



17th International Conference on Applied Electromagnetics

August 27 - 29, 2025
Niš, Serbia

Organized by:

Faculty of Electronic Engineering of Niš, University of Niš, Serbia
Faculty of Electrical Engineering and Information Technology, University of
Technology, Ilmenau, Germany
Technical University of Sofia, Bulgaria
Faculty of Occupational Safety, University of Niš, Serbia
Faculty of Technical Sciences, Čačak, University of Kragujevac, Serbia



CALL FOR PAPERS

Following the success of previously organized **International Conferences on Applied Electromagnetics - PEEC**, the Department of Theoretical Electrical Engineering is proud to announce the 17th PEEC Conference to be held on **August 27-29, 2025**, at the Faculty of Electronic Engineering, University of Niš, Serbia.

Potential authors are invited to submit a preliminary **one-page digest by April 20, 2025**. Manuscripts should be prepared according to the instructions and submitted using the online Paper Submission application. Digests should be informative and concentrated on results. A digest template is available on the website <http://pes.elfak.rs>. The conference will feature oral and poster presentations.

The official conference language is English.

All submitted digests will be reviewed in order to determine their suitability for publication. Notification of acceptance of the contributions will be given by **June 8, 2025**. All accepted digests will be printed in the Proceedings of extended abstracts before the conference.

Conference Topics

1. Computation of electromagnetic fields
2. Optimization and inverse problems in electromagnetics
3. Electromagnetic CAD
4. EMC problems
5. Coupled field problems: electromagnetic, thermal, mechanical fields
6. Sensors and sensing phenomena
7. Non-linear electromagnetic systems
8. Bioeffects of electromagnetic fields
9. Complex media and metamaterials
10. Computational optics and photonics
11. Modelling and computation of high-temperature superconductivity
12. EM circuits&systems
13. Other

Important dates

Digest submission deadline:	April 20, 2025
Notification of acceptance:	June 8, 2025
Full paper submission deadline:	August 31, 2025
Authors' early registration and payment:	July 15, 2025

Full paper submission

Authors of accepted contributions will be invited to submit a full paper. A camera-ready manuscript of full paper in both the DOC and PDF format will be required by **August 31, 2025**. Detailed instructions for preparing a full paper version will be sent to all authors of accepted papers and will also be available on the conference website.

All presented full papers will be published in digital form after the conference.

Detailed information is available at <http://pes.elfak.rs>

Publication of selected papers

All presented full papers will be, depending on the content, considered for publication in journals:

- Elektronika Ir Elektrotehnika (research journal of Kaunas University of Technology, Lithuania, in Web of Science),
- Facta Universitatis, Series: Electronics and Energetics (scientific journal of the University of Niš, Serbia, in Web of Science since 2025),
- E+E journal (Elektrotehnika & Elektronika, Union of Electronics, Electrical Engineering and Telecommunications /CEEC/Bulgaria),
- JET - Journal of Energy Technology (Faculty of Energy Technology, University of Maribor, Slovenia),
- Serbian Journal of Electrical Engineering (scientific journal of the Faculty of Technical Sciences Čačak, Serbia).

Participation fees

- **Regular fee: € 180 (early bird) / € 200 (late)**
- **Reduced fee (IEEE members): € 170 (early bird) / € 190 (late)**
- **Reduced fee (students): € 130 (early bird) / € 150 (late)**

Early bird fees are valid **from June 9 until July 15, 2025**. The payment should be done according to the Instructions for payment.

