



# 36th International Conference on **ELECTRICAL DRIVES and POWER ELECTRONICS**

11th Joint Slovakia - Croatia Conference

25 - 27 September 2023, The High Tatras, Slovakia

## First Announcement and Call for Papers

### Conference Organisers



Technical University of Košice, Faculty of Electrical Engineering and Informatics, Slovakia



Slovak Electrotechnical Society (SES),  
Branch FEEI TU Košice, Slovakia



University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia



KoReMa - Croatian Society for Communications, Computing, Electronics, Measurement and Control

### About the Conference

The conference brings opportunity for engineers, specialists in industry and academia to create forum for sharing knowledge and exchange experiences on recent development, applications and future trends in all aspects of power electronic systems, electrical machines, electrical drives and their industrial applications.

The EDPE 2023 Conference continues in tradition of two former conferences established independently in Slovakia and Croatia, both in 1973.

Since 2003, when they merged, they are organised biennially, alternatively in both countries. Thus, the current conference will be the 11th Joint Slovak-Croatian Conference.

### Deadlines

- |  |                      |
|--|----------------------|
| * Full (regular) papers for reviewing (pdf file) | <b>15 April 2023</b> |
| * Notification about acceptance of the paper     | <b>31 May 2023</b>   |
| * Camera ready papers (after corrections)        | <b>30 Jun 2023</b>   |
| * Advanced registration                          | <b>31 July 2023</b>  |
| * Final program                                  | <b>28 Aug. 2023</b>  |

### Papers

The papers should be submitted via the submission section of the conference website. All papers will undergo a double-blind review process. Accepted papers for the conference will be sent for evaluation to IEEE database.

The conference will consist of plenary sessions with invited papers, plenary presentations and dialogue presentations. The working language is English.

### Discount for Students and IEEE Members

Full time PhD. students presenting their paper at the Conference can apply for discount from the registration fee. IEEE members have discount according to the IEEE policy.

### Topics

- 1. POWER ELECTRONICS AND APPLICATIONS**
  - 1.1 Power Semiconductor Devices and Modules
  - 1.2 Power Semiconductor Converters
  - 1.3 Control of Converters
  - 1.4 Power Quality, EMC, Filtering and PFC
  - 1.5 Converters for Special Applications
  - 1.6 Modelling and Simulation in Power Electronics
- 2. ELECTRICAL MACHINES AND DRIVES**
  - 2.1 Special Electrical Machines
  - 2.3 Control of DC and AC Drives
  - 2.5 Control of Stepping and SRM Drives
  - 2.6 Special Drives
  - 2.7 CAD of Electrical Machines
  - 2.8 Modelling and Simulation in Electrical Drives
- 3. MOTION CONTROL AND MECHATRONICS**
  - 3.1 Sensors and Observers
  - 3.2 Servodrives
  - 3.3 Drives for Vehicles and Traction
  - 3.4 Multi-motor Drives
  - 3.5 Industrial Drives Applications
  - 3.6 Mechatronic Systems with Drives
  - 3.7 Robotics, Robot Control
  - 3.8 Motion Control
- 4. OTHER RELATED TOPICS**
  - 4.1 Measurement and Signal Processing
  - 4.2 Control Systems and Algorithms
  - 4.3 Emerging Technologies
  - 4.4 Education and Training
  - 4.5 Distance Learning

### Conference Venue

Atrium Hotel ([bit.ly/3RX9HOo](http://bit.ly/3RX9HOo)) – congress and wellness hotel in Nový Smokovec – an oldest tourist centre and popular resort for skiing and hiking.

It is situated on a slope of the High Tatras Mountains at the altitude of 1010 m asl., just under the Slavkovský peak (2452 m).

### Conference Secretariat

EDPE 2023 Conference Secretariat  
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