

ISEM 2027

Call for Papers

23rd International Symposium on Applied Electromagnetics and Mechanics
19-22 September 2027, Budapest, Hungary isem2027.hu

IMPORTANT DATES, DEADLINES

Submission of 2-page short papers	15 April 2027
Notification of acceptance	within 1 month, rolling basis
Deadline for early bird registration	31 May 2027
Deadline for registration (to be included in the program)	30 June 2027
Submission of full papers for IJAEM journal publication	30 September 2027

AIMS

The aim of the ISEM conference series is to discuss recent theoretical developments and practical applications in the framework of applied electromagnetics and mechanics. The topic of the symposium spans from numerical modeling to inversion techniques and measurement procedures. Engineers and physicists from academic institutions and industry are encouraged to participate, and contributions of PhD students and post-doctoral fellows are also sought after. The conference will feature oral and poster presentations. Companies and research organizations will have technical and commercial exhibitions.

TOPICS

SPECIAL SESSIONS will be dedicated to the electromagnetics and mechanics aspects of the following emerging fields:

- Artificial Intelligence
- Composite Materials
- Fusion and Plasma
- Quantum Electromagnetics & Computing

Each special session is organized by recognized experts in the field and features a keynote presentation, contributed technical papers, and a panel discussion.

REGULAR SESSIONS invite contributions in the following topic areas:

- Analysis and simulation of electromagnetic devices
- Electromagnetic sensors and actuators
- Materials characterization
- Nondestructive evaluation and advanced signal processing
- Maintenance and reliability engineering
- Micro electro-mechanical systems (MEMS)
- Electromagnetic metamaterials
- Microwave engineering, high power RF
- Biomedical engineering
- Power conversion, energy efficient systems
- Optics and photonics

VENUE

Budapest with 2 million inhabitants is famous for beauty and vibrant commercial and cultural life. It is the academic center of the country. It also boasts hundreds of theaters, concert halls and museums. Academic and business life, as well as touristic spots of amusements, lively center, pretty parks, majestic river, tall church spires and lavish spas: they attract millions of visitors to the capital of Hungary. The selected venue of the event—the *Thermal Margaret Island* situated on the picturesque Margaret Island, in the middle of Budapest—can perfectly serve the organization of an enjoyable and fruitful ISEM 2027.

SUBMISSION AND PUBLICATION

Authors are invited to submit a 2-page short papers outlining the key aspects of their original and significant contribution. The authors of accepted papers will be invited to present the research work at the conference, and submit a 6-page full paper. Accepted full papers will then be published in the *International Journal of Applied Electromagnetics and Mechanics (IJAEM)*.

REGISTRATION

Registration will be available on the conference website from 1 February 2027. Significant discounts will be offered to early bird registrations.

EXHIBITION

An exhibition on simulation software and nondestructive testing instrumentation related to ISEM 2027 is planned to be held during the conference. The objective is to give the worldwide attendance of the conference the opportunity to become acquainted with the latest innovations available on the market. Potential exhibitors are asked to contact the organizers for further information.

INTERNATIONAL STANDING COMMITTEE

Christos Antonopoulos (Greece), Sándor Bilicz (Hungary), Tomasz Chady (Poland), Zhenmao Chen (China), Yiming Deng (United States), Soichiro Ikuno (Japan), Fumio Kojima (Japan), Luming Li (China), Xavier Maldague (Canada), Vincent Mazauric (France), Jinhao Qiu (China), Toshiyuki Takagi (Japan), Antonello Tamburrino (ISC Chair, Italy), Theodoros Theodoulidis (Greece), Guiyun Tian (United Kingdom), Lalita Udupa (United States), Tetsuya Uchimoto (Japan), Shiyong Yang (China)

CONFERENCE ORGANIZERS

The conference is organized by the staff of the *Budapest University of Technology and Economics (BME)*:

Sándor Bilicz	General Chair
József Pávó	Co-Chair
Zsolt Badics	Publication Chair

Secretariat and Professional Conference Organizer:

Diamond Congress Ltd. (www.diamond-congress.hu)