

Call for Papers

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Organized by

Riga Technical University

58th International Scientific Conference of Riga Technical University on Power and Electrical Engineering is organized in order to give an opportunity to scientists, engineers and manufacturers as well as to doctoral students from all over the world to meet and discuss recent results in the area of power and electrical engineering.

Technical Tracks

The list of the topics of the conference includes but not limited to the following:

TT1: Electrical Engineering - Power Electronics

Implementation, Protection and Thermal Design of Power Semiconductor Switches
New Topologies and Topological Improvements of Power Electronic Converters
Design Issues of Power Electronic Converters
Applications of Power Electronic Converters

TT2: Electrical Engineering - Electrical Machines and Drives

Theory and Analysis of Electrical Machines and Drives
Design and Maintenance of Electrical Machines and Drives
Reliability and Lifetime Analysis of Electrical Machines and Apparatus

TT3: Electrical Engineering - Other Subtopics

Transformers, Relays and Other Electrical Apparatus
Industrial Robotic Systems
Theory, Analysis and Design of Other Electrical Equipment
Safety and Reliability of Electrical Equipment
Electromagnetic Compatibility of Electrical Equipment
Electric Power Supply

TT4: Power and Energy Systems

Power System Control, Automation, Stability and Protection
Power Quality and Reliability
Power Plants, Renewable and Distributed Energy Systems
Power System Planning, Management and Economic Evaluation
Power System Risk Assessment and Management
Electricity Market

TT5: Smart Grids

Energy Management in Buildings
Smart Grid for Energy Economy and Financial Management
Intelligent Energy Measurement and Monitoring
Smart Grid and Plug-In Vehicles
Power Converters and Control Equipment for Smart Grids

TT6: Information Technologies in Electrical and Power Engineering

Information Technologies in Electrical Engineering
Information Technologies in Power Engineering
Intellectual Transport Systems

TT7: Low Current and Control Electronics, Wireless Communications

Adaptive Electrical, Mechatronic and Robotic Systems
Electronics and Communications for Biology and Medicine
Tools of Human-to-Machine Interaction
Tools of Machine-to-Machine Interaction
Electronics for Energy Harvesting

Hardware and Software Tools for Signal Processing

Electronics and Communications for Sensor Networks

TT8: Electrical and Power Engineering Education

Methodology of Electrical and Power Engineering Education
Tools of Electrical and Power Engineering Education
Distance Education in Electrical and Power Engineering

STx: Open for proposals for special tracks

Important Dates

27/04/2018 Submission of drafts for review

21/05/2018 Notification of acceptance

15/06/2018 Submission of final papers

05/10/2018 Final date for fee transfer

12/10/2018 Conference program available

01/06/2018 Deadline for proposals of special tracks

12/06/2018 Drafts of special tracks

07/07/2018 Final papers of special tracks

Conference Venue



The conference will be held in the building of the Faculty of Power and Electrical Engineering of RTU (Latvia, Riga, Azenes street 12/1). Riga, the capital of Latvia has a lot to offer both in terms of history, culture and social life. The climate of Riga is humid continental. Temperature in November is 1-5^oC, precipitation – 40mm, 20% monthly sunshine hours.

General Information

- **Upload** at <https://www.easychair.org/conferences/?conf=rtucon2018>
- The working language of the conference is **English**
- Accepted papers will be presented in **oral sessions** only
- Initial submissions must be **full papers 4 pages long**
- **Blind peer-to-peer reviewing** will be provided for all regular papers
- **Special awards** will be given to the best paper, reviewer and participant
- Conference will be submitted to **IEEE Xplore** and **SCOPUS**
- The participation fee is **200 EUR** (including VAT) per paper per participant (for all categories). It covers the cost of conference proceedings, morning and afternoon coffee breaks, lunch, as well as Gala Dinner.

Contacts

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