

# 2nd International Conference on Radioanalytical and Nuclear Chemistry / RANC 2019

May 5–10, 2019 / Budapest, Hungary

## DETAILED PROGRAMME

Monday, May 6, 2019

Time	Room: Session	TV	#	First name	Last name	Title
<b>Mátyás: PLE</b>						
9:00			507	Pavel P.	Povinec	Ultra-Sensitive Radionuclide Analyses: New Frontiers In Radioanalytics
9:45			427	Sue B.	Clark	Spectroelectrochemical Methods and Approaches for Radioanalytical Chemistry
<b>Mátyás1: Eco</b>						
11:00			193	Samantha B.	Pandelus	Identification Of Radionuclide Uptake Mechanisms By Native Flora In The Vicinity Of Uranium Mines In Arid South Australia
11:30			706	Ayse N.	Esen	Radiological assessment on the terrestrial non-human biota in Turkey using ERICA tool
11:50			511	Duoqiang	Pan	Environmental Fate of Bentonite Colloids in Aqueous Media: Stability and Transport
12:10			540	Alicia	Negron-Mendoza	Radiation Chemistry As A Tool In Chemical Evolution Processes
12:30			756	Per	Törnquist	On The Use Of Sediment Records To Reconstruct Historical Discharges From A Nuclear Facility In Sweden
<b>Mátyás2: Mas</b>						
11:00			708	Georg	Rugel	Accelerator Mass Spectrometry (AMS) for Beryllium-7 Measurements in smallest Rainwater Samples at Dresden
11:30			846	Carmen Grisel	Mendez	Meteoric Cosmogenic Isotopes Production In Atmospheric Aerosols
11:50			618	Jakub	Zeman	Development Of Methods For Determination Of Uranium And Thorium In Detector Construction Materials By Accelerator Mass Spectrometry
12:10			633	Tomáš	Prášek	A New Potential Fluoride Target Matrix For <sup>236</sup> U Determination In Environmental Media With Accelerator Mass Spectrometry
12:30			259	Yanyun	Wang	Determination of ultra-low level <sup>236</sup> U in environment samples by ICP-MS/MS with collision/reaction cell technology

<b>Szt. László: Sep</b>				
<b>11:00</b>	<b>322</b>	<b>Christoph E.</b>	<b>Düllmann</b>	<b>Radioisotope Separation In Support Of Fundamental Physics Research</b>
11:30	177	Mu	Lin	The Disposal Of Highly Acidic Spent Nuclear Fuel Solutions
11:50	205	Hyuncheol	Kim	Automated System Applicable For Radiochemical Separation
12:10	873	Matthew M.	Jones	Dropwise Analysis Of Extraction Chromatography Resins Utilizing An On-Line Mass Spectrometry Approach
12:30	043	Galina	Lujaniene	Prussian Blue Based Nano-Composites For Radiocesium Pre-Concentration From Seawater
<b>Krisztina: Naa</b>				
<b>11:00</b>	<b>744</b>	<b>Amares</b>	<b>Chatt</b>	<b>Studies Of Protein-Bound Selenium Using Pseudo-Cyclic Neutron Activation And Temperature-Dependent X-Ray Absorption Spectroscopy</b>
11:30	046	Jong-Hwa	Moon	Measurement of neutron spectrum parameters for NAA irradiation holes in the Jordan Research and Training Reactor
11:50	067	Hana	Cho	Standardization of comparator INAA at KRISS for CRM certification and result comparison with k0-based single comparator INAA and ID-MS methods
12:10	136	Zohra	Lamari	Analysis of Aristolochia Longa .L Medicinal plant from Algeria
12:30	784	Zsolt	Revay	Activation analyses at MLZ, Garching, Germany
<b>Mátyás1: For</b>				
<b>14:10</b>	<b>564</b>	<b>Klaus O.</b>	<b>Mayer</b>	<b>Investigative Radiochemistry as Key Element of Nuclear Forensics</b>
14:40	008	Manny	Mathuthu	Application of ICP-MS Isotopic Ratio Technique in Resolving Nuclear Forensic Signatures in Cobalt Processing
15:00	066	Fongaro	Lorenzo	Identification And Classification Of Uranium Powders Using Colour, Image Texture And Spectroscopy Signatures
15:20	102	Dorian	Zok	Nuclear Forensics on the 135Cs/137Cs ratio by ICP-QQQMS
15:40	837	Andrew	Reinhard	Isotopic Characterization Of Uranium Ore Concentrates By Thermal Ionization Mass Spectrometry
<b>Mátyás2: Fue</b>				
<b>14:10</b>	<b>709</b>	<b>David P.</b>	<b>DiPrete</b>	<b>Zr-93 And Nb-94 Analyses On Savannah River Site Radioactive Waste Matrices</b>
14:40	142	Steve	Jan	Characterizations Of High Activity Solid Deposit Samples From Fission Products Tanks
15:00	171	Sylvain	Costenoble	Development Of Process Monitoring Tools For The Uranium-Plutonium Separation And Purification From Spent Nuclear Fuel By Solvent Extraction
15:20	655	Nima	Fathi	Transient Heating Measurement in Testing Analysis: A Novel Thermal Probe
15:40	763	Lawrence, E	Jassin	Availability of Routine and Customized Proficiency Tesing Materials for the Nuclear Fuel Cycle

<b>Szt. László: Lsc</b>				
14:10	517	Nora	Vajda	<b>Development Of Radiochemical Procedures For The Determination Of Actinides</b>
14:40	597	Keliang	Shi	A Rapid Method For Determination Of 99Tc At Ultratrace Levels In Urine Samples
15:00	588	Liu chao	Zhu	Determination of 135Cs in environmental samples using chemical separation and ICP-MS/MS
15:20	613	Patrick	Haaß	Radiochemical characterisation of spent IER by combination of separation, LSC measurement, and pyrolysis at NRG
15:40	237	Janda	Jiri	Simple Measurement Of Actinides In Urine Using Solid-State Scintillation
<b>Krisztina: Met</b>				
14:10	358	Igor	Izosimov	<b>Detection of Actinides/Lanthanides by Time Resolved Laser Induced Luminescence (TRLIF)/ Chemiluminescence(TRLIC) Laser Spectroscopy</b>
14:40	084	Krzysztof	Gorzkiwicz	Low-background, digital gamma-rays spectrometer with BEGe detector and active shielding
15:00	232	Nabanita	Dasgupta-Schubert	Elemental Analysis Of The Geothermic Microecology Of The Los Azufres (Mexico) Volcanic Complex By Polarised Energy Dispersive X-Ray Fluorescence Spectrometry
15:20	369	Jun Woo	Bae	Optimization Study Of Electrolysis-Based Tritium Continuous Monitor
15:40				
<b>Mátyás1: Edu</b>				
16:30	303	Noémi	Nagy	<b>Radioanalytical And Nuclear Chemistry Course At The University Of Debrecen</b>
17:00	891	Héctor	Bagán	Active Teaching Strategies For Introducing Radionalytical Techniques In Analytical Chemistry Master Degree
17:20	603	Flavia	Groppi	Education in Health Physics and dissemination of scientific culture at University of Milano - UNIMI
17:40	310	Jixin	Qiao	Educational activities in radiochemical analysis at DTU Nutech
18:00	871	Sheldon	Landsberger	E-Learning In Neutron Activation Analysis: A Challenge To Preserve The Expertise
<b>Mátyás2: Pha</b>				
16:30	718	Bernd	Neumaier	<b>Impact of emerging radiofluorination methods on preclinical and clinical PET imaging</b>
17:00	174	Lu	Liu	Towards a stronger halogen bond involving At — Investigation of halogen-bonded adducts of AtI and Bu3PO
17:20	621	Michael A.	Willmann	Novel 18F-labeled D4-receptor ligands
17:40	682	Sibel	Evcüman	Preparation of [18F]ALX5407 via alcohol-enhanced Cu-mediated radiofluorination
18:00	876	Ingo	Spahn	Thermochromatographic Isolation Of 45Ti From Irradiated Sc

