

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.

Ph.D course teaching - "Over-the-air performance evaluation of mobile terminals", 1 ECTS, Aalborg University, 2016 spring - "5G Optimised Physical Layer", 5 ECTS, Aalborg University, 2017 Fall. Course organizer and lecturer. Ph.D supervision: - Johannes Hejselbk, 2015-2018 (expected), co-supervisor, Radio propagation for the next generation mobile communication system. (main supervisor: Gert F. Pedersen). - Fengchun Zhang, 2016-2019 (expected), co-supervisor, "Radio channel characterization for 5G communication systems", (main supervisor: Gert F. Pedersen). - Anders Karstensