### International Conference on Modern Trends in Activation Analysis

5-10 May 2024 Budapest, Hungary



https://mtaa-icaa.org/mtaa16/

## INVITATION

### Dear Colleagues,

Every four years since 1961, the experts in activation analysis get together to exchange ideas and present their research. Can we still expect any modern trends when we speak of such a well-established technique?

Well, the method may be mature but we can still see many novelties which give boost to the field: e.g., the operation of large user-based facilities with high neutron fluxes and a variety of sophisticated equipment which could be alternative to small labs with single-purpose reactors and limited instrumentation. The revolution in computation and information technology has also changed the spectrum acquisition and evaluation. Classic NAA and other activation analysis techniques are still indispensable for non-destructive trace-element and bulk determination of many chemical elements in a variety of matrices.

After the 15th conference in Mumbai, India (November 2019), MTAA returns to Europe. It will be held in Budapest, Hungary, in 2024 May and we look forward to new ideas and modern trends.

Zsolt Révay Conference Chair Technische Universität München, Germany



# **Conference topics**

- Instrumental Neutron Activation Analysis (INAA)
- Prompt Gamma Activation Analysis (PGAA)
- Fast Neutron Activation Analysis (FNAA)
- Related techniques (Charged-Particle AA, Photon-induced AA, ...)
- Radiochemical and Preconcentration Neutron Activation Analysis (RNAA, PNAA)
- k0-based activation analyses (k0-NAA)
- Neutron Depth Profiling (NDP)
- Neutron sources and their characterization
- User facilities
- Sample preparation
- Instrumentation for Activation Analysis (radiation detection, delayed neutron counting)
- Spectrometry (gamma-ray, charged particle)
- Applications of Activation Analyses
- AA facilities used by the industry, industrial applications
- QA/QC, Presentation of analytical results, Laboratory Information Management System,
- Spectrum evaluation and analysis softwares
- Comparison with other analytical techniques
- Reference materials in AA
- Machine learning and artificial intelligence in AA
- Innovative approaches for increasing the competitiveness of activation analysis

### Contact



: mtaa16@akcongress.com

Conference Coordinator: Csengele Hajdu

Conference Chair: Zsolt Révay

### **About Hungary**



Spanning 93,030 square kilometres (35,920 sq mi) in the Carpathian Basin Hungary is located in the middle of Europe, and it is an easily accessible country from all directions. It is the thirteenth-most popular tourist destination in Europe, drawing 15.8 million international tourists in 2017, owing to attractions such as the largest thermal water cave system in the world, second largest thermal lake, the largest lake in Central Europe and the largest natural grasslands in Europe.

Hungary has a temperate seasonal climate, with generally warm summers with low overall humidity levels but frequent rainshowers and cold snowy winters. Hungary's cultural history includes significant contributions to arts, music, literature, sports, science and technology. Hungary ranks 32 nd among the most innovative countries in the Bloomberg Innovation Index, standing before Hong Kong, Iceland or Malta. At present, more than 33,000 foreigners study in Hungarian higher education institutions, they make up 16.5 percent of all full-time students.

### **About Budapest**



Budapest is the capital and the most populous city of Hungary, and the ninth-largest city in the European Union by population within city limits. The central area of Budapest along the Danube River is classified as a UNESCO World Heritage Site and has several notable monuments, including the Hungarian Parliament (the third largest Parliament building in the world) and the Buda Castle.

Over 40 colleges and universities are located in Budapest, including the Eötvös Loránd University, the Semmelweis University and the Budapest University of Technology and Economics. The city also has around 80 geothermal springs, the largest thermal water cave system and the second largest synagogue. Budapest attracts around 12 million international tourists per year, making it a highly popular destination in Europe. The city was chosen as the Best European Destination of 2019, a major poll conducted by EBD.

### **About the Venue**



You are welcome to stay at newly renovated Mercure Budapest Castle Hill, located only 4 metro stations away from the city center. You'll be able to discover a city by walk and enjoy the wonders of the Castle District. The 250 modern superior rooms are quiet, soundproof and air conditioned. Experience the vibe of the Buda Castle mixed with an abstract art of life and a breath of emotions.

