

#### ◆ CALL FOR PAPERS

The IEEE ELMA 2021 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. Shorter abstracts will not be processed. 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.

The main aim of the conference ELMA 2021 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 and application of new technologies in the field of electrical machines, drives, power electronics and power systems.

#### ◆ VENUE

The IEEE 17<sup>th</sup> International Conference on Electrical Machines, Drives and Power Systems ELMA 2021 will be held in Sofia, the Capital City of Bulgaria, in the Technical University, Faculty of Electrical Engineering, Bl. 12.

#### ◆ 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.

#### ◆ 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 sciences 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 electronic converters in electrical engineering
- ◆ 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

**Extended abstract submission: February 28, 2021**

**Notification of acceptance: March 30, 2021**

**Early registration fee deadline: April 30, 2021**

**Receipt of Full Papers: May 14, 2021**

## 2021 17-th INTERNATIONAL CONFERENCE ON ELECTRICAL MACHINES, DRIVES AND POWER SYSTEMS



**June 3-5 2021  
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  
Technical University of Gabrovo  
University of Rousse  
Federation of Scientific and Technical Unions

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**Bohos APRAHAMIAN** Technical University of Varna

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## ◆ REGISTRATION FEE

The registration fee is **300 EUR** for participation with up to three papers. It includes admission to Conference sessions, a copy of Conference Proceedings, coffee breaks, welcome cocktail, dinner. For additional paper the fee is **100 EUR**. Early registration fee is **250 EUR**. The reduced fee for students and for members of CEEC and IEEE is **200 EUR**.

## ◆ ADDRESS FOR CORRESPONDENCE

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