	Lehár	670	78
Troczyński, T.	T06	Oral	Wednesday	09:20–09:35	Lehár	114	78
Tschirpke, C.	T01	Oral	Monday	18:35–18:50	Liszt	935	49
Tseng, W.J.	T04	Oral	Wednesday	12:05–12:20	Bartók	055	77
Tsunekawa, H.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	442	103
Tu, R.	T09	Oral	Tuesday	11:50–12:05	Brahms	195	69
Tulliani, J.M.	T04	Oral	Thursday	12:15–12:30	Bartók	817	87
Tunali, A.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	811	111
Tunçkan, O.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	787	103
Turan, S.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	907	107
Tülümen, H.M.	T02	Oral	Monday	16:05–16:20	Lehár	267	51
Tynan, J.T.	T12	Invited	Tuesday	12:20–13:05	Mozart	707	70
U							
Uchida, Y.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	066	103
Udomsilp, D.	T05	Oral	Thursday	14:30–14:45	Liszt	175	89
Ul, R.	T04	Oral	Thursday	09:55–10:10	Bartók	386	86
Urbánek, J.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	717	113
V							
Vakifahmetoglu, C.	T03	Oral	Wednesday	11:50–12:05	Pátria	139	75
Valenzuela, R.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	985	96
van Griensven, M.	T06	Invited	Thursday	11:00–11:25	Lehár	950	91
Van Pevenage, J.	T10	Oral	Thursday	12:25–12:40	Brahms	622	93

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
van Zele, M.	–	SE06: SSC	Sunday	17:05–17:25	Kodály	–	120
Vanek, P.	T06	Poster	Wednesday	17:00–19:00	Poster Hall	217	111
Vaseashta, A.	T01	Invited	Wednesday	08:30–08:55	Liszt	821	72
Veres, D.	T11	Oral	Wednesday	11:25–11:40	Mozart	756	81
Verona, M.N.	T07	Poster	Wednesday	17:00–19:00	Poster Hall	679	112
Veronesi, F.	T01	Oral	Wednesday	11:50–12:05	Liszt	178	73
	–	SE06: SSC	Sunday	18:05–18:25	Kodály	–	120
Vieira Ferreira, L.F.	T12	Poster	Tuesday	17:00–19:00	Poster Hall	133	103
Villafuerte-Castrejón, M.E.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	897	106
Vinci, A.	T03	Oral	Tuesday	10:25–10:40	Pátria	235	62
Vít, J.	T04	Invited	Thursday	08:30–08:55	Bartók	833	86
Vitorino, N.	T02	Oral	Tuesday	15:55–16:10	Lehár	800	61
Vojtko, M.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	282	103
Volceanov, A.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	979	103
	T08	Poster	Wednesday	17:00–19:00	Poster Hall	828	112
Vomiero, A.	T01	Invited	Thursday	11:00–11:25	Mozart	836	83
Vukmirovic, J.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	510	107
W							
Waetzig, K.	T05	Oral	Monday	18:35–18:50	Mozart	398	57
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	399	103
Wagner, A.C.	T05	Oral	Monday	18:20–18:35	Mozart	373	57
Wajler, A.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	360	107
Wakai, F.	T03	Invited	Monday	14:30–14:55	Pátria	150	52
Wang, J.	T03	Invited	Wednesday	08:55–09:20	Pátria	117	74
	T08	Oral	Wednesday	12:15–12:30	Brahms	447	79
Wang, L.	T01	Oral	Monday	12:50–13:05	Liszt	056	48
Wang, X.	T01	Oral	Wednesday	10:20–10:35	Liszt	758	72
Warchał, A.M.	T11	Oral	Wednesday	10:05–10:20	Mozart	251	81
Wat, A.	T03	Oral	Tuesday	16:05–16:20	Pátria	428	63
Wattanasiriwech, D.	T03	Oral	Wednesday	12:50–13:05	Pátria	279	75
Weglewski, W.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	357	103
Wei, J.	T05	Oral	Tuesday	12:35–12:50	Liszt	712	67
Weiss, M.	T03	Oral	Tuesday	15:50–16:05	Pátria	515	63
Westin, G.	T04	Invited	Tuesday	08:55–09:20	Bartók	822	64
Winnubst, L.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	908	101
Withanage, I.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	345	109
Woo, J.W.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	458	107
Woo, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	327	103
Woźniak, J.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	513	98
Wu, H.-C.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	471	96
Wunderlich, W.	T05	Oral	Tuesday	15:10–15:25	Liszt	454	67