Szt. László: Act						
16:30		057	Angela C.	Olson		Pyrochemical Pu Metal Production: Process Improvements and Considerations for Residue Processing
17:00		130	Julia	Stadler		Direct Speciation of Radionuclide Uptake into Plant Parts by DESI MS and TRLFS
17:20		207	Vladimir	Sladkov		Complexation studies of Th(IV) with hydroxamic acid ligands by affinity capillary electrophoresis
17:40		172	Julia Sergeevna	Savosina		Tetra- And Hexavalent Actinide Quantification In Complex Rare Earth Metal Mixtures With Potentiometric Multisensor System
18:00						
Krisztina: Pga						
16:30		261	László	Szentmiklósi		Extension Of Prompt-Gamma Activation Analysis Towards Irregular Shaped And Non-Homogeneous Samples
17:00		793	M. Isabel	Dias		Solving Archaeological Research Problems By Prompt Gamma Activation Analyses And Complementary Techniques
17:20		574	Katalin	Gméling		Neutron-Based Elemental Analysis Of Gravels And Other Concrete-Additives
17:40		585	Boglárka	Maróti		Assessment Of Neutron Self-Shielding And Gamma Self-Absorption Of Materials In A White-Beam Of Guided Neutrons
18:00		342	Kun	Tian		Compositional Studies Of Functional Orthodontic Archwires Using Prompt-Gamma Activation Analysis At A Pulsed Neutron Source
Poster-1						
18:30	Pga	A	870	H. Heather	Chen-Mayer	Application Of Chopped Beam-Pgaa For Short-Lived Isotopes
18:30		B	475	Jiatong	Li	Design of the Explosion-Proof Detection integrated System based on PGNAA technology
18:30		C				The PGAA potential for compositional ancient glass analysis – the case of late Roman and Byzantine glasses
18:30	Edu	D	861	Yading	Zhang	Patent Trend Analysis Of Radioactive Liquid Treatment Technology
18:30	Pha	E				
18:30		F	414	Bernd	Neumaier	The Efficient Preparation of Radiolabeled Aromatic Amino Acids via Cu-Mediated Radiofluorination of Ni-complexes
18:30		G				
18:30		H	760	Mohammed	Al Qahtani	Laminin Derivative Peptide Labelled With Iodine-131 Have Promising Therapeutic Properties For A Specific Melanoma Cells
18:30		I	792	Vladimir	Duflot	Pre-Clinical Studies Of The Radiopharmaceutical For Radiation Therapy Of Metastatic Spinal Tumors
18:30	Act	J	099	Cong-Zhi	Wang	Theoretical Studies on the Actinide Endohedral Borospherenes

18:30		<b>K</b>	<b>162</b>	Marina	Agafonova-Moroz	Actinides reduction in SNF reprocessing studied with UV-Vis spectroscopy and chemometrics
18:30		<b>L</b>	<b>453</b>	Maya	Jäggi	Fusion Melting And Chemical Separation Of Am, Pu And Sr From Barite Concrete
18:30	<b>App</b>	<b>M</b>	<b>244</b>	Nabanita	Dasgupta-Schubert	Total Reflectance Xray Fluorescence Spectrometry For The Analysis Of Se In Human Body Fluids
18:30		<b>N</b>	<b>333</b>	Soonhyun	Kim	Enhance Ment Of Radioactive Cs Adsorption Using Prussian Blue/Tio2 Under Uv Irradiation
<b>Poster-2</b>						
19:00	<b>For</b>	<b>A</b>	<b>883</b>	Olga	Belyaeva	Fallout and Deposition of Cesium-137 in Aragats Massif, Armenia
19:00		<b>B</b>	<b>094</b>	Yan	Chen	Age Determination Of Uranium Sample By 231Pa/235U Radiochronometer
19:00		<b>C</b>	<b>103</b>	Xiaoyan	Jiang	Analysis of Pb, Sr and Nd isotopes in UOC for nuclear forensics
19:00		<b>D</b>	<b>295</b>	Benjamin T.	Dabbs	Isotopic Composition Of Commercially Available Uranium Chemicals - Part Ii
19:00		<b>E</b>	<b>348</b>	Konstantin	Pyuskyulyan	Experience Of Collaboration In Field Of Creating And Development Of Armenian National Nuclear Forensic Lab
19:00		<b>F</b>	<b>436</b>	Galina A.	Zheltova	Complex Of Methods For Analytical Study Of Uranium-Containing Raw Materials For Nuclear Forensics
19:00		<b>G</b>	<b>447</b>	Pavel Yu.	Lobanov	Interaction of RSE «INP» with RK law enforcement authorities in prevention of illegal trafficking of nuclear materials/radioactive substances
19:00		<b>H</b>	<b>624</b>	Klára	Řezanková	Comparison of fission track analysis, SEM-EDX and SIMS for identification and localisation of microscopic uranium particles in environmental samples
19:00		<b>I</b>	<b>627</b>	Kristína	Sihelská	Uranium Particles Analysis Using A Combination Of Fission Track Technique And Secondary Ion Mass Spectrometry
19:00		<b>J</b>	<b>774</b>	Marcus	Christl	A Novel Chronometry Technique To Date Nuclear Fuel Based On Long Lived Cm Isotopes
19:00		<b>K</b>	<b>853</b>	Margaret	Byers	Adsorption of Tracer Gases in Geological Media: Experimental Benchmarking`
19:00		<b>L</b>	<b>011</b>	Tebogo G.	Kupi	Age determination of uranium in mine tailing using Inductively Coupled Plasma Mass Spectrometry for Nuclear Forensic purpose
19:00		<b>M</b>	<b>385</b>	Viktor N.	Gluchshenko	Development Of Nuclear Forensics In Kazakhstan
19:00	<b>Fue</b>	<b>N</b>				
19:00		<b>O</b>	<b>834</b>	David P.	DiPrete	Large Volume Airborne Contamination Monitoring To Support Nuclear Processes Deactivation And Decommissioning

