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.

2015

7 Semester (CA7) supervison. Title: Control of blade fatigue test. Group: 15gr730.

9 Semester (CA9) supervision. Title: Control of blade fatigue test. Student: Francesco Catarinacci. Intership at Siemens Wind Energy.

10 Semester (CA9) supervision. Title: Wind field estimation. Student: FDavid Sanchez Blanco. In cooperation with Siemens Wind Energy.

9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation.

PhD course. NORCOWE Summer School 2015, 17th to 21st of August at Hardingasete, Hardanger, Norway. Role: Presenter and teacher in group work half of a day with the theme: Control of wind turbines & wind farms and co supervisor the rest of the week.

2016

9 Semester (CA9) course. Title Nonlinear Control Systems Role Lecture on approximately 1/3 of the course covering Nonlinear state estimation.

PhD Course S3.1(2016). Title: Data Driven Modeling of Linear and Nonlinear Systems Period June 6-10, 2016 Role Organizer and teacher/lecture of 3 out of 5 days ECTS 3.

2017

8 Semester (MathTech8) supervision. Group: G3-113b. Students: Katrine Sofie Tjell. Title: Type 2 Diabetes Modeling and Control Project period February 2017 -May 2017 Project type: In cooperation with Novo Nordisk.

9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation. From the evaluation summary: "The planning and execution of this course was appreciated by all students."

2018

8 Semester (MathTech8) supervision. Grou: G4-212b. Student: Barbara Martinovic. Title: Autoregressive model estimation for long-acting insulin responce. Project type: In cooperation with Novo Nordisk.

8 Semester (CA8) supervision. Group 831. Students Aitor Ramirez Gomez plus 4 more. Title: Model predictive control for insulin intensification in type 2 diabetes. Project type: In cooperation with Novo Nordisk.
9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation. From the evaluation summary: "The planning and execution of this course was appreciated by all students."
9 Semester (CA9) supervision. Group CA9-933. Title: Predictive Individual Pitch Control of a Wind Turbine.
9 Semester (CA9) supervision. Group CA9-934. Title: Predictive Individual Pitch Control of a Wind Turbine.

2019
8 Semester (CA8) supervision. Group CA8-836. Title: Model predictive control for insulin intensification in type 2 diabetes

10 Semester (CA10) supervision. Group CA9-933. Title: Predictive Individual Pitch Control of a Wind Turbine.

10 Semester (CA10) supervision. Group CA9-934. Title: Predictive Individual Pitch Control of a Wind Turbine.

10 Semester (CA10) supervision. Group CA10-1039. Title: Predictive Individual Pitch Control of a Wind Turbine.
9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation. From the evaluation summary From last semester group minutes: "Non-linear control systems (Ozkan, Torben): Good course."

Semester (CA3) supervision. Group CA9-936. Title: Model predictive control for insulin intensification in type 2 diabetes.
9 Semester (CA3) supervision. Group CA9-931. Title: Predictive Individual Pitch Control of a Wind Turbine

9 Semester (CA3) supervision. Group CA9-932. Title: Predictive Individual Pitch Control of a Wind Turbine

9 Semester (CA3) supervision. Group CA9-933. Title: Predictive Individual Pitch Control of a Wind Turbine

2020
10 Semester (CA4) supervision. Group CA9-931. Title: Predictive Individual Pitch Control of a Wind Turbine

10 Semester (CA4) supervision. Group CA9-932. Title: Predictive Individual Pitch Control of a Wind Turbine

10 Semester (CA4) supervision. Group CA9-933. Title: Predictive Individual Pitch Control of a Wind Turbine

9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation. From last group meeting: "Non-linear control systems (John, Torben): Good course (course finished)"

2021
10 Semester (CA4) supervision. Group 21gr1031a Borja Barrios Blaya. Title: Covid19 modeling and control.
9 Semester (CA3) supervision. Group es-21-ca-9-932 Daniel. Title: Covid19 modeling and control.
9 Semester (CA3+4) supervision. Group es-21-ca-9-934. Title: Wind Turbine control.9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation.
PhD course autumn 2021: s7.3 State and Parameter Estimation in Nonlinear Dynamic Stochastic Systems (2021)2022

2022
8 Semester (CA8) supervision. Group es-22-ca-831 Title: Wind Turbine Generator modeling and control.
8 Semester (CA8) supervision. Group es-22-ca-833 Title: Wind Turbine Generator modeling and control.
9 Semester (CA9) supervision. Rasmus Løvschall Kristiansen - Vestas internship.
9 Semester (CA9) supervision. Martin Højlund Therkildsen - Vestas internship.
9 Semester (CA9) course. Title: Nonlinear Control Systems. Role: course responsible and lecture on approximately 1/3 of the course covering Nonlinear state estimation.

2023

8 Semester (ES8) course. Title: Sensors and Systems. Role: Lecture on approximately 1/3 of the course covering Nonlinear state estimation.
4 Semester (ROB4) supervision. Group es-23-rob-4-465 Title: UAV/UGV Collaboration For Firefighting.

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.

2021
Semester coordination CA7+CA9.

2022
Semester coordination CA8+CA10.
Semester coordination CA9.

2023
Semester coordination CA10.

3. University pedagogy qualifications

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

4. Other qualifications

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

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.

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.

Type your answer here...

8. Any other information or comments

Type your answer here...