

Accommodation in Pärnu, 10-15 January, 2011

Rooms for professors and doctoral students will be reserved in **SPA Tervis**. Individual payment, using cash or card. For additional information please call: +372 620 3700.



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. In 2010, the people of Pärnu will have the honour of hosting the contemporary Hanseatic cities at the International Hanseatic days.

SPA Tervis is Estonia's largest resort establishment on the Pärnu shore, which has been in operation for over three decades. The sanatorium complex consists of seven buildings which are connected by glass galleries, the newest of these is the hotel wing that was completed in 2002.

Transportation

By special bus from Tallinn to Pärnu and return to Tallinn.

Symposium Agenda, 10-15 January, 2011

- Saturday, 8: Arrival to Tallinn, accommodation in the Unique Hotel Mihkli,
- Sunday, 9: Endla str. 23, special rate 50 EUR/night for a twin room)
- Monday, 10, at 8.30: Bus trip from Tallinn to Pärnu, formal opening at 14.00
- Tuesday, 11: Presentations by professors and doctoral students
- Wednesday, 12: Presentations by professors and doctoral students
- Thursday, 13: Presentations by professors and doctoral students
- Friday, 14: Presentations by professors, doctoral and master students.
Closing ceremony and symposium banquet
- Saturday, 15, at 10.00: Departure from Pärnu to Tallinn

First Announcement and Call for Papers

10th International Symposium **PÄRNU 2011** “TOPICAL PROBLEMS IN THE FIELD OF ELECTRICAL AND POWER ENGINEERING” and “Doctoral School of Energy and Geotechnology II”



Euroopa Liit
Euroopa Sotsiaalfond



Eesti tuleviku heaks

It is a pleasure to invite you to participate in the 10th International Symposium
“*Topical Problems in the Field of Electrical and Power Engineering*” and
“*Doctoral School of Energy and Geotechnology II*”

to be held in Pärnu, Estonia, in January 10–15, 2011

Organizing and program advisory committee

General Chairman: Prof. Juhan Laugis (TUT, Estonia)

Program Committee Co-Chair: Dr. Dmitri Vinnikov (TUT, Estonia)

International members:

Mats Alaküla (Lund University, Sweden)

Vanja Ambrožič (University of Ljubljana, Slovenia)

Antero Arkkio (Aalto University, Finland)

Drago Ban (University of Zagreb, Croatia)

Isaak Braslavsky (Ural State TU, Russia)

Christian Buhrow (TU Bergakademie Freiberg)

Peter-Klaus Budig (EAAT, Germany)

Manfred Glesner (TU Darmstadt)

Liisa Haarla (Aalto University, Finland)

Sándor Halász (BUTE, Hungary)

Karel Jezernik (University of Maribor, Slovenia)

Tapani Jokinen (Aalto University, Finland)

Marius Klytta (FHG, Germany)

Vidmantas Mačerauskas (KTU, Lithuania)

Janez Nastran (University of Ljubljana, Slovenia)

Asko Niemenmaa (Aalto University, Finland)

Ivars Rankis (RTU, Latvia)

Leonids Ribickis (RTU, Latvia)

Roma Rinkevičiene (VGTU, Lithuania)

Algirdas Smilgevičius (VGTU, Lithuania)

Johannes Steinbrunn (FH Kempten, Germany)

Ryszard Strzelecki (GMU, Poland)

Pekka Särkkä (Aalto University, Finland)

István Vajda (BUTE, Hungary)

National members

Andres Keevallik (TUT, Estonia)

Tõnu Lehtla (TUT, Estonia)

Dmitri Vinnikov (TUT, Estonia)

Elmo Pettai (TUT, Estonia),

Valery Vodovozov (TUT, Estonia)

Rain Lahtmets (TUT, Estonia)

Ingo Valgma (TUT, Estonia)

Heiki Tammoja (TUT, Estonia)

Aleksander Kilk (TUT, Estonia)

Jaan Järvi (TUT, Estonia)

Aadu Paist (TUT, Estonia)

Mart Tamre (TUT, Estonia)

Tauno Otto (TUT, Estonia)

Margus Arak (EMÜ, Estonia)

Tutorial proposals

Electrical Drives and Robotics

Power Electronics Applications, Electromagnetic Compatibility

Renewable Sources and Resources, Micro- and Smart Grids

Mining and Geotechnology

Thermal Engineering

Mechatronics and Mechanical Engineering

Working language

The working language of the conference is English, which will be used for all printed materials, presentations and discussions.

Deadlines

- **Registration and submission of full papers:** **December 3, 2010**
- **Submission of proposals for tutorials:** **December 3, 2010**
- **Notification of acceptance:** **December 10, 2010**
- **Payment due:** **December 17, 2010**

The submission of papers (max volume of a paper is 10 pages) and proposals for tutorials can be electronically done sending them to Assoc. Prof. Rain Lahtmets by e-mail rain@cc.ttu.ee. The Symposium Registration and related information will be available on the web site <http://matrix.ene.ttu.ee/eng/> **from October 11, 2010**. Papers will be reviewed internationally. Instructions to authors can be obtained in Internet: <http://matrix.ene.ttu.ee/eng/>.

Proceedings

Papers of 10th International Symposium will be published in Proceedings of the Symposium and handed out to participants at the beginning of the symposium. This service is included in the registration fee. It will be possible to order electronic copy (CD-ROM) of these proceedings separately.

Oral sessions

Plenary session will take place during the opening session of the Symposium. Accepted papers will be presented in oral sessions. Poster sessions are not scheduled. Oral presentations include a 15 minutes presentation time plus 5 minutes for questions and answers. An award will be given for the best student presentation per Symposium topic.

Fees*

- **200 EUR** (including VAT) (3129 EEK) for professors
- **150 EUR** (including VAT) (2347 EEK) for doctoral students

Symposium Pack will include participation in all working sessions (5 days), a copy of the symposium publications, welcome reception, symposium banquet, morning and afternoon coffee breaks, special tours, transportation to Pärnu and return to Tallinn.

**Fee does not apply to the doctoral students and their supervisors engaged in the activities of Doctoral School of Energy and Geotechnology II Project and development of the curricula.*

Contacts

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Scientific topics

- a. Renewable Energy Sources and Resources, Microgrids
- b. Energy Saving and Power Management Systems
- c. Power Electronic Converters for Energy Generation, Transmission and Distribution Systems
- d. Electrical Drives and Robotics
- e. Electromagnetic Compatibility
- f. Electrical Engineering and Lighting
- g. Mining and Geotechnology
- h. Thermal Engineering
- i. Mechatronics and Mechanical Engineering
- j. Education. Cooperation and Financing in Higher Education. PhD Studies in European Universities: Possibilities and Opportunities.
- k. Related Topics