Tuesday, May 7, 2019

Time	Room: Session	TV	#	First name	Last name	Title
<b>Mátyás: PLE</b>						
9:00			631	Jan	John	The 1,2,4-Triazine Ligands – From Irradiated Nuclear Fuel Reprocessing To Chromatography Resins
9:45			702	Yuichiro	Nagame	Chemical Characterization Of The Heaviest Elements
<b>Mátyás1: Eco</b>						
11:00			691	Aleksei	Konoplev	Reconstruction Of Long-Term Dynamics Of Cs-137 In Upa River Based On Current Vertical Distribution In Bottom Sediments Of The Scheckino Dam Reservoir And Its Semi-Empirical
11:30			195	Zhen	Xu	Impact Of Water Chemistry On The Stability And Aggregation Of Bentonite Colloids
11:50			229	Anica	Weller	Uptake And Elemental Distribution Of Radiosilver And Radiocesium In Shiitake Mushrooms
12:10			246	Luyuan	Zhang	Day-Resolution Temporal Variation Of Iodine Isotopes (127I And 129I) In Aerosols From Xi'An, China During 2017-2018
12:30			271	Eva	Kabai	Retrospective Analysis Of 90Sr In Roe Deer Antlers Originating From North-West Germany
<b>Mátyás2: Mas</b>						
11:00			040	Galina	Lujaniene	Carbon Isotope Mass Spectrometry Of Organic Compounds In Baltic Sea Sediments: Implications For Dumped Chemical Weapons Impacts On The Marine Environment
11:30			225	Jakub	Kaizer	Radiopurity measurements of selected materials at ultra-low levels for underground experiments using ICPMS
11:50			721	Dominic	Larivière	Selective Separation And Preconcentration Technique Of 210Pb In Drinking Water For Mass Spectrometric Determination Using Crown Ether
12:10			280	Marine	Verlinde	A new rapid protocol for 226Ra separation and pre-concentration in natural samples for ICP-MS analysis
12:30			435	Rajamanickam	Murugan	Precise measurement of Te isotopes in environmental samples using Multicollector-Inductively Coupled Plasma Mass Spectrometry (MC-ICP-MS).
<b>Szt. László: Sep</b>						
11:00			514	Wangsuo	Wu	Spectroscopic Analysis on Sorption Speciation of Uranium on Solid-Water Interface
11:30			307	Szabolcs	Osváth	Separation Of 93Mo From Irradiated Nb
11:50			400	Gabriele	Wallner	Extraction Of Natural Radionuclides With Ionic Liquids
12:10			406	Katerina	Cubova	Separation Of Fe And Co From Decontamination Media Using Ionic Liquids
12:30			462	Alexandre	Artese	Use Of Bifunctional Compounds N, P For Extracting Uranium From Aqueous Solutions Of Nitric Acid

<b>Krisztina: Naa</b>				
11:00	127	Marina Vladfimirovna	Frontasyeva	State of the art of neutron activation analysis at FLNP JINR, Dubna, Russia
11:30	202	Borut	Smodiš	Upgrade of a TRIGA carousel neutron irradiation facility
11:50	279	Georg	Steinhauser	Neutron Activation Analysis Of Mercury In Compact Fluorescent Lamps
12:10	285	Bryan E.	Tomlin	Maker culture in the NAA Lab
12:30	355	Eric	Mauerhofer	The High-Brilliance Neutron Source (HBS) Project - Perspectives for Neutron Activation Analysis
<b>Mátyás1: For</b>				
14:10	534	Amy M.	Gaffney	Comparison Of The <sup>230</sup> Th- <sup>234</sup> U And <sup>231</sup> Pa- <sup>235</sup> U Model Ages Of Uranium Reference Material Crm-125A Using A Multi-Instrument Analysis Approach
14:40	420	Theresa M.	Kayzar-Boggs	Age Dating Uranium Materials Using <sup>231</sup> Pa/ <sup>235</sup> U Radiochronometry: A Review of <sup>231</sup> Pa/ <sup>235</sup> U Advancements and Observations
15:00	456	Zsolt	Varga	Measurement Of Production Date (Age) Of Nanogram Amount Of Uranium
15:20	642	Richard	Essex	Preparation And Calibration Of A Pa-231 Reference Material
15:40	661	Ayako	Okubo	Joint Validation Of The "In-Situ Uranium Age Dating Method"
<b>Mátyás2: Fue</b>				
14:10	598	Konstantinos	Kavallieratos	Diamide, Dithioamide, and Sulfonamide Ligands for Actinide/Lanthanide Separation and other Nuclear Fuel Cycle Applications
14:40	336	Fang-Li	Fan	A New Strategy For Selective Separation Of Lanthanides From Spent Nuclear Fuel
15:00	364	Zhi	Qin	Closed Nuclear Fuel Cycle Based On The Accelerator Driven System
15:20	622	Eros	Mossini	Radiolytic degradation of hydrophilic PyTri ligands for minor actinide recycling
15:40				
<b>Szt. László: Lsc</b>				
14:10	334	Xiongxin	Dai	Determination of beta-emitting radionuclides in environmental and biological samples by TDCR Cerenkov counting
14:40	415	Pawel	Gaca	Application Of Multiple Quench Parameters For Confirmation Of Radionuclide Identity In Radioanalytical Quality Control
15:00	582	Ivana	Coha	Novel Approach For Strontium Preconcentration From Seawater
15:20	367	Kijoon	Kang	The Detection Of Tritium Generated By Proton Exchange Membrane Electrolyte