Name	Topic	Type	Day	Time	Room	Abstract ID	Page
X							
Xu, J.	T06	Oral	Thursday	09:50–10:05	Lehár	294	90
Xuriguera, E.	T01	Poster	Tuesday	17:00–19:00	Poster Hall	941	96
Y							
Yan, G.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	920	109
Yang, G.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	348	109
Yaremchenko, A.	T05	Oral	Thursday	11:45–12:00	Liszt	611	89
Yavas, B.	T02	Oral	Tuesday	12:20–12:35	Lehár	487	61
Yesilay, S.	T12	Oral	Tuesday	17:30–17:45	Mozart	246	71
Yıldırım, Y.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	365	103
	T11	Poster	Wednesday	17:00–19:00	Poster Hall	364	113
Yildizhan, M.M.	T05	Oral	Thursday	09:35–09:50	Liszt	527	88
Yilmaz, D.	T09	Oral	Tuesday	09:50–10:05	Brahms	586	68
Yilmaz, S.	T03	Poster	Tuesday	17:00–19:00	Poster Hall	981	101
	T06	Poster	Wednesday	17:00–19:00	Poster Hall	977	111
	T11	Poster	Wednesday	17:00–19:00	Poster Hall	293	113
Yoshida, M.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	491	98
Yoshimura, M.	T08	Invited	Wednesday	11:25–11:50	Brahms	886	79
You, Z-X.	T08	Poster	Wednesday	17:00–19:00	Poster Hall	265	112
Yucel, O.	T09	Oral	Tuesday	09:20–09:35	Brahms	222	68
Yurttaş, A.S.	T05	Oral	Thursday	12:00–12:15	Liszt	350	89
Z							
Zajc, I.	T04	Poster	Wednesday	17:00–19:00	Poster Hall	406	107
Zalewska, M.	T02	Poster	Tuesday	17:00–19:00	Poster Hall	352	98
Zapata-Solvas, E.	T03	Oral	Thursday	09:20–09:35	Pátria	218	84
Zayim, E.O.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	917	107
Zenzai, A.	T05	Poster	Wednesday	17:00–19:00	Poster Hall	367	109
Zhang 846	T08	Invited	Thursday	08:30–08:55	Brahms	846	92
Zhang, F.	T06	Oral	Wednesday	09:35–09:50	Lehár	805	78
Zhang, H.	–	Awardee	Monday	10:15–10:45	Pátria	–	43
Zhang, J.	T03	Oral	Wednesday	10:05–10:20	Pátria	158	74
Zhang, S.	T02	Oral	Tuesday	15:40–15:55	Lehár	236	61
	T03	Poster	Tuesday	17:00–19:00	Poster Hall	197	103
Zhang, W.	T08	Invited	Thursday	08:55–09:20	Brahms	968	92
Zhen, W.	T01	Oral	Wednesday	12:35–12:50	Liszt	252	73
Zhou, Y.	T03	Invited	Tuesday	11:50–12:15	Pátria	154	63
Zhu, B.	T11	Poster	Wednesday	17:00–19:00	Poster Hall	141	113
Zocca, A.	T01	Invited	Wednesday	08:55–09:20	Liszt	422	72
Zoli, L.	T01	Oral	Thursday	12:40–12:55	Mozart	526	83
	T01	Poster	Tuesday	17:00–19:00	Poster Hall	528	96
Zou, J.	T09	Invited	Tuesday	14:30–14:55	Brahms	668	69
	T02	Poster	Tuesday	17:00–19:00	Poster Hall	092	98

Notes

