

#### ◆ CALL FOR PAPERS

The ELMA 2025 organizers invite you to submit papers in the area of the conference topics. A two-pages extended abstract for each paper should be submitted via the conference management system. Abstracts will be reviewed by at least two reviewers. Each author can participate in up to three papers.

#### ◆ SCOPE OF THE CONFERENCE

The first conference ELMA was held in Varna in November 1975. Originally the conference was conceived as a forum on electric machines. Gradually, the scope is extended and currently it includes all aspects of modern electrical engineering. **In 2025, we celebrate the 50th anniversary of the first ELMA.**

The main aim of the conference ELMA 2025 is to give an opportunity to academics, scientists, engineers, PhD students, manufacturers and users to discuss and exchange information about the results of their theoretical and experimental investigation, the utilization of new materials, the energy efficiency, the application of new technologies in the field of electrical machines, drives, renewable energy sources, power electronics and power systems.

#### ◆ VENUE

The 2025 19<sup>th</sup> International Conference on Electrical Machines, Drives and Power Systems ELMA 2025 will be held in Sofia, the Capital City of Bulgaria, in the Technical University, Faculty of Electrical Engineering.

#### ◆ LANGUAGE

The working language of the conference is English.

#### ◆ PAPER PRESENTATION

Papers will be presented in oral and poster sessions. Authors are asked to suggest the preferred form of presentation while the Program Committee will make the final decision.

Authors are expected to attend the conference in person to present their papers and share their ideas. Exceptionally, in case of justified reasons, remote participation is allowed upon request.

#### ◆ IEEE PUBLICATION

IEEE is the copyright holder of the Conference Proceedings. All accepted papers will be published in the Conference Proceedings and submitted to the IEEE *Xplore*® Digital Library, Scopus and Web of Science databases. IEEE

reserves the right to exclude a paper from distribution after the conference, including IEEE *Xplore*® Digital Library, if the paper is not presented by the author at the conference .

#### ◆ TOPICS

- ◆ Rotating electrical machines and transformers
- ◆ Electrical drives and actuators
- ◆ Electric traction and electric vehicles
- ◆ Electrohydraulic power and control systems
- ◆ Control systems in electrical engineering
- ◆ Power electronics
- ◆ Power systems
- ◆ Renewable energy sources and systems
- ◆ Energy efficiency and power quality
- ◆ Electrotechnologies and electrical appliances
- ◆ Modeling and virtual engineering in electrical industry
- ◆ ICTs, measurement in electrical engineering
- ◆ New materials and components
- ◆ Management and marketing in Electrical Engineering and Power Industry
- ◆ Standardization
- ◆ Education, teaching, multimedia, distance and e-learning in electrical engineering

Further information can be obtained on the Conference Web Page: <http://elmaconf.tu-sofia.bg>

#### ◆ ACCOMPANYING EVENTS

Companies are kindly invited to take part in the conference with presentations, innovations and sample demonstrations. To ensure participation, together with the application, please inform us about: the title of technical performance, the requested area and necessary voltage.

#### ◆ DEADLINES

<b>Abstract Submission:</b>	<b>April 14, 2025</b>
<b>Notification of Acceptance:</b>	<b>May 1, 2025</b>
<b>Early registration fee deadline:</b>	<b>May 18 31, 2025</b>
<b>Receipt of Full Papers:</b>	<b>May 31, 2025</b>

## 2025 19-th INTERNATIONAL CONFERENCE ON ELECTRICAL MACHINES, DRIVES AND POWER SYSTEMS



**June 19-21 2025  
SOFIA, BULGARIA**

Organized by:

**Union of Electronics, Electrical Engineering  
and Telecommunications (CEEC)  
IEEE Bulgaria Section**

*with the support of*  
Technical University of Sofia  
Technical University of Varna  
University of Ruse  
Technical University of Gabrovo  
Federation of Scientific and Technical Unions

The conference is part of  
Science Days of TU-Sofia

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**Vladimir LAZAROV** Technical University of Sofia  
**Bohos APRAHAMIAN** Technical University of Varna

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## ◆ REGISTRATION FEE

The registration fee is **350 EUR** for participation with up to three papers. It includes admission to Conference sessions, a copy of Conference Proceedings, coffee breaks, welcome cocktail, dinner.  
 Early registration fee is **300 EUR**.  
 The reduced fee for students, PhD students and for members of CEEC and IEEE is **300 EUR**.

## ◆ ADDRESS FOR CORRESPONDENCE

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