15:40	325	Ines	Krajcar Bronic	Comparison Of Performances Of Various Scintillation Cocktails And Vials For 3H Activity Determination By Liquid Scintillation Counting
<b>Krisztina: Met</b>				
<b>14:10</b>	<b>382</b>	<b>Jerzy W.</b>	<b>Mietelski</b>	<b>Detection Of Background Thermal Neutrons In A Modified Low Background Germanium Gamma Ray Spectrometer</b>
14:40	432	Seonguk	Choi	Analysis of hydrogen isotopes in frozen water using a combination of LIBS and LAMIS with PLSR
15:00	523	John	Greene	Pu-240 Target Preparation on Thin Backing Foils for GRETINA Experiments using ATLAS
15:20	651	Krzysztof	Panas	Background Reduction In Hpge-Based Spectrometers Using Pulse Shape Analysis Method
15:40				
<b>Mátyás1: Edu</b>				
<b>16:30</b>	<b>387</b>	<b>Maddalena</b>	<b>Negrin</b>	<b>Developing A Massive Open Online Course On Nuclear And Radiochemistry</b>
17:00	298	Lucy N.	Platts	High School Teaching Package to Motivate Young People into Radiochemistry and Nuclear Chemistry Careers
17:20	156	Pavel	Řezanka	How To Educate Talented High School Students In Nuclear Chemistry?
17:40	864	Gergo	Bator	Education program for BSc and MSc studies in engineering field, radiochemistry and radioecology specialty of University of Pannonia
18:00		Gamma		
<b>Mátyás2: Pha</b>				
<b>16:30</b>	<b>667</b>	<b>Matthias</b>	<b>Herth</b>	<b>Development and Evaluation of 18F-Labeled Tetrazines for Pretargeted Imaging</b>
17:00	757	Mohammed	Al Qahtani	New Promising modified Peptide with DOTA-NHS-ester labeled with Ga-68 as early cancers diagnostic tool
17:20	831	Zeynep	Talip	Use Of A New Cation Exchange Resin For The Separation Of 64Cu From Proton Irradiated 64Ni
17:40	228	Sang Hyun	Park	Improved Radioiodination of Hyaluronic Acid
18:00				
<b>Szt. László: Act</b>				
<b>16:30</b>	<b>058</b>	<b>Lav</b>	<b>Tandon</b>	<b>A Day in the Life of a Bulk Special Nuclear Material Characterization Laboratory</b>
17:00	241	Travis S.	Grimes	The Effect of Gamma Radiation on Hexavalent Americium Auto-reduction
17:20	292	Aleksandr	Bodrov	Radiochemical Separation Of Actinides Produced In Multinucleon Transfer Reactions As A Model For Neutron-Rich Isotopes Of Heavy Elements Separation
17:40	300	Sou	Watanabe	Improvement In Flow-Sheet Of Extraction Chromatography For Trivalent Minor Actinides Recovery



18:00		880	Matthew A.	Higginson	Development Of Automated Separations For Actinides Analysis
<b>Krisztina: Pga</b>					
<b>16:30</b>		<b>867</b>	<b>H. Heather</b>	<b>Chen-Mayer</b>	<b>Feasibility Study Of Compton Imaging For Pga</b>
17:00		604	Gwang Min	Sun	Quantification of Uranium Dioxide Fuels Mixed with Boron Nitride by using Prompt Gamma Activation Analysis
17:20		840	Edward J	Artnak	Upgrade to UT-NETL PGAA system to minimize H background
17:40		843	Aaron M.	Hurst	Measurement Of The $^{139}\text{La}(\text{N},\text{G})$ Reaction Using Pga And Nuclear Structure Of $^{140}\text{La}$
18:00		897	Christian	Stieghorst	Neutron-induced Elemental Analysis and Imaging for Archaeometry
<b>Poster-3</b>					
18:30	<b>Met</b>	<b>A 027</b>	Yaroslav	Luzhanchuk	A Study Of The Characteristics Of Inorganic Scintillators For Radiation Monitors
18:30		<b>B 063</b>	Chun-Ting	Su	Dose Verification and Comparison on Flattening Filter Free Beam and Flattened Beam of IMRT and VMAT using a 3D N-isopropyl acrylamide gel dosimeter
18:30		<b>C</b>			
18:30		<b>D 390</b>	Pavel P.	Povinec	Analysis of radionuclides in Martian meteorites using nondestructive low-level HPGe gamma-ray spectrometry
18:30		<b>E 442</b>	Gwang Min	Sun	Feasibility Study Of In-Beam Positron Annihilation Spectroscopy At Hanaro Research Reactor
18:30		<b>F 460</b>	Jong-Hwa	Moon	Study for Beta Coincidence spectroscopy
18:30		<b>G 484</b>	Grzegorz	Szaciłowski	$^{210}\text{Po}$ Determination In Industrial Air Filters
18:30		<b>H 592</b>	Minsik	Kim	Estimation of Uncertainty in Concentration Measurement Processes of Iodide ion and Molecular Iodine
18:30	<b>Lsc</b>	<b>I 879</b>	Lina	Gaigalaite	Application Of The Absolute Method For Determination Of Tritium And Radiocarbon In Groundwater From Radioactive Waste Facility
18:30		<b>J</b>			
18:30		<b>K 481</b>	Małgorzata	Dymecka	Development Of A Method For Determination Of $^{222}\text{Rn}$ In Water By Liquid Scintillation Counting
18:30		<b>L 601</b>	Qinghua	Xu	Preset of the PSA Value for 1220 Quantulus <sup>TM</sup> LSC
18:30		<b>M 735</b>	Kun Ho	Chung	Design of a LabVIEW-based virtual instrument system for gaseous carbon-14 monitoring by on-line liquid scintillation
18:30		<b>N 786</b>	Jung Seok	Chae	Determination Of $^{210}\text{Pb}$ By Liquid Scintillation Counting Of $^{210}\text{Pb}$ And Its Progenies
		<b>O 789</b>	Gergo	Bator	Determination Of Ca-41 In Electrochemically Acquired Samples
18:30					

**Poster-4**

19:00	<b>Naa</b>	<b>A</b>				
19:00		<b>B</b>	<b>685</b>	Yuniel Mazola	Tejeda	Neutron Activation Analysis And Data Mining Techniques To Discriminate Beef Cattle Feed
19:00		<b>C</b>	<b>714</b>	Amares	Chatt	Total, Bioaccessible And Speciation Analysis For Iodine At Nanomolar Levels In Nutritional Materials By Neutron Activation At The Dalhousie University Slowpoke-2 Reactor Facility
19:00		<b>D</b>				
19:00		<b>E</b>	<b>766</b>	Sheldon	Landsberger	Neutron shelf-shielding effects and analysis of rare-earth elements during NAA
19:00		<b>F</b>	<b>801</b>	Shun	Sekimoto	Neutron Activation Analysis Using Kyoto University Research Reactor
19:00		<b>G</b>				
19:00		<b>H</b>				
19:00	<b>Mas</b>	<b>I</b>	<b>544</b>	Mojmir	Nemec	The first AMS laboratory in the Czech Republic – the CANAM infrastructure extension
19:00	<b>App</b>	<b>J</b>	<b>345</b>	Ryohei	Sugita	Visualization Of 14C-Photosynthates In Plants.
19:00		<b>K</b>	<b>375</b>	Jakub	Zeman	Analysis Of Meteorite Samples Using Pixe Technique
19:00		<b>L</b>				
19:00		<b>M</b>	<b>474</b>	Jakub	Kaizer	Analysis Of Historical Paintings Using Ion Beam Analysis And Radiocarbon Dating Techniques
19:00		<b>N</b>	<b>490</b>	Gwang Min	Sun	Effect of Gamma-Ray Irradiation on the electrical properties of NPT-trench gate IGBT
19:00		<b>O</b>	<b>666</b>	Jiangang	He	The Influence Of Iron On Selenite Removal Using Bentonite And Spectroscopy Studies

**Wednesday, May 8, 2019**

Time	Room: Session	TV	#	First name	Last name	Title
<b>Mátyás: PLE</b>						
9:00			849	Stephen P.	LaMont	Advancing The State-Of-The-Art In Nuclear Forensics
9:45			354	Syed M.	Qaim	Recent Advances In The Production Of Theranostic Radionuclides
<b>Mátyás1: Eco</b>						
11:00			487	Eszter M.	Kovács	Structural Curiosities Of Lanthanide (Ln)-Modified Bentonites Analyzed By Radioanalytical Methods
11:30			339	Dagmara I.	Strumińska-Parulska	Polonium 210Po, Radiolead 210Pb And Uranium (234U, 238U) In Food Products

11:50	372	Jing	Bai	One-pot synthesis of three-dimensional amidoximated polyacrylonitrile nanoparticles/graphene composite hydrogel (PAO-GH) for selective uranium extraction from saline lake brine
12:10	388	Dóra	Buzetzký	Sorption Of Peracthnetate Anion By Cation Modified Bentonite
12:30	409	Claire	Dalencourt	Sequential Extraction Of Th, U, Ra, Pb And Po For Radioactivity Assessment In Mining Residues
<b>Mátyás2: Mas</b>				
<b>11:00</b>	<b>076</b>	<b>Celine</b>	<b>Gautier</b>	<b>Development Of A Strategy To Establish A Standard Method To Determine Tc-99 In Radioactive Wastes</b>
11:30	526	Nancy N.	Wanna	Developing and validating a HPIC-SF-ICP-MS method for measuring isotope ratios of Pu, U and lanthanides to characterize spent nuclear fuel and environmental samples
11:50	199	Diane	Tiong	An in-situ approach to direct quantification of Pu-238 by triple quadrupole Inductively Coupled Plasma-Mass Spectrometry (ICP-QQQ-MS)
12:10	072	Alexandre	Quemet	Americium isotope analysis by Thermal Ionization Mass Spectrometry using the total evaporation method: investigation of method accuracy using a new CETAMA/EC-JRC certified reference material
12:30	168	Colin	Maden	A prototype thermal ionisation cavity (TIC) source with an order of magnitude enhancement in overall efficiency compared to TIMS
<b>Szt. László: Sep</b>				
<b>11:00</b>	<b>733</b>	<b>Veronika</b>	<b>Mocko</b>	<b>Large Scale Production of <sup>134</sup>Ce, a New PET Radionuclide</b>
11:30	111	Ying	Dai	Homogeneous liquid-liquid extraction of europium from aqueous solution with [DHbet][Tf2N] and [THbet][Tf2N] ionic liquid
11:50	724	Dominic	Larivière	Alpha Spectrometric Determination Of Polonium-210 For Ultra-Trace State: Comparative Study Between Extraction And Preconcentration Techniques
12:10	753	Erik	Prasetyo	Recovery Of Thorium And Uranium From Tin Smelter Slag By Bisulfate Roasting And Leaching
12:30				
<b>Krisztina: Naa</b>				
<b>11:00</b>	<b>187</b>	<b>Rajmund S.</b>	<b>Dybczyński</b>	<b>The role of NAA in securing the accuracy of analytical results in the inorganic trace analysis</b>
11:30	361	Ntombizikhona B.	Ndlovu	Active Biomonitoring of Atmospheric Pollution in the Western Cape Province (South Africa) using INAA and ICP-MS.
11:50	421	Kenan	Unlu	Characterization of Soil, Sediment, and Wastewater Samples from Hydraulic Fracturing Processes Using the CNAAMethod
12:10	492	Michiko	Fukushima	Multielement content of selected Japanese food samples by instrumental neutron activation analysis
12:30	495	Jan	Kameník	Homogeneity of carbon nanomaterials studied by INAA

Mátyás1: For				
14:10	231	James D.	Borgardt	Results From the Third Galaxy Serpent Web-Based Table Top Exercise Utilizing the Concept of Nuclear Forensics Libraries
14:40	376	Matthew A.	Higginson	Development of a Plutonium Age Dating Capability for Nuclear Forensics
15:00	178	Eva	Kovacs-Szeles	IAEA Residential Assignment Program to Nuclear Forensics in Hungary
15:20	418	Kyle M.	Samperton	Radiochronometric Insights By Monte Carlo Methods: From Spike Calibration To Model Age Evaluation
15:40	126	Andrei I.	Apostol	Gamma Spectrometric Determination Of Plutonium Age Using Intrinsic Efficiency Calibration
Mátyás2: Fue				
14:10	852	Margaret	Byers	The Economic Analysis of Biofouling Resistant Adsorbents for the Recovery of Uranium from Seawater
14:40	403	Borja	Gonzalez Prieto	Effect Of Cover Gas Composition On Polonium Evaporation From Liquid Lead-Bismuth Nuclear Coolant
15:00	858	Yading	Zhang	The Development Status Of Purex Process For Nuclear Fuel Reprocessing: An Insight From Patents
15:20	553	Guoan	Ye	Investigation Of Uranium/Plutonium Separation By Using Organic Reagent In Purex Process
Szt. László: Lsc				
14:10	625	Jose F.	Garcia	Benin Sculptures Dating: Contribution Of Scintillation Techniques To The Restitution Of Cultural Heritage Objects.
14:40	264	Yadong	Wang	Direct Analysis Of Pb-210 In Water By Liquid Scintillation Counting Using A New Sulfate Precipitation Method
15:00	160	Marina	Saez Muñoz	Rapid methods for radiostrontium determination in aerosol filters and vegetation in emergency situations using PS resin
15:20	252	Isabelle	Dolique	Fast Method For The Determination Of Radiostrontium And Plutonium Isotopes In Food Samples
15:40	559	Yanqin	Ji	Pine Needle And Milk Powder Reference Materials Preparation And Its Uncertainty Evaluation On Strontium 90 Analysis
Krisztina: Met				
14:10	820	Massimiliano	Clemenza	CHNET_TANDEM experiment: muonic atom X-ray spectroscopy for archeological sample non-destructive analysis
14:40	670	Luca	Codispoti	MCNP model of L-54 M nuclear research reactor: validation by preliminary i-graphite radiological characterization
15:00	747	Punam	Thakur	Recent Advances in the Radiochemical Separation of Polonium and Actinides in Environmental and Bioassay Samples.
15:20	769	Sheldon	Landsberger	Improvement Of Quality In The Evaluation Of Radium Isotopes 224,226,228Ra In Oil Scale Samples
15:40	819	Ibrahim	Pinera-Hernandez	bGamma: new general purposes gamma-ray spectrometry software