Brand new design inspired by the colorful and lively streets of Budapest Centrally located, 5-minute walk through a nice park from the Castle District, 10 minutes from the city center, direct access to public transport (Deli pu. station). Easy to reach from M1/M7 highways. Ferenc Liszt International Airport 27 km. Hotel Mercure Budapest Castle Hill is located in the neighborhood of the historical Castle District. Walking and shopping district of the city can be reached in few minutes.

### **BECOME A SPONSOR OR EXHIBITOR AT MTAA16!**

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You can create your own sponsoring package, which provides you different sets of benefits.

The different offered packages are mentioned in the table below. Your requests have to be sent to MTAA16 Conference Office and will be handled on a first-come first-served basis as some options may be limited in number. If a part of the package offer is already sold out, the price will be reduced accordingly. If you have other innovative ideas with respect to sponsoring or exhibition, please do not hesitate to contact the MTAA16 Conference Office.



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### **Sponsor packages**

Package / Item name	Price	Available for
α-Sponsor	€ 7 000	Exclusive for 1 company
β-Sponsor	€ 6 000	2 companies
γ-Sponsor	€ 4 000	2 companies
Exhibitor Booth	€ 2 500	Up to the venue capacity

#### **α-Sponsor**

- Lunch Sponsoration (one day)
- Short introduction in the "Meet Our Sponsors Circular"
- Catalogue insert Exclusive for the α-Sponsor
- Delegate pack insert
- Exhibition Booth
- 3 complementary registration
- Additional delegates can register at 20% discount rate
- Company name, short introduction (in 200 words), logo and link on the Conference website
- Acknowledgement in the Programme Book

### **β-Sponsor**

- Coffee Break Sponsoration (one day)
- Short introduction in the "Meet Our Sponsors Circular"
- Delegate pack insert
- Exhibition Booth
- 3 complementary registration
- Additional delegates can register at 20% discount rate
- Company name, short introduction (in 200 words), logo and link on the Conference website
- Acknowledgement in the Programme Book

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#### γ-Sponsor

- Full page AD in Programme Book (4 colours)
- Short introduction in the "Meet Our Sponsors Circular"
- Exhibition Booth
- 2 complementary registration
- Additional delegates can register at 20% discount rate
- Company name, short introduction (in 200 words), logo and link on the Conference website
- Acknowledgement in the Programme Book

### **Exhibitor booth**

The 3x2 m Standard Exhibitor space, equipped with electric plug (230V), table, chairs, WiFi (built-up booth can be requested separately, the package includes 6m2 space and the listed items only). Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (the company name, short introduction (in 200 words), logo and link). The available additional equipment and design item list will be provided upon request. Exhibition period: from 5-10 May, throughout the whole conference. Set up deadline: 2 hours before the Opening session (the exact schedule will be assigned by the organiser). The booth cannot be built or dismantled during the Conference programme. In the case of a shorter stay, the installation of the stand must be completed one hour before the daily program, and dismantling can only begin half an hour after the end of the daily program. For shorter stays, we charge EUR 900 per day.

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### **Extra sponsoration options**

Package / Item name	Price	Available for
Sponsor's Presentation	€ 2 000	3 companies
Coffee Break Sponsoration	€1000	4 comapnies/4 occasion
Lunch Sponsoration	€1500	4 comapnies/4 occasion
Welcome Reception Sponsoration	€ 2 500	Exclusive for 1 company
Conference Dinner Sponsoration	€ 2 500	Exclusive for 1 company
Young Scientist Ticket Sponsoration	€ 2 000	3 companies
Digital Poster Session Sponsoration	€ 2 000	Exclusive for 1 company

### **Sponsor's Presentation**

Sponsor can give an oral talk (15 min. + 5 min. Q&A) included in the scientific programme. The presentation slides should be submitted to the Scientific Committee in advance, 3 week before the Conference. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link).

### **Coffee Break Sponsoration**

Opportunity to support the Coffee Breaks in the exhibition area for one day during the Conference. The exact coffee break schedule will be assigned by the organiser. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link). A signage with the Sponsor's logo will be erected at the service points during the break. Additional features are available: » Company logo shown on menus at buffet stations.

» Company logo on serviette may be provided (for one morning) at the Sponsor's own expense.

