



Society for Electronics, Telecommunications, Computers, Automatics and Nuclear engineering

**12th International Conference on Electrical, Electronic, and Computing Engineering
IcETRAN 2025,
Čačak, Serbia, June 9-12, 2025**

THIRD ANNOUNCEMENT & CALL FOR PAPERS

VENUE

The IcETRAN conference will be held in Čačak, Serbia. The host is the Faculty of Technical Sciences in Čačak of the University of Kragujevac, which celebrates its 50th anniversary, with the University of Priština in Kosovska Mitrovica as a co-organizer.



For more information about the Conference host please visit <http://www.ftn.kg.ac.rs/>

The IcETRAN Conference is sponsored by the IEEE Region 8, the IEEE Industrial Electronics Society, the IEEE Serbia and Montenegro Section, the IEEE Bosnia and Herzegovina Section, the IEEE S&M Section Power and Energy Chapter, and the IEEE S&M Section Computer Society Chapter. Parallel to the IcETRAN conference, the 69th National Conference of the ETRAN will be held.

All IcETRAN 2025 papers may be considered for inclusion into the IEEE Xplore Digital Library, and to be listed/cited through the SCOPUS, the Web of Science, and Google Scholar.



For more information about the Conference visit the website: www.etrans.rs

IMPORTANT DATES

- **December 31, 2024** - Deadline for proposing special sessions, workshops, tutorials, and invited lecturers
- **Mart 31, 2025 – EXTENDED DEADLINE FOR PAPERS SUBMISSION**
- **April 15, 2025** - Review process finalized; Reviews sent back to authors
- **April 28, 2025** - Final (revised) versions of papers received
- **May 5, 2025** - Preliminary Program (Conference site)
- **May 12 / May 26, 2025** - Early Registration (Early Bird) for the conference
- **June 8, 2025** - Preliminary Proceedings (Conference site)
- **June 9, 2025** - **OPENING SESSION OF THE IcETRAN 2025 AND ETRAN 2025 CONFERENCES**



Society for Electronics, Telecommunications, Computers, Automatics and Nuclear engineering

TOPICS (Sections)

- Electronics (ELI)
- Telecommunications (TEI)
- Computing and information engineering (RTI)
- Automation (AUI)
- Nuclear engineering and technology (NTI)
- Acoustics (AKI)
- Antennas and Propagation (API)
- Electric circuits and systems and signal processing (EKI)
- Power engineering (EEI)
- Biomedical engineering (BTI)
- Metrology (MLI)
- Microelectronics and optoelectronics (MOI)
- Microwave technique, technologies, and systems (MTI)
- New materials in electrical and electronic engineering (NMI)
- Robotics and flexible automation (ROI)
- Artificial intelligence (VII)
- Education (EDUI)

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Ministry for Science, Technological Development and Innovations of the Republic of Serbia



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MAIN SPEAKERS (by Feb.2025):

KEYNOTE (PLENARY) LECTURES

Prof. Emer. Vojislav Kecman, Virginia Commonwealth University, Richmond, USA,

„Artificial Intelligence – Myth or reality: The Third Golden Age”,

Prof. Petar Grbović, Innsbruck Power Electronics Laboratory (i-PEL), University of Innsbruck, Austria,

“Current Source PWM Converters - From Past to the Future”

Prof. Ron Dabora, University of Princeton, Princeton, NJ, USA, & Ben Gurion University, Beersheva, Israel,

“Interference-limited communications: Models, Inherent Limits, and Insights”

Prof. Vesna Spasić Jokić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia,

„Modern activities of the International Atomic Energy Agency”,

INVITED LECTURES

Section EEI: Dr. Jan Barta, Brno University of Technology, Faculty of Electrical Engineering and Communication, Department of Power Electrical and Electronic, “Advancements In Electrical Machines for E-mobility”

Section BTI: Dr. Lazar I. Jovanović, Wear Tech Labs, Simon Fraser University, Surrey, BC, Canada, “Brain-Computer Interface: Past, Present, and Future”,

INVITED PAPERS

Section RTI: Pavle Vuletić, Žarko Stanisavljević, University of Belgrade, School of Electrical Engineering, Belgrade, Serbia, „New approach to information protection in the cloud”,

Section EKI: Zoran Stamenković, University of Potsdam, Potsdam, and IHP-Leibniz Institute for Innovative Microelectronics, Frankfurt (Oder), Germany, “Machine Learning Techniques for Smart Agriculture”.

Section MLI: Živko Kokolanski, Ss Cyril and Methodius University in Skopje, Faculty of Electrical Eng. and Inform. Technol., Skopje, North Macedonia, “Advancing Energy Digitalization through Digital Twins and Living Labs”

Section EEI: Chen Hao, China University of Mining and Technology, Xuzhou, Jiangsu, China, “Switched Reluctance Motor Drive for Electric Heavy-Duty Trucks”

AWARDS

BEST PAPER AWARDS (max 16) – Each section of the ETRAN society may award the best paper.