Thursday, May 9, 2019

Time	Room: Session	TV	#	First name	Last name	Title
<b>Mátyás: PLE</b>						
9:00			316	Susanta	Lahiri	Nature Resourced Radiochemistry
9:45			277	Georg	Steinhauser	European Monitoring Of The Atmospheric Ruthenium-106 Episode In Fall 2017
<b>Mátyás1: Iod</b>						
11:00			282	Georg	Steinhauser	Tracking Atmospheric Iodine-131 By European Monitoring Networks: The Early 2017 Release As A Showcase
11:30			394	Olivier P.	Masson	European-Scale Detection Event Of Airborne 131I In January/February 2017
11:50			397	Martin B.	Kalinowski	Global Observations Of Iodine-131 By The International Monitoring System Of The Ctbto
12:10			562	Anne-Cécile	Grégoire	Radioactive Iodine in the atmosphere : from source term to dose – State of the Art of IRSN research
12:30						
<b>Mátyás2:</b>						
11:00						
11:30						
11:50						
12:10						
12:30						
<b>Szt. László: Act</b>						
11:00			363	Azza	Habibi	Use Of 248Cm Isotope For Cm Determination In Analysis Of 242Cm And 244Cm In Environmental Samples
11:30			529	Jung H.	Rim	Determination of Neptunium-237 in Plutonium Materials
11:50			616	Beatrice	Boulet	Development Of A Protocol For The Determination Of Pu, Am And Sr Isotopes At Trace Levels In A Single Environmental Sample
12:10			637	Colt R.	Heathman	OCTAPA: A Study of Pre-organization of Aminopolycarboxylates for Actinide/Lanthanide Coordination in Nitrate Media
12:30			690	Jon M.	Schwantes	Changing the Rules of the Game: Used Fuel Studies Outside of a Remote Handling Facility

<b>Krisztina: Naa</b>				
<b>11:00</b>	<b>424</b>	<b>Jan</b>	<b>Kucera</b>	<b>Fluorine determination in biological and environmental samples with INAA using fast neutrons from a p(20 MeV)+Be neutron generator</b>
11:30	508	Amanda M.	Johnsen	Neutron Activation Analysis Of Ancient Italian Tile Samples
11:50	684	Wael M.	Badawy	Health Risk Assessment to Elements and Radionuclides in Dust Samples - Kingdom of Saudi Arabia
12:10	696	Yihunie H.	Asres	Application of Neutron Activation Analysis Technique on Soil Samples from Farmlands of Yebrage Hawariat, East Gojjam, Ethiopia
12:30	900	Xiaosong	Li	Bulk analysis of meteorites using INAA at FRM II
<b>Mátyás1: For</b>				
<b>14:10</b>	<b>547</b>	<b>Zsuzsanna</b>	<b>Macsik</b>	<b>Improved radioanalytical method for the separation of U, Pu and Am for the analysis of safeguards swipe samples in IAEA Environmental Sample Laboratory</b>
14:40	855	Robert E.	Steiner	Advances In Environmental Safeguards Bulk Sample Analysis At Los Alamos National Laboratory
15:00	634	Anais	Fourny	Implementation of High Precision Isotope Ratio Measurement of Uranium Ore Concentrate at Canadian Nuclear Laboratories
15:20	030	Andreea E.	Serban	Characterization of Depleted Uranium Based Industrial Shielding Materials for Nuclear Forensics Pusposes
15:40	139	Maria Larisa	Ganea	Non-Destructive Analysis of Pure-Beta Emitters: Applications in Nuclear Forensics
<b>Mátyás2: Pro</b>				
<b>14:10</b>	<b>270</b>	<b>Alex</b>	<b>Hermanne</b>	<b>Recent efforts in extension and updating of the IAEA-NDS data base for charges particle reaction cross-sections relevant for medical radionuclide production</b>
14:40	537	Tsutomu	Ohtsuki	Production Of Radioisotopes At Institute For Integrated Radiation And Nuclear Science, Kyoto University
15:00	145	Gaia	Pupillo	Production of <sup>47</sup> Sc with natural Vanadium targets: results of the PASTA project
15:20	699	Matthew D.	Gott	Probing Reactions For Medical Isotope Production Using Novel Rhenium And Iridium Targets
15:40	606	Flavia	Groppi	Radionuclides For Theranostic Applications
<b>Szt. László: Lsc</b>				
<b>14:10</b>	<b>459</b>	<b>Tamás</b>	<b>Varga</b>	<b>Biogenic Fraction Analyses of Liquid Fuels by C-14 AMS and LSC at HEKAL</b>
14:40	555	Duk Won	Kang	Evaluation Of The Characteristics Of <sup>14</sup> C Behavior In Reactor Coolant From Korean Pwrs
15:00	426	Risto	Juvonen	Importance of the background uncertainty for assay sensitivity and improvement by Hidex Digital Pb Shield (DigPb) method
15:20	894	Susanta	Lahiri	Studies on the migration of <sup>35</sup> SO <sub>4</sub> <sup>2-</sup> ions through LSC-TDCR technique in Na <sub>2</sub> SO <sub>4</sub> /PEG based aqueous biphasic system

