IEEE Romania Section
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ETcTI TM
Faculty of Electronics,
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UP Universitatea Politehnica Timisoara
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Call for Papers
16th International Symposium on Electronics and Telecommunications (ISETC '24)
Timișoara, România, November 07 – 08, 2024

The **16th International Symposium on Electronics and Telecommunications (ISETC '24)** is organized by the Faculty of Electronics, Telecommunications and Information Technologies from the Politehnica University Timișoara, România and the Association of Electrical Engineers from Timișoara in cooperation with IEEE România Section, Com Chapter, SP/IT/COM Joint Chapter, and the Romanian Academy of Technical Sciences.

Conference Tracks

Artificial Intelligence and Computer Vision	Instrumentation and Measurement	Open Education and Emerging Technologies	Power Electronics
• Deep Learning, Reinforced Learning, Machine Learning • Fuzzy Systems, Evolutionary Computing • Computer Vision • Medical Imaging • Biometrics, Face Gesture and Body • Computational Photography • Natural Language Processing	• Instrumentation, sensors, measurement techniques and devices • Industry 4.0 applications for smart manufacturing • Electromagnetic Compatibility, Microwaves, Antennas and Propagation • Biomedical Applications • Robotic systems in enhanced perception, autonomous and intelligent integrations • Automation solutions in dynamically reconfigurable manufacturing processes Real-Time applications for measurement techniques, data acquisition and processing	• Open Education: Open Access, Open Scholars, Open Educators, Open Learning, Open Educational Resources (OERs), Open Science, Open Data, etc. • MOOCs and Flipped Classrooms, Blended Learning • OERs and MOOCs for Industry Revolution 4.0 • Digital Transformation of Higher Education for STE(A)M Subjects • Advanced Learning Technologies and Game Based Learning • AR/VR and Blockchain Technologies in Education • Internet of Things Education	• Power Converters, Topologies and Design • Modern Control in Power Electronics • Renewable Energy Power Systems • Power Quality • Modelling and Simulation in Power Electronics • Grids, Smart Grids • Power Converters for Electric Vehicles
Signal Processing	**Telecommunications**	**Microelectronics**	**Industry Workshop**
• Adaptive and Non-linear Signal Processing • Statistical Signal Processing • Signal analysis, Transform and Reconstruction • Speech and Audio Signal Processing • Compressive Sensing • RADAR, Video and 3D Signal Processing • Watermarking • Model-Based Deep Learning applied in Signal processing for telecommunications	• Security • Antenna and Propagation • Network and Service Management • Telecom Software, Network Virtualization, and Software Defined Networks • Data Science and Artificial Intelligence for Communications • Design and Implementation of Devices, Circuits, and Systems • Internet of Things and Sensor Networks • 3G, 4G and 5G Communication Networks	• Semiconductor Technologies • Analog, Mixed and Digital ICs • VLSI Technologies • FPGA and Applications • Integrated Circuits Fabrication • Photonics and Optoelectronics • Electronic packaging	Workshop sessions include presentations of technical innovations and applicative research solutions coming from important industry actors. • Automotive Trends • Communication Technologies & IoT • Smart Manufacturing • Others

Prospective authors are invited to submit four-page (recommended-length) papers using IEEE Conference Proceedings format. All papers will be electronically handled and reviewed using EDAS platform. Accepted papers, presented at the symposium, will be submitted for inclusion/indexing into major databases. Since 2010, ISETC Proceedings have been indexed into IEEE Xplore Digital Library, Web of Science, SCOPUS, etc.

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SCHEDULE FOR AUTHORS	
Deadline for submission of papers:	June 30, 2024
Notification of acceptance:	September 22,2024
Deadline for submission of camera-ready papers:	October 01, 2024
Deadline for author registration:	October 12, 2024

More info: http://isetc.upt.ro   **Contact: simpo.etc@upt.ro**