

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.

PhD:

NORCOWE 3rd PhD Summer School, 2012 (phd)
PhD course on wind turbine design and control, 2011 (phd)
PhD course on nonlinear system identification (phd)
PhD advisor: 10
Sensor tasks, 20+ (master og bachelor)

Other:

E08 Estimation and Sensor Information Fusion (Master) (Course)
E07 Estimation and Sensor Information Fusion (Master) (Course)
E07 Introduction to Hybrid Systems (Master) (Course)
E06 Estimation and Sensor Information Fusion (Master) (Course)
E06 Introduction to Hybrid Systems (Master) (Course)
E05 Estimation and Sensor Information Fusion (Master) (Course)
E05 Introduction to Hybrid Systems (Master) (Course)
E05 Non-linear Control (Master) (Course)
E04 Estimation and Sensor Information Fusion (Master) (Course)
E04 Introduction to Hybrid Systems (Master) (Course)
E04 Introduction to Hybrid Systems 2 (Master) (Course)
E03 Estimation and Sensor Information Fusion (Master) (Course)
E03 Introduction to Hybrid Systems (Master) (Course)
E03 Introduction to Hybrid Systems (Master) (Course)
E03 Introduction to Hybrid Systems 2 (Master) (Course)
E02 Estimation and Sensor Information Fusion (Master) (Course)
F02 Modelling of Mechanical Systems (Master) (Course)
E01 Estimation and Sensor Information Fusion (Master) (Course)
E01 GPS Applications (Master) (Course)
F01 Modelling of Mechanical Systems (Master) (Course)
E00 Estimation and Sensor Information Fusion (Master) (Course)

E18 Control and Automation 10Sem (Master) (Supervision)
E17 Control and Automation 9Sem (Master) (Supervision)
E17 Control and Automation 7Sem (Master) (Supervision)
E10 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
F07 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F07 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F07 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
E06 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
F06 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
E05 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
F04 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
E03 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
E03 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
F03 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F03 Intelligent Autonomous Systems 8Sem (Master) (Supervision)
E02 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
F02 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F02 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F02 Intelligent Autonomous Systems 8Sem (Master) (Supervision)
F02 Intelligent Autonomous Systems 8Sem (Master) (Supervision)
E01 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
E01 Introduktionssemester 7Sem (Master) (Supervision)
F01 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F01 Intelligent Autonomous Systems 10Sem (Master) (Supervision)
F01 Intelligent Autonomous Systems 8Sem (Master) (Supervision)
E00 GPS Technology (Master) (Supervision)
E00 GPS Technology (Master) (Supervision)
E00 Intelligent Autonomous Systems 9Sem (Master) (Supervision)
E00 Introduktionssemester 7Sem (Master) (Supervision)

F17-E18 Control and Automation (Master) (Supervision)
F18-E19 Control and Automation (Master) (Supervision)

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.

Development and successful accreditation of a MSc in robotics, 2016
Accreditation for Robotics, 2013
Chair of Robotics educational committee
E02 Koordinering (Master) (Coordinator)
F02 Koordinering (Master) (Coordinator)
F02 Koordinering (Master) (Coordinator)
E01 Koordinering (Master) (Coordinator)
E01 Koordinering (Master) (Coordinator)
F01 Koordinering (Master) (Coordinator)
F01 Koordinering (Master) (Coordinator)
E00 Koordinering (Master) (Coordinator)
E00 Koordinering (Master) (Coordinator)

3. University pedagogy qualifications

A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.

University pedagogy course
Collegial guidance and supervision

4. Other qualifications

Conference attendance, editorials, presentations, etc. relating to education, 'University Teaching Day', etc.

University Teaching Day 2018, 2019.

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.

T. Bak, Lecture Notes - Estimation and Sensor Information Fusion, 2000
T. Bak et al., Lecture Notes - Hybrid Systems, 2004
Robotics study guide was developed with me as chair
Intelligent autonomous systems (IAS) was developed by my colleague Rafael Wisniewski and I.

Fink, Flemming Kobberøe, Ole K. Andersen, Bak, Thomas, and Lars Bo Larsen. "The internationalisation of postgraduate programmes." *Global Journal of Engineering Education*, no. 2 (2002): 125–133. ISSN: 13283154.

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

Type your answer here...

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.

The ongoing theme in my teaching is that learning is something that happens individually in the individual student's brain. My task is primarily to initiate and stimulate the process, and to enable and involve the students as much as possible, whether it involves courses or project work.

8. Any other information or comments

Type your answer here...