



# POWERENG

5th International Conference  
**Power Engineering, Energy and  
Electrical Drives**  
May 11-13, 2015



Riga, Latvia

## Call for papers

<http://www.powereng2015.org/>

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- Dmitri Vinnikov  
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### Deadlines

- **23/01/2015**  
Full paper submission for review.
- **23/02/2015**  
Author's notification.
- **6/03/2015**  
Early registration.
- **13/03/2015**  
Final upload.

### General contacts

#### POWERENG'2015 Office

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### Organized by



**Riga Technical University**  
Tallinn, Estonia



**TALLINNA TEHNIKAÜLIKOOL**  
TALLINN UNIVERSITY OF TECHNOLOGY

**Tallinn University of Technology**  
Tallinn, Estonia

### Invitation

Welcome to the upcoming international conference POWERENG'2015. The aim of this event is to bring together researchers, engineers and practitioners from all over the world, interested in the advances of power systems (energy and electrical drives). Six simultaneous tracks will be held.

The conference will be held in Riga, the capital of Latvia which was also European Capital of Culture in 2014. Riga, with a population of about seven hundred thousand inhabitants, is a modern city, which has a lot to offer both in terms of history, culture and social life.

We are aiming to make this event scientifically fruitful and socially saturated.

### Topics

#### CT1: Power Generation, Transmission and Distribution

Modelling; Forecasting and Management; Power Quality and Grounding; Safety, Maintenance and Operation; Distribution System Planning and Reliability; Flexible AC Transmission Systems).

#### CT2: Power Electronics, Systems and Applications

(Soft switching converters; Multilevel converters; Matrix converters; Emerging topologies; Power Converters Modelling, Simulation and Control; Power Factor Correctors; EMI and over-voltage protection; Active Filters and Harmonics; Power Supplies; Power Electronics Components and Packaging; Reliability and Fault Tolerance).

#### CT3: Smartgrid Technologies & Applications

(Smart grid for distributed energy resources; Smart grid for energy savings and financial management; Smart grid in interdependent energy infrastructures; Smart grid for intelligent monitoring and outage management; Smart grid for energy management in buildings and home automation; Phasor measurement unit applications for smart grid; Smart grid for plug-in vehicles and low-carbon transportation alternatives)

#### CT4: Electrical Machines and Adjustable Speed Drives

(AC and DC Machines and Drives; Reluctance machines and drives; Permanent magnet machines and drives; Linear machines and drives; Sensorless control; Piezo and electrostatic actuators; Maintenance and Fault Diagnosis; Electrical Vehicles; EMC related phenomena)

#### CT5: Renewable Energy Sources and Technology

(Energy Management; Hybrid Power Systems; Distributed and Co-Generation Systems; Wind Energy Systems; Marine Renewable Energy; Biomass Energy and Geothermal Resources; Solar Energy Systems; Hydro Power Plants; Hydrogen Systems and Fuel Cells)

#### CT6: Education in Power and Electrical Engineering

(Education methodology; Simulation software and tools; Distance education).

**The above listed topics do not exclude submission and presentation of papers from other specific fields related to the general theme of the Workshop-Conference.**

### Participation Fee

- The registration fee includes the Workshop-Conference Proceedings CD-Rom, the three day lunches and coffee breaks, the welcome party and the gala dinner, are eligible for a ONE paper upload.

	Before 06/03/2015	After 06/03/2015	On site
<b>Non IEEE Members</b>	540 EUR	590 EUR	640 EUR
<b>IEEE Members*</b>	490 EUR	540 EUR	590 EUR
<b>IES Members*</b>	440 EUR	490 EUR	540 EUR
<b>Student (not authors)</b>	200 EUR	300 EUR	540 EUR

\*IEEE and IEEE-IES Members must indicate their member number within registration process. Student must send a document from their universities that acredits their student condition.

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## ○ Conference Location



The conference will be held in the new building of the Faculty of Power and Electrical Engineering of Riga Technical University (Latvia, Riga LV-1048, Azenes str. 12, building 1).

The climate of Riga is humid continental. Typical temperature in May is from 7 to 17°C, precipitation level - 48mm, mean monthly sunshine hours - 264

- General information about Riga -> [www.rigatourism.lv](http://www.rigatourism.lv)
- Riga airport -> [www.riga-airport.com](http://www.riga-airport.com)
- Riga international bus station -> [www.autoosta.lv](http://www.autoosta.lv)
- Latvian railway -> [www.ldz.lv](http://www.ldz.lv)
- General information about Latvia -> [www.latviatourism.lv](http://www.latviatourism.lv) and [www.travellatvia.lv](http://www.travellatvia.lv)



## ○ General information

- In accordance with the IEEE-IES Technical Co-sponsorship conditions papers should be accepted after a review process by three referees.
- Accepted papers will be presented in oral sessions. Poster sessions are not scheduled.
- The technical program committee will ask the authors for improving their papers according to the reviewer's recommendations.
- Initial submissions must be full papers. No abstracts will be reviewed.
- All submitted papers must be in Portable Document File (.pdf) IEEE Xplore compliant format. Instructions for typescript preparation are available on the conference website <http://www.powereng2015.org/>
- The accepted and presented papers will be published in the CD-Rom Workshop-Conference Proceedings and included in the **IEEE Xplore** database (also in **SCOPUS**), only if at least one author is registered using the registration form and has paid the registration fee.

## ○ Updated information at <http://www.powereng2015.org/>