15:40		180	Vasily	Babain	Towards potentiometric multisensor system for plutonium quantification in PUREX process streams
<b>Krisztina: Mos</b>					
<b>14:10</b>		<b>223</b>	<b>Yasuhiro</b>	<b>Yamada</b>	<b>In-Beam Mössbauer Spectra of <sup>57</sup>Mn implanted into LiAlH<sub>4</sub></b>
14:40		235	Shiro	Kubuki	Mossbauer Study Of Visible Light Activated Iron Silicate
15:00		373	Young Rang	Uhm	Cation distribution of Y <sub>3</sub> Fe <sub>5-x</sub> M <sub>x</sub> O <sub>12</sub> (M=Al, and Cr, x=0.25 and 1.0)
15:20		441	Kazuhiko	Ninomiya	Chemical Environmental Effect On Muon Capture Processes For Iron Compounds
15:40		216	Zoltan	Homonnay	Mössbauer Study Of High Iron Bearing Kaolinite
<b>Poster-5</b>					
16:30	<b>Sep</b>	<b>A 033</b>	Xingliang	Li	Complex Formation of Lanthanides with N-(2-hydroxyethyl) ethylenediamine-N,N',N'-triacetic acid (HEDTA) in Aqueous Solutions: Thermodynamic Analysis and Coordination Model
16:30		<b>B 075</b>	Dimitrios C.	Xarchoulakos	Preconcentration Of Uranium From Urine On A Complexing Membrane
16:30		<b>C 090</b>	Cunmin	Tan	Extraction And Separation Of Americium(III) And Europium(III) With 2,6-Bis(5,6-Diethyl-1,2,4-Triazin-3-Yl) Pyridine In Ionic Liquids
16:30		<b>D 093</b>	Yunhai	Liu	Synthesis of ultralight phosphorylated carbon aerogel for efficient removal of U(VI): Batch and fixed-bed column studies
16:30		<b>E 114</b>	Lixi	Chen	Pillararene-Based Phosphine Oxides: Extractants With Potential Application For Uranium Extraction
16:30		<b>F 115</b>	Steven	Mellard	Stereolithographic Printing Of Radionuclide Doped Resins
16:30		<b>G 124</b>	Seokwon	Yoon	Development Of A Sequential Analysis Procedure For Alpha-Emitting Radionuclides In Urine Samples
16:30		<b>H 220</b>	Svetlana	Titova	Uranium Sorption From Pregnant Solutions Prepared By Carbonate Leaching From Peat Ore
16:30		<b>I 370</b>	Hyung-Ju	Kim	CO <sub>2</sub> sequestration using Sr-incorporated glass for <sup>14</sup> C capture
16:30		<b>J 556</b>	Hideki	Koyanaka	Tritium Separation From Heavy Water Using A Membrane With Deuterated Manganese Dioxide
16:30		<b>K 594</b>	H c	Eun	Study on the treatment of wastewater from the SP-HyBRID decontamination process of a nuclear power plant
16:30		<b>L</b>			
16:30		<b>M 802</b>	Ayse N.	Esen	Kinetic Studies Of Cesium And Strontium Adsorption From Aqueous Solution Onto Potential Barrier Material
16:30	<b>Iod</b>	<b>N 210</b>	Steven	Biegalski	Global <sup>131</sup> I Activity Concentration Trends and Distributions
<b>Poster-6</b>					
17:00	<b>Pro</b>	<b>A 148</b>	Gaia	Pupillo	Realization of metallic Ti-48 enriched targets for the PASTA project
17:00		<b>B 151</b>	Masayuki	Hagiwara	Excitation Functions For Alpha-Induced Reactions On Zirconium In The 10 - 40 MeV Energy Range

17:00		<b>C</b>				
17:00		<b>D</b>	<b>256</b>	José	Ródenas	Production of radionuclides in a cyclotron for application in a PET
17:00		<b>E</b>	<b>349</b>	Gideon F.	Steyn	Optimization Of The Cyclotron Production Of 88Zr/88Y Generators With A 70 Mev Proton Beam
17:00		<b>F</b>	<b>520</b>	Ferenc	Szelecsényi	Formation Of Stable And Radioactive Nuclides Of Ga, Zn, Ni And Co During The Activation Of Different Zn Targets With Protons For Copper Radioisotope Production Up To 100 Mev
17:00		<b>G</b>	<b>565</b>	Makoto	Inagaki	Production Of Medical Radioisotopes Using Electron Linear Accelerator
17:00		<b>H</b>	<b>579</b>	Hiroshi	Yashima	Excitation Functions For Neon-Induced Reactions On Copper Up To 180 Mev
17:00		<b>I</b>	<b>583</b>	Natalia S.	Gustova	Preparation Of Hafnium Targets By Electrodeposition
17:00		<b>J</b>				
17:00	<b>Mös</b>	<b>K</b>	<b>438</b>	Young Rang	Uhm	Study of structural Changes for SUS316L using the Positron Annihilation Lifetime Spectroscopy (PALS)
17:00		<b>L</b>				
17:00		<b>M</b>	<b>444</b>	Takuto	Kudo	Development Of Non-Destructive Isotopic Analysis Method Using Negative Muon
17:00		<b>N</b>	<b>816</b>	Marcel B.	Miglierini	Mössbauer Spectrometry Driven Speciation Analysis Of Iron In Human Brain
17:00		<b>O</b>	<b>823</b>	Svetozar	Musić	Denitration Of Simulated Radioactive Liquid Wastes
<b>Poster-7</b>						
17:30	<b>Eco</b>	<b>A</b>	<b>034</b>	Yu-Hung	Shih	Experimental investigation of colloid diffusion in crystalline rock using SEM/EDS technique
17:30		<b>B</b>	<b>061</b>	Pisutti	Dararutana	Comparison Study Of Ancient Burnt Rice Found At Thailand Archaeological Sites
17:30		<b>C</b>	<b>106</b>	Koichi	Takamiya	Attachment behavior of fission products released from neutron-irradiated UO <sub>2</sub> to solution aerosol
17:30		<b>D</b>	<b>888</b>	Yong Hwa	Oh	Simple Analytical Method Of Cosmogenic <sup>35</sup> S In Groundwater Using High Volume Liquid Scintillation Counter
17:30		<b>E</b>	<b>159</b>	Marina	Saez Muñoz	Uranium And Plutonium Determination In Soil And Sediments Samples By Fusion
17:30		<b>F</b>	<b>190</b>	Wanee	Srinuttrakul	Stable Isotopic Fingerprint Of Sangyod Rice
17:30		<b>G</b>	<b>201</b>	Yalou	Sun	The Stability Of Kaolinite Colloids: Effect Of Ion Strength, Ph And Humic Substance
17:30		<b>H</b>	<b>253</b>	Ilona	Sekudewicz	Activity Concentration Of Cesium <sup>137</sup> Cs In The Ecosystem Of Anthropogenic Dam Lake In Poland, 32 Years After The Chernobyl Accident
17:30		<b>I</b>	<b>294</b>	Tomoko	Ohta	Estimation Of Initial <sup>129</sup> I/ <sup>127</sup> I Ratio For Groundwater Dating - Case Study For Coastal Zone In Japanese Island
17:30		<b>J</b>	<b>306</b>	József	Kónya	Study Of Phosphate Sorption Of Soils By Radioactive Tracer Method
17:30		<b>K</b>	<b>330</b>	Kil Yong	Lee	Measurement of NORM in geologic and building materials by the double counting - gamma spectrometry