The authors of the awarded papers are invited to submit a modified version of the manuscript for publication in international journals that cooperate with ETRAN society:



- Science of Sintering, <http://ojs.itn.sanu.ac.rs>, Published by ETRAN Soc., (Web of Science, Scopus, Crossref, DOAJ; SJR rank Q2; MNTRI of the R. Serbia rank: M22),
- Facta Universitatis, Series: Electronics and Energetics, <http://casopisi.junis.ni.ac.rs/Index.php/FUElectEnerg>, Published by the University of Niš, (Scopus, Crossref, DOAJ; SJR rank Q4; MNTRI of the R. Serbia rank M24)
- Serbian Journal of Electrical Engineering, <http://www.journal.ftn.kg.ac.rs>, Published by FTN Čačak, (Scopus, Crossref, DOAJ, SJR rank Q4; MNTRI of the R. Serbia rank M51),
- Electronics Journal, <http://els-journal.etf.unibl.org>, Published by ETF Banja Luka, (Scopus, DOAJ, SJR rank Q4; MNTRI of the R. Serbia rank M53)
- Microwave Review, https://www.mtt-serbia.org.rs/microwave_review, Published by MTT Niš, (Scopus, IET Inspec, EBSCO, Crossref, DOAJ; SJR rank Q4; MNTRI of the R. Serbia rank M53)

BEST YOUNG AUTHOR PAPER AWARDS - Each section of the ETRAN society may award the best young author’s paper. The authors of the awarded papers are invited to submit a modified version of the manuscript for publication in

- Serbian Journal of Electrical Engineering, <http://www.journal.ftn.kg.ac.rs>, Published by FTN Čačak, (Scopus, Crossref, DOAJ, SJR rank Q4; MNTRI of the R. Serbia rank M51)

MANUSCRIPT SUBMISSION

Papers are solicited for the ETRAN and IcETRAN Conferences presenting original theoretical or practical research results, the results of the application of theoretical methods in solving practical engineering problems, or descriptions of practical solutions or instrumentation. Only results not published or presented previously are acceptable. Besides the papers covering the fields of interest of particular sections of the Conferences, authors are encouraged to submit papers dedicated to education in the topics of interest for the sections of the two co-located conferences. Students of Ph.D., master’s, and undergraduate studies are specially invited and will be stimulated to submit papers. Only presented papers will be published after the conference either through e-Proceedings at the IEEE Xplore, or at the IcETRAN conference site (the author should select one of these two options). The detailed instructions for camera-ready manuscripts are on the IcETRAN conference site. The MS Word (*.docx) template can be used. The required format for the submission is a somewhat modified version of the IEEE Transactions format.

 [MS Word template*](#)  [PDF template](#)

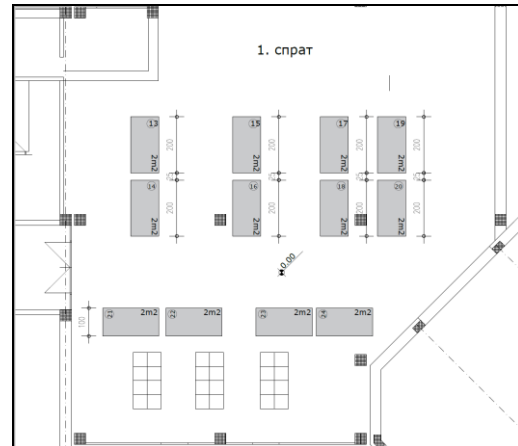
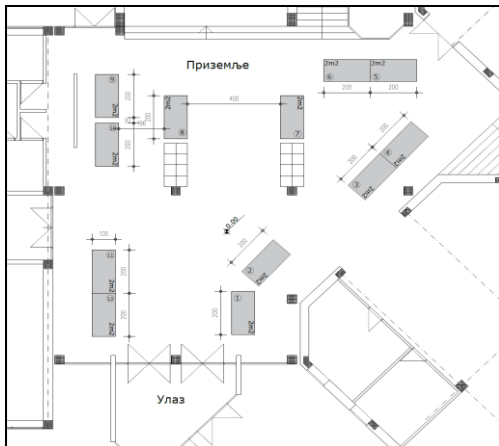
* It is recommended to use the .doc version as a template and apply its built-in styles.

Manuscripts must be submitted electronically in PDF format using:

 The [EasyChair conference management system](#)

EXHIBITION

The companies, enterprises, start-ups, and all that have an interest in the field of electrical, electronics, and computer/software engineering are invited to present themselves in the IcETRAN/ETRAN 2025 accompanying Industry Day and Exhibition in the main hall. Around 300 participants (professors, Ph.D., researchers, students, industry leaders, ...) are expected. For more details, please contact the Exhibition Chair Assoc. Prof. Marko Rosić.



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