



Investing in your future



European Union
European Social Fund

13th International Symposium "TOPICAL PROBLEMS IN THE FIELD OF ELECTRICAL AND POWER ENGINEERING" and "DOCTORAL SCHOOL OF ENERGY AND GEOTECHNOLOGY II" in Memory of Prof. Juhan Laugis

January 14 - 19, 2013, Pärnu, Estonia

Call for papers

<http://egdk.ttu.ee/eng/>

Organizing Committee

General Chairman

Dmitri Vinnikov (TUT, Estonia)

Co-Chair

Janis Zakis (TUT, Estonia)

Program committee members

- Mats Alaküla (Lund University, Sweden)
- Vanja Ambrožič (University of Ljubljana, Slovenia)
- Margus Arak (EMÜ, Estonia)
- Antero Arkkio (Aalto University, Finland)
- Grzegorz Benysek (University of Zielona Góra, Poland)
- Christian Buhrow (TU Bergakademie Freiberg, Germany)
- Peter-Klaus Budig (EAAT, Germany)
- Ilya Galkin (RTU, Latvia)
- Manfred Glesner (TU Darmstadt, Germany)
- Liisa Haarla (Aalto University, Finland)
- Sándor Halász (BME, Hungary)
- Jaan Järvik (TUT, Estonia)
- Karel Jezernik (University of Maribor, Slovenia)
- Tapani Jokinen (Aalto University, Finland)
- Aleksander Kilk (TUT, Estonia)
- Andres Keevallik (TUT, Estonia)
- Marius Klytta (THM, Germany)
- Tõnu Lehtla (TUT, Estonia)
- Janez Nastran (University of Ljubljana, Slovenia)
- Asko Niemenmaa (Aalto University, Finland)
- Tauno Otto (TUT, Estonia)
- Aadu Paist (TUT, Estonia)
- Ivars Rankis (RTU, Latvia)
- Leonids Ribickis (RTU, Latvia)
- Roma Rinkevičiene (VGTU, Lithuania)
- Johannes Steinbrunn (Hawassa University, Ethiopia)
- Ryszard Strzelecki (GMU, Poland)
- Pekka Särkkä (Aalto University, Finland)
- Heiki Tammoja (TUT, Estonia)
- Mart Tamre (TUT, Estonia)
- Ingo Valgma (TUT, Estonia)
- István Vajda (BME, Hungary)
- Valery Vodovozov (TUT, Estonia)

Deadlines

- **30/11/2012**
Paper submission and online registration deadline
- **10/12/2012**
Paper acceptance notification
- **21/12/2012**
Final date for fee
- **07/01/2013**
Availability of the Symposium program

Contact

Symposium Secretariat

Taavi Möller
Tallinn University of Technology
Ehitajate tee 5
19086 Tallinn, Estonia

Phone: +372 620 3708
FAX: +372 620 3701

egdk@ttu.ee

Organized by

Doctoral School of Energy and Geotechnology II



TALLINNA TEHNIKAÜLIKOOL
TALLINN UNIVERSITY OF TECHNOLOGY



Eesti Maaülikool
www.emu.ee
Estonian University of Life Sciences

The 13th International Symposium "TOPICAL PROBLEMS IN THE FIELD OF ELECTRICAL AND POWER ENGINEERING" and "DOCTORAL SCHOOL OF ENERGY AND GEOTECHNOLOGY II" is a great opportunity for engineering PhD students to present their research work on electrical engineering and other related areas. The Symposium is an activity specially intended for PhD students to present their research projects and to get in touch with many international PhD students and highly experienced professors and researchers from partner universities and enterprises.

For student activities please go to the Symposium web site (<http://egdk.ttu.ee/eng/>). You will get to know more about the previous editions of the Symposium.

Topics

The topics listed below do not exclude submission and presentation of papers from other specific fields related to the general theme of the Symposium:

- **Renewable Energy Sources and Resources, Microgrids**
- **Energy Saving and Power Management Systems**
- **Power Electronic Converters for Energy Generation, Transmission and Distribution**
- **Electrical Drives and Robotics**
- **Electromagnetic Compatibility**
- **Electrical Engineering and Lighting**

Special Sessions

In order to promote multidisciplinary collaboration between PhD students from different engineering areas, the following special sessions will be organized during the Symposium:

- **Mining and Geotechnology**
- **Mechatronics**
- **Mechanical and Thermal Engineering**
- **Education. Cooperation and Financing in Higher Education**
- **PhD Studies in European Universities: Possibilities and Opportunities**

Tutorials and Invited Lectures

In addition to the regular sessions organizers are inviting tutorials on various topics related to the general theme of the Symposium. A tutorial should present the state of the art technologies from Electrical and Power Engineering enabling PhD students to fully appreciate the current issues, main schools of thought, and possible application fields.

Symposium Venue



Symposium will be held in Pärnu at hotel SPA Tervis. The hotel is located close to the Yachting Harbour and the historic pier of Pärnu (Seedri str. 6). The Conference Centre is located on the 6th floor of Building 3 of SPA Tervis.

Pärnu is an economic centre located in South-West Estonia on the shores of the Gulf of Pärnu with an area of 32 km² and a population number of about 43,600. Pärnu has become known as a summer and resort city. Since 1996, Pärnu holds the title of Estonia's Summer Capital and in 2006 the new beach promenade was opened to grandly celebrate the 10th anniversary of the Summer Capital. Its status as a Hanseatic city adds a historic tone to Pärnu.

Special bus transfer from Tallinn to the Symposium venue and back will be organized for registered participants according to the information provided on their registration form.

General Information

- The submission of papers (max volume of a paper is 10 pages) and proposals for tutorials can be electronically done during the online registration available on the web site <http://egdk.ttu.ee/eng/>.
- The working language of the conference is English, which will be used for all printed materials, presentations and discussions
- Accepted papers will be presented in oral sessions. Poster sessions are not scheduled
- Initial submissions must be full papers. No abstracts will be accepted
- Awards and certificates will be given for the best presenter of every regular session
- Special award will be given to the most active participant during the Symposium
- Best papers submitted and presented during the Symposium will be recommended for publication in high-rank journals