17:30		<b>L</b>	<b>343</b>	Dagmara I.	Strumińska-Parulska	210Po In Honey From Northern Poland
17:30		<b>M</b>	<b>352</b>	Jerzy W.	Mietelski	Radiogenic Diversity Of West Arctic Tundra
17:30		<b>N</b>	<b>412</b>	Claire	Dalencourt	Quantification of radium in environmental samples: Cationic extraction and ICP-MS analysis
17:30		<b>O</b>	<b>886</b>	Maria, C.	Sahagia	Doses for critical group members as a result of VVR-S nuclear research reactor decommissioning
<b>Poster-8</b>						
18:00	<b>Eco</b>	<b>A</b>	<b>531</b>	Shota	Kabayashi	Behavior of Radiocaesium in Forest Catchments Contaminated by the Fukushima Dai-ichi Nuclear Power Station Accident
18:00		<b>B</b>	<b>543</b>	Alicia	Negron-Mendoza	Radiation-Induced Reactions Of Ketoacids In Aqueous Solution And Their Possible Role In Chemical Evolution Studies
18:00		<b>C</b>	<b>558</b>	Viktor N.	Gluchshenko	Complex Study Of The Radiation And Environmental Situation On The Territory Of The Water Basin Of The Water Reservoir Tasotkel
18:00		<b>D</b>	<b>576</b>	Koichi	Nishikawa	Radioactivity Of Sodium-22 And Sodium-24 Produced In Low-Activation Concrete Used For The Accelerator Tunnel In J-Parc
18:00		<b>E</b>	<b>652</b>	Henriett	Daróczy	Measuring Radon And Thoron Concentration In Groundwater Sources
18:00		<b>F</b>	<b>663</b>	João M. M.	Oliveira	Distribution Of Radionuclides In The Aquatic System Of A Former Uranium Mine Crater
18:00		<b>G</b>	<b>693</b>	Imre Áron	Bognár	Developing the detector efficiency determination procedure of well-type HPGe detector for low activity and small amount environmental samples such as attic dust
18:00		<b>H</b>	<b>327</b>	Haiyan	Zhang	Synchronous Dissolution of Uranium, Thorium and Rare Earths From Hydrous Oxide Cake of Monazite Using Hydrochloric Acid
18:00		<b>I</b>	<b>711</b>	Lydia	Bondareva	Study Of The Absorption And Translocation Of The Herbicide In Plants And Soil Using Radiocarbon
18:00		<b>J</b>	<b>759</b>	Michal	Šuhájek	Sorption of uranium from aqueous solution by TiO <sub>2</sub> based nanomaterial
18:00		<b>K</b>	<b>777</b>	Róbert	Janovics	Isotope Geochemical Survey Of The Chamber Fields Of The Bataapáti National Radioactive Waste Repository
18:00		<b>L</b>	<b>781</b>	Pavel Yu.	Lobanov	Natural Radionuclides And Toxic Elements In The Border Areas Of Rivers Flowing Into Kazakhstan From Kyrgyzstan
18:00		<b>M</b>	<b>804</b>	Rainer	Kadan	Determination Of The Background Activity Of Be 7, K 40, Sr 90, I 131, Cs-134, Cs-137, Pu-238, Pu-239 And Pu-240 In Austria

## Friday, May 10, 2019

Time	Room: Session	TV	#	First name	Last name	Title
<b>Mátyás: PLE</b>						
9:00			064	Wei-Qun	Shi	Actinide Separation over Lanthanides via Aluminium/Gallium Cathode Based Electrolysis in LiCl-KCl eutectic
9:45			291	Frans	De Corte	A survey of the UGent nuclear-analytical contributions to fission-track age determination and to luminescence dating
<b>Mátyás1: Eco</b>						
11:00			313	Oumar Telly	Bah	Dry Deposition Velocity Of Molecular Gaseous Iodine
11:30			081	Jixin	Qiao	40-Year Seasonal Variation Of Tc-99 And Cs-137 In Danish Marine Environment: Implication For Environmental Monitoring And Tracer Studies
11:50			112	Thimo	Philipp	Influence Of Calcium On Uranium And Neptunium Sorption On Clay Minerals At (Hyper)Alkaline Conditions
12:10			121	Rebecca	Querfeld	Assessment Of Radiation Hazards For Athletes Or Visitors Of The Tokyo 2020 Olympic Games
12:30			133	Fabian	Köhler	Determination Of Mobility And Speciation Of <sup>129</sup> Iodine In The Soil Vadose Zone Using Long-Term Column Experiments
<b>Mátyás2: Pro</b>						
11:00			805	Ingo	Spahn	Radiochemical Methods in Radionuclide Production at a Cyclotron
11:30			100	Maria, C.	Sahagia	Standardisation Of The Emerging Medical Positron Emitter Zr-89
11:50			501	Mohamed F.	Nawar	Development Of A New Generation Of <sup>99</sup> Mo/ <sup>99m</sup> Tc Radioisotope Generators To Meet Continuing Clinical Demands
12:10			267	Ferenc	Tárkányi	Activation Cross Sections Of Deuteron Induced Reactions For Production Of Radionuclides For Medical, Industrial And Biological Use
12:30			825	Nicholas P.	van der Meulen	Tb Radionuclides For Imaging And Therapy: How Far Have We Progressed?
<b>Szt. László:</b>						
11:00						
11:30						
11:50						
12:10						
12:30						

**Krisztina: Mos**

<b>11:00</b>	<b>657</b>	<b>Georges Y. M.</b>	<b>Denes</b>	<b>Tin Analysis: Difficulties And Some Solutions</b>
11:30	660	Takafumi	Kitazawa	155Gd Mossbauer Spectroscopic Evaluation For Imidazole-Based Gd(III) Coordination Compounds
11:50	715	Károly	Lázár	Electric Explosion Of Fe-Co Alloy Ribbons In Water
12:10	741	Stjepko	Krehula	Effects of tin doping on the structural, optical and photocatalytic properties of iron oxide nanoparticles
12:30	813	Marcel B.	Miglierini	Effects Of Cutting On Surface Structure Of Stainless Steels Studied By Mössbauer Spectrometry

ACT Actinide Analytical Chemistry

APP Special Applications of Radioanalytical and Nuclear Chemistry

ECO Radioecology and Environmental Radioactivity

EDU Education in radiochemistry

FOR Nuclear Forensics

FUE Nuclear Fuel Cycle

IOD I-131 Production, Release, and Measurement

LSC Liquid scintillation and analysis of long-lived radionuclides

MAS Mass Spectrometry

MET Analytical methods and detection techniques

MOS Mossbauer Spectrometry

NAA Neutron Activation Analysis

PGA Prompt Gamma Activation Analysis

PHA Radiolabeled compounds and radiopharmaceuticals

PLE Plenary Lecture

PRO Production of Radionuclides

SEP Separation, speciation

**PLE Plenary talk**

We reserve the right to change the programme!

Last updated April 30, 2019