



Euroopa Liit
Euroopa Sotsiaalfond



Eesti tuleviku heaks

Tallinna Tehnikaülikooli elektriamite ja jõuelektronika instituut

ENERGIA- JA GEOTEHNIKA DOKTORIKOOL II

INTENSIIVKURSUS TEEMAL

"POWER ELECTRONICS IN SMART ELECTRICAL GRIDS"

Lektorid: Prof. RYSZARD STRZELECKI, Gdynia Maritime University (Poland)

Prof. GRZEGORZ BENYSEK, University of Zielona Góra (Poland)

Intensiivkursus toimub vene keeles.

Toimumiskoht: TTÜ Energeetikamaja, 4 korrus, kab. VII-417.

Toimumisaeg: 29.11.-01.12.2010

PROGRAMM JA AJAKAVA

Esmaspäev 29. november 2010

9.00-9.05	Intensiivkursuse avamine. Prof. Tõnu Lehtla
9.05.-10.30	Concept and Technology Platform of the Smart Grid. Prof. Grzegorz Benysek
10.30-12.00	Principles of Power Control in AC Systems (1st part). Prof. Grzegorz Benysek
12.00-13.00	Lõuna
13.00-14.30	Principles of Power Control in AC Systems (2nd part). Prof. Grzegorz Benysek
14.30-16.00	Overview of Power Electronics Converters (Power Electronics Background. General Model of Converters). Prof. Ryszard Strzelecki

Teisipäev, 30. november 2010

9.00.-10.30	Overview of Power Electronics Converters (High Technology Converters. Area of Power Electronics Applications in Electrical Grids). Prof. Ryszard Strzelecki
10.30-12.00	Multilevel Converters – a New Breed of Power Arrangements. Prof. Ryszard Strzelecki
12.00-13.00	Lõuna
13.00-14.30	Arrangement for Reduction of Voltage Perturbations. Prof. Ryszard Strzelecki
14.30-16.00	Active Power Line Controllers (Shunt and Series Active Controllers. Combined Shunt-Series Active Controllers). Prof. Ryszard Strzelecki

Kolmapäev 1. detsember 2010

9.00.-10.30	Active Power Line Controllers (Hybrid Passive-Active Arrangement). Prof. Ryszard Strzelecki
10.30-12.00	Integration of a Distributed Generation with Power System (1st part). Prof. Ryszard Strzelecki
12.00-13.00	Lõuna
13.00-13.45	Integration of a Distributed Generation with Power System (1st part). Prof. Ryszard Strzelecki
13.45-16.00	Power Electronic Interconnections for AC Systems. Prof. Ryszard Strzelecki
16.00-16.30	Küsimused-vastused (ümarlaud)

- Koolituse läbinuile väljastatakse vastav **tunnistus**, mis kinnitab 1 EAP saamist.
- **Registreerumine**. Osavõtjate arvu õigeaks teadasaamiseks ja teeninduse tellimiseks palume registreeruda hiljemalt **24.11.2010**
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