



26th Soft Magnetic Materials Conference

Prague, September 4-7, 2023

www.smm26.cz

Call for papers

It is our great pleasure to announce the 26th Soft Magnetic Materials Conference (SMM), to be held in Prague, Czech Republic.

We will celebrate the 50th anniversary of this conference. Since the first event at Torino, Italy in 1973, SMM conferences has brought academic and industrial specialists together to share and spread the latest advances on all aspects of soft magnetic materials.

The conference will provide all participants with opportunities to exchange the latest developments, ideas and their experiences in the fields of materials properties, fundamental studies in magnetism and simulations, design and applications during technical sessions.

With your active contributions by submitting papers and presentations as well as active participation, the SMM26 surely will be an academically enriching, socially enjoyable, and truly memorable experience for all participants.

On behalf of the international committee, the editorial board and local organizing committee, we cordially invite you to come to Prague to attend the SMM26!



Presentations

The conference program will consist of invited keynote speeches, oral, and poster presentations. Authors are asked to indicate their preference for giving an oral or poster presentation on the electronic submission form. The editorial board will make the final decision on the assignment of papers to sessions and presentation format. Part of the invited presentations will be selected from the submitted digests by the editorial board. Each paper must be presented by an author.

Topics

- Basic problems, magnetisation processes, relevance of microstructures
- Magnetostriction, magnetocaloric and anisotropy
- Grain-oriented, non-oriented, and high silicon electrical steels
- Fe-Ni, Fe-Co and soft ferrites
- Amorphous and nanocrystalline alloys
- Low dimensional materials: powder cores, thin films, wire, novel and special materials
- Material and circuit behavior: analysis and modeling of induction, eddy currents, losses, noise
- Magnetic measurements, instrumentation and characterization methods
- Transformers, motors, actuators and other power applications
- Sensors, high-frequency and electronic applications
- Non-destructive magnetic methods
- Bio-electromagnetic and medical applications
- Energy and environmental aspects
- Additive manufacturing, 3D printing, rapid prototyping, layered manufacturing, additive fabrication

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Digest information

Authors are invited to submit 1-page digests, in line with the themes of the conference, in the format available on the conference web site. All digest must be submitted in PDF format online. After a peer-review process, the authors of the accepted digests will be invited to present their research work at SMM26, by oral or poster presentations, and to submit 4-page full papers for possible publication in a special issue of a Journal of Magnetism and Magnetic Materials (Elsevier). The authors will be informed of the status of their submission via e-mail by May 30, 2023.

Important Dates

1-page digest submission deadline	April 30
Abstract acceptance notification	May 30
Registration opening	February 1
Early bird registration deadline	June 30
Conference begins	Sept. 4
Submission of 4-page full papers	Sept. 30

Local organizing committee

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