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## 2026 XXXV INTERNATIONAL SCIENTIFIC CONFERENCE "ELECTRONICS ET2026"

September 16 - 18, 2026  
Sozopol, Bulgaria

IEEE CONFERENCE RECORD #72079

### CALL FOR PAPERS

#### ORGANIZED BY:

TECHNICAL UNIVERSITY OF SOFIA,  
FACULTY OF ELECTRONIC ENGINEERING AND TECHNOLOGIES, BULGARIA

**The conference is organized within the framework  
"Days of Science of the Technical University of Sofia 2026"**

#### TECHNICALLY CO-SPONSORED BY:

IEEE Bulgaria Section

Union of Electronics, Electrical Engineering and Telecommunications (CEEC)

The presented papers will be submitted to the IEEE *Xplore* Digital Library®. The materials are abstracted and indexed in Scopus and Clarivate Analytics Web of Science.

#### OFFICIAL LANGUAGE

English is the official language of the Conference.

#### REGISTRATION

The Registration, papers submission and notifications are performed on-line on the web site of the Conference: <http://e-university.tu-sofia.bg/e-conf/?konf=24>

Faculty of Electronic Engineering and Technologies (FETT): <http://fett.tu-sofia.bg/>

Conference e-mail: [elecs@tu-sofia.bg](mailto:elecs@tu-sofia.bg)

**DEADLINES:** Registration and full papers submission: June 14, 2026.

Notification of acceptance: July 12, 2026.

Final version submission: July 26, 2026.

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### CONTACTS

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# TECHNICAL TRACKS

## BIOMEDICAL ENGINEERING

Bioinformatics; Biosensors; Bioengineering and Mechatronics Applications in Life Sciences; Computer-aided Diagnosis in Healthcare; Health on the Web; e-Health and Wearable IoT; Smart Medical Systems

## CIRCUITS AND SYSTEMS

Electronic Circuits Analysis and Design; Computer Modelling and Applications; Computer-aided Design/Manufacturing; Modelling and Simulation of Systems; HDL or High Level Language Hardware Design; FPGAs; System-on-chip Design; Digital Signal and Image Processing; Neural Networks; Circuits and Systems for AI; AI and Data Analytics; ML and Big Data; AI Safety and Security; Augmented and Virtual Reality; Optical Fiber Communications; Lasers and Electro-Optics; Lighting Technologies

## EDUCATION, LEARNING TECHNOLOGIES AND HUMAN RESOURCES DEVELOPMENT

Educational Tools; AI in Education; Continuous & Distance Learning; Educational Materials and Methods; Learning by Doing & Experiential Learning; ICT in Laboratories; Engineering Education 4.0; University - Industry Collaboration; Entrepreneurship and Management; Intelligent Finance, Economics & Business Models; Human Resource Management; Ergonomics and Social Factor; AI Ethics and Regulation

## EMBEDDED SYSTEMS

Industrial Informatics; Industrial Network Design; DCS for Industrial Applications; Cloud Computing; Edge and Fog Computing; Cyber Physical Production Systems and IIoT; Industrial Applications of AI; Cyber Security; Intelligent Environment; Smart Traffic Management; Building Management and Automation

## INSTRUMENTATION AND MEASUREMENT

Advances in Measurement Theory and Metrology; Data Acquisition Systems; Sensors; IoT Architectures for Sensing, Monitoring, and Intelligent Routing; Mechatronics; Physical AI and Robotics; Measurement and Control for Automobile Systems; Industry 4.0, Digital Twins, and Intelligent Manufacturing Systems; Smart Agriculture; Radiation Measurements and Applications; Instrumentation for Nuclear Power Generation

## MICROELECTRONICS

Electronic Components; Advanced Semiconductor Design and Manufacturing; Simulation and Experiments in Microelectronics; Electronic Packaging

## NANOELECTRONICS AND TECHNOLOGIES IN ELECTRONICS

MEMS and NEMS; Micro/Nano-Manufacturing; Smart Actuators and Materials; Micro- and Nanotechnology for Instrumentation and Measurement; Composite and Polymer Materials

## POWER ELECTRONICS

Power Electronics Modelling, Simulation and Design; DC/DC Conversion; AC/AC Converters; Renewable Electric Energy Conversion; Energy Storage Technologies; Power Quality; Utility Applications; Microgrid & Smart Grid; Electrical Machines and Industrial Drives; Electric and Hybrid Electric Vehicles

## TESTING, QUALITY AND RELIABILITY

Electromagnetic Compatibility; Thermal and Vibrations Issues; Lifecycle Management; Safety and Reliability; Quality Management & Assurance; Occupational Health & Safety

## CONFERENCE REGISTRATION FEES

Regular Fee before August 15, 2026	300 EUR
Regular Fee after August 15, 2026	350 EUR
Student Fee before August 15, 2026	240 EUR
Student Fee after August 15, 2026	270 EUR
Visitor Fee	240 EUR
IEEE Members Discount	15%
CEEC Members Discount	15%

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## The registration fee includes:

Up to two papers presentation, Admission to all Conference sessions, Conference set, Official Reception, Opening Party, and Conference Gala Dinner on Thursday evening, September 17.