Conference General Chair

Nebojša Raičević, University of Niš, Serbia

Steering Committee

Vesna Javor, University of Niš, Serbia
Hannes Töpfer, Ilmenau University of Technology, Germany
Ivan Yatchev, Technical University Sofia, Bulgaria
Dejan Krstić, University of Niš, Serbia
Alenka Milovanović, University of Kragujevac, Serbia

Scientific Committee

Darius Andriukaitis, Kaunas University of Technology, Lithuania
Vesna Arnautovski-Toševa, Un. Cyril and Methodius, North Macedonia
Jurij Avsec, University of Maribor, Slovenia
Iosko Balabozov, Technical University Sofia, Bulgaria
Marinko Barukčić, University of Osijek, Croatia
Hartmut Brauer, Technische Universität Ilmenau, Germany
Massimo Brignone, University of Genoa, Italy
Mario Cvetković, University of Split, Croatia
Snežana Čundeveva, University of Cyril and Methodius, North Macedonia
Danijel Danković, University of Niš, Serbia
Marko Dimitrijević, University of Niš, Serbia
Tatijana Dlabuč, University of Montenegro, Montenegro
Nikola Đurić, University of Novi Sad, Serbia
Bülent Ertan, Middle East Technical University Ankara, Türkiye
Jawad Faiz, University of Teheran, Iran
Christophe Geuzaine, Université de Liège, Belgium
Marian Greconici, Polytechnic University of Timisoara, Romania
Miralem Hadžiselimović, University of Maribor, Slovenia
Željko Hederić, University of Osijek, Croatia
Ilona Iatcheva, Technical University Sofia, Bulgaria
Nathan Ida, University of Akron, USA
Saša Ilić, University of Niš, Serbia

Venue

The PEC 2025 Conference will be held at the Faculty of Electronic Engineering, University of Niš.

Contact Details

Faculty of Electronic Engineering of Niš, University of Niš
Department of Theoretical Electrical Engineering
Aleksandra Medvedeva 4, Niš, SERBIA
Phone: +381 18 529 423, E-mail: pes@elfak.rs, Website: <http://pes.elfak.rs>

Supported by

- Ministry of Science, Technological Development and Innovation of the Republic of Serbia
- IEEE EMC Chapter of Serbia and Montenegro

Marko Jesenik, University of Maribor, Slovenia
Bernd Jaekel, Siemens AG, Erlangen, Germany
Elya Joffe, Senior EMC Engineering Specialist, Israel
Karolina Kasaš Lažetić, University of Novi Sad, Serbia
Dardan Klimenta, University of Priština, Serbia
Branko Koprivica, University of Kragujevac, Serbia
Jaroslaw Makal, Bialystok University of Technology, Poland
Gradimir Milovanović, Serbian Academy of Sciences and Arts, Serbia
Miodrag Milutinov, University of Novi Sad, Serbia
Damjan Miljavec, University of Ljubljana, Slovenia
Dragan Olćan, University of Belgrade, Serbia
Mirjana Perić, University of Niš, Serbia
Bojana Petković, Ilmenau University of Technology, Germany
Milan Plazinić, University of Kragujevac, Serbia
Milka Potrebić, University of Belgrade, Serbia
Renato Procopio, University of Genoa, Italy
Farhad Rachidi, Swiss Federal Inst. of Technology (EPFL), Switzerland
Vladimir Rakov, University of Florida, USA
Milica Rančić, Mälardalen University, Västerås, Sweden
Maurizio Repetto, Politecnico di Torino, Italy
Sergei Silvestrov, Mälardalen University, Västerås, Sweden
Jasmin Smajic, ETH Zurich, Switzerland
Aida Spahiu, Polytechnic University of Tirana, Albania
Mark Steffka, University of Detroit-Mercy, USA
Bojan Štumberger, University of Maribor, Slovenia
Vasilija Šarac, University Goce Delcev, Stip, North Macedonia
Dejan Tošić, University of Belgrade, Serbia
Stanimir Valtchev, New University of Lisbon, Portugal
Mario Vražić, FER, University of Zagreb, Croatia
Ana Vučković, University of Niš, Serbia
Ana Vukovic, University of Nottingham, UK
Slavko Vujević, University of Split, Croatia
Darko Zigar, University of Niš, Serbia
Dragana Živaljević, University of Niš, Serbia

