



**Department of Power Engineering
Tallinn University of Technology
DOCTORAL SCHOOL OF ENERGY- AND GEOTECHNOLOGY II**

**INTENSIVE COURSE
" *DISTRIBUTED GENERATION OF ELECTRICITY* "**

**Lecturer: Associate prof. Birgitte Bak-Jensen Aalborg University
Assistant prof. Pukar Mahat Aalborg University**

Venue: Ehitajate tee 5, VII-527

Time: October 15-17, 2012

TOPICS AND TIMELINE

Monday October 15

08.30 – 10.00 Energy demand and security of power supply (BBJ)

10.15 – 11.45 Renewable Energy Sources and Storage systems (PMA)

12.45 – 14.15 Power quality issues (BBJ)

14.30 – 16.00 Probabilistic models for distribution networks and wind power generation (BBJ)

After lectures consultations

Tuesday October 16

08.30 – 10.00 Grid connection requirements for Distributed Generation (PMA)

10.15 – 11.45 Grid islanding operation and grid reconnection (PMA)

12.45 – 14.15 Future trends for distributed generation (BBJ)

After lectures consultations

Wednesday October 17

08.30 – 11.45 Modeling and Simulation of Distributed Generation Systems in DIGSILENT (PMA)

After lectures consultations

13.00 – 15.00 Examination (BBJ and PMA)

BBJ: Birgitte Bak-Jensen Associate professor Aalborg University

PMA: Pukar Mahat Assistant professor Aalborg University

Registration: Registration deadline **12.10.2012**.

Additional information and registration mari.andresen@ttu.ee.
