



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

**11<sup>th</sup> International Conference on Electrical, Electronic, and Computing Engineering  
IcETRAN 2024, Niš, Serbia, June 3-6, 2024**

**SECOND ANNOUNCEMENT & CALL FOR PAPERS**

**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.

The authors are invited to submit papers from the field of nanoscience and nanotechnologies for the 16<sup>th</sup> Annual Nanotechnology Workshop nanoETRAN to be held within the framework of the Microelectronics and Optoelectronics Section.

Students of Ph.D., master, and undergraduate studies are specially invited and will be stimulated to submit papers.

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](#)

**AWARDS**

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

**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 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; MPNTR Srbije rank: M22),
- Facta Universitatis, Series: Electronics and Energetics, <http://casopisi.junis.ni.ac.rs/Index.php/FUElectEnerg>, Published by University of Niš, (Scopus, Crossref, DOAJ; SJR rank Q4; MPNTR Srbije rank M24)
- Serbian Journal of Electrical Engineering, <http://www.journal.ftn.kg.ac.rs>, Published by FTN Čačak, (Scopus, Crossref, DOAJ, SJR rank Q4; NITRA Srbije rank M51),
- Electronics Journal, <http://els-journal.etf.unibl.org>, Published by ETF Banja Luka, (Scopus, DOAJ, SJR rank Q4; MPNTR Srbije rank M53)
- Microwave Review, [https://www.mtt-serbia.org.rs/microwave\\_review](https://www.mtt-serbia.org.rs/microwave_review), Published by MTTs, (Scopus, IET Inspec, EBSCO, Crossref, DOAJ; SJR rank Q4; MPNTR Srbije rank M53)



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### **SPECIAL SESSIONS**

#### **Special Session 1: Outlooks and Challenges in Urban Solar Applications - (IcETRAN)**

**Session organizers:**

**Prof. dr Milutin Petronijević**

*University of Niš, Faculty of Electronic Engineering, Niš, Serbia*

**Ivana Radonjić Mitić**

*University of Niš, Faculty of Sciences and Mathematics, Niš, Serbia*

#### **Special Session 2: Transmission and distribution networks: configurations and solutions for the sustainable energy transition - (IcETRAN)**

**Session organizer: Assistant Prof. Manuela Minetti**

*University of Genoa, Department of Electric, Electronic and Telecommunication Engineering and Naval Architecture, Genoa, Italy*

#### **Special Session 3: Radars in interaction with humans and the environment - (IcETRAN)**

**Session organizers:**

**Prof. Olga Boric-Lubecke, IEEE Fellow and Foreign Member of AES**

*University of Hawai'i at Manoa, Honolulu, HI, USA*

**Prof. dr Milica Janković**

*University of Belgrade, School of Electrical Engineering, Belgrade, Serbia*

### **KEY NOTE LECTURES**

**Prof. dr Georgi Dimirovski (IcETRAN)**

*UKIM, Skopje, Republic of North Macedonia*

**„Complex Networks and Systemic Structures: Synergies of Control, Communications and Computing via Šiljak's Dynamics Graphs”**

**Проф. др Братислав Миловановић (ETPАН)**

*Универзитет Сингидунум, Центар Ниш, Србија*

**„Развој и достигнућа нишке електронске индустрије”**

**Проф. др Братислав Миловановић (ETPАН)**

*Универзитет Сингидунум, Центар Ниш, Србија*

**„170 година од рођења Михајла Пупина”**

### **INVITED LECTURES**

**Miroslav Pajić (IcETRAN, Sekcija)**

*Duke University, Durham (NC), USA*

Provisional title: **„Development of high-assurance system design methodologies for Cyber-Physical Systems (CPS)”**

### **INVITED PAPERS**

**Prof. dr Stevo Božinovski (IcETRAN)**

*South Carolina State University, Orangeburg (SC), USA*

**„Steps toward an IEEE Milestone achievement for a pioneering work in science”**

**Coauthors: Mihail Sestakov, Ljiljana Bozinovska**

Authors, wishing to submit the papers within the special session, previously should contact corresponding session chairman or prof dr Platon Sovilj, the chairman of the Program Committee.



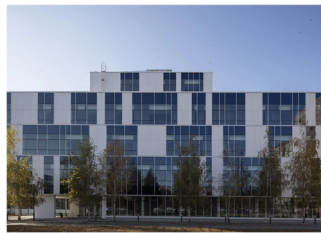
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### TOPICS (Sections)

- 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)

### VENUE

Etran and IcETRAN conferences will be held in Niš, Serbia. The host is the University of Niš - Faculty of Electronic Engineering, Niš.



For more information about the Conference host please visit <https://www.elfak.ni.ac.rs>

The IcETRAN Conference is sponsored by IEEE R8, IEEE Serbia and Montenegro Section, IEEE Bosnia and Herzegovina Section, and IEEE Power and Energy Chapter of the S&M Section. All IcETRAN 2023 papers may be considered for inclusion into the IEEE Xplore Digital Library, and to be listed/cited through the SCOPUS, and the Web of Science.



For more informations about the Conference visit the web site: [www.etrans.rs](http://www.etrans.rs)

### IMPORTANT DATES

- January 31, 2024 - Deadline for proposing special sessions, workshops, tutorials and inviting lecturers
- February 29, 2024 - DEADLINE FOR PAPERS SUBMISSION
- April 15, 2024 - Review process finalized, reviews sent back to authors
- April 28, 2024 - Final (revised) versions of papers received
- May 3, 2024 - Preliminary Program (Conference site)
- May 10 / May 24, 2024 - Early Registration (Early Bird) for the conference
- June 2, 2024 - Preliminary Proceedings (Conference site)
- June 3, 2024 - OPENING SESSION OF THE IcETRAN 2024 AND ETRAN 2024 CONFERENCES



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### ORGANIZERS

Society for ETRAN  
University of Niš - Faculty of Electronic Engineering, Niš



### UNDER THE AUSPICES

Ministry of Science, Technological Development and Innovations of Republic of Serbia (NITRA)



### TECHNICAL SPONSORS:

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### SUPPORTED BY

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