

## Teaching portfolio

### **1. Teaching CV: A list of any lecturing and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD) as well as any external examiner tasks.**

#### Courses/Lectures

- DSO challenges related to smart grid, Advantage Workshop, May 2015 (PhD level)
- Building the Bridge between Electrical Grid Control and Communication in Smart Grids, Aalborg University, 2014 and 2015 (PhD level)
- Smart Distribution Systems, Aalborg University, 2013, 2014 and 2015; (PhD/Continuing education level)
- Lectures on Power Quality in Distribution grids in PhD course "Interconnection Issues and Impact of Renewable Energy on Power Quality", Aalborg University, November 2014, (PhD level)
- Stability of Modern Power System, Erasmus programme, Brasov, Romania, May 2013 (PhD/Continuing education level)
- Knowledge Sharing in Vestas Wind systems on modeling and simulation of control, wind energy conversions systems and power systems in Power Factory and Matlab/Simulink (Continuing education level)
- Dispersed Generation of Electricity – PhD Course held each year since 2006 at Aalborg University, Denmark and in 2009, 2013 and 2014 in Tallinn, Estonia.
- Lectures on Grid Connection Requirements for Distributed Generation in PowerCamp Summer School, Århus 2009 (PhD level)
- Modelling and simulation of power converters using Matlab/Simulink – Industrial course for APC A/S, December 2008, Kolding, Denmark;
- Power Converters and Control for Renewable Energy Sources – Tutorial at PESC 2006 Conference, 18 June, Jeju, South-Korea ((PhD/Continuing education level)
- Electrical aspects of wind turbines - DAWE PhD School May 2006, Aalborg University, Denmark (PhD/Continuing education level)
- Electrical aspects of wind turbines - DAWE PhD School October 2005, Aalborg University, Denmark (PhD/Continuing education level)
- Wind Turbine Interaction with Power Systems – HIH Center, December 2004, Herning, Denmark (Continuing education level)
- Electrical aspects of wind turbines – DAWE PhD Summer School June 2004, Aalborg University, Denmark.
- Future Power Systems in Denmark, autumn 2014 and 2015 (MSc level)
- Wind Turbine Systems Technologies (5 Modules), 8th semester 2006-2009 (MSc level)
- Matlab/Simulink Course (5 Modules), 6th semester 2007- 2009 (BSc level)

#### Co-supervisor for 4 PhDs

Supervisor for PhD guests

#### Supervision of student's project

- more than 25 projects at MSc level
- 4 projects at BSc level

#### External Examiner

- more than 10 project examinations

### **2. Study administration: A list of any study administration tasks, e.g. study board membership, head of studies or semester or course coordinator, accreditation, etc.**

Semester coordinator for MSc Programme in Wind Power Systems (2006-2009)

### **3. University pedagogy qualifications: A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.**

"Introduction to Problem Based Learning – The AAU Way", January 2003, Aalborg University;

### **4. Other qualifications: Conference attendance, editorials, presentations, etc. relating to education, 'University Teaching Day', etc.**

"Coaching and Mentoring", November 2011, course for Knowledge and Innovation Leaders in Vestas Wind Systems

**5. Teaching activity development and teaching materials: A list of any contributions to the development of new modules, teaching materials, study programmes, e-learning, collaboration with external business partners, etc.**

elaborating teaching material to more than 10 PhD/Industrial courses, 3 MSc courses, 3 workshops for industry, etc

**6. Teaching awards you may have received or been nominated for.**

Nominated as Teacher of the Year in 2009 by Study Board of Energy

**7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogic development, plans for following up on feedback/evaluations from students, etc.**

Type your answer here...

**8. Any other information or comments.**

Type your answer here...