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#### Lunch Break Sponsoration

Opportunity to support the Lunches for one day during the Conference. The exact lunch schedule will be assigned by the organiser. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link). A signage with the Sponsor's logo will be erected at the service points during the break. Additional features are available:

» Company logo shown on menus at buffet stations.

» Company logo on serviette may be provided (for one morning) at the Sponsor's own expense.

### **Welcome Reception Sponsoration**

Opportunity to support the Welcome Reception. The exact schedule will be assigned by the organiser. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link). A signage with the Sponsor's logo will be erected at the service points during the break. Additional features are available:

» Company logo shown on menus at buffet stations - € 750

» Company logo on serviette may be provided (for one morning) at the Sponsor's own expense € 750

### **Gala Dinner Sponsoration**

Opportunity to support the Gala Dinner. The exact schedule will be assigned by the organiser. The Gala Dinner is combined with a cruise on the river Danube, which is extremely popular among our guests due to the unique atmosphere of the stunning, historic city center and delicious Hungarian dishes and vines. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link). A signage with the Sponsor's logo will be erected at the service points during the break. A short, 5 min. introductory speech may be given during pre-dinner drinks by the sole Sponsor. Sponsor will be provided with six free dinner tickets and their own delegates can attend the event for free (up to four people). Additional features are available:

» Company logo shown on menus at buffet stations - € 750

» Company logo on serviette may be provided (for one morning) at the Sponsor's own expense - € 750

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#### **Young Scientist Ticket Sponsoration**

Three young scientist ticket offered by the Sponsor who choose this option. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link), i.e. the logo will be displayed on every page of the young scientist's presentation (oral or poster). Application for the free tickets should be submitted by students, applications will be judged by the Scientific Committee on professional basis.

#### **Digital Poster Session Sponsoration**

There will be a designated area in the Conference venue for electronic display of posters. The sole Sponsor's name and logo will be prominently displayed on the screens along with the Conference logo and will also appear on the instruction to e-poster presenters. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link).

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### **Advertising options**

Package / Item name	Price	Available for
Promoting on Lanyards	€ 1 500	Exclusive for 1 company
Catalogue insert – Exclusive	€ 1 200	Exclusive for 1 company
Delegate pack inserts	€ 1 000/item	3 companies
Stationary Items	€ 1 200/item	3 companies
Banner ADs on the Conference' website	€1 000/month	No limitations
Back cover page (4 colours)	€ 900	Exclusive for 1 company
Front or back inner covers (4 colours)	€ 900	2 companies
Inner pages (4 colours)	€ 800/page	3 companies
Double inner pages (4 colours)	€ 1 500/double page	3 companies

### **Promoting on Lanyards**

The sole Sponsor's logo will be printed on the lanyard, which will be distributed to every participant attending the event together with the Conference logo and the organiser's logo (lanyard production costs inclusive). Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link). Lanyards are provided by the organizer.

### **Catalogue insert – Exclusive**

Product catalogue is to be distributed in the delegate pack. The final artwork file is to be provided by individual Sponsors. Printing and shipping costs are to be borne by Sponsors. One promotional catalogue in A4/A5/B5 size. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link).

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#### **Delegate pack inserts**

Delegate pack inserts are to be distributed directly to the participants. The final artwork file is to be provided by Sponsors. Printing and shipping costs are to be borne by Sponsors. One promotional leaflet/flyer in A4/A5/B5 size, and not more than 150 grams leaflet/flyer. Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link).

### **Stationary Items**

The Sponsor can highlight the company name on a stationary item (e.g. note pad, pen, post-it-notes or highlighters) continuously used throughout the Conference. The selected item will be distributed in the participant bag and should be supplied by the Sponsor that will bear the production and shipping costs.

Acknowledgements: in the Programme Book, in "Meet Our Sponsors" circular and on the Conference website (logo and link).

### Banner ADs on the Conference' website

Sponsors can place banner ADs on the Conference' website, to be paid monthly.

### Programme Book Ads

Sponsors can place 4 colour ads in the Programme Book. Every registered participant receives a copy of the Programme Book. Back cover page (4 colours) -  $\in$  900 Front or back inner covers (4 colours) -  $\notin$  900 Inner pages (4 colours) -  $\notin$  800 per page Double inner pages (4 colours) -  $\notin$  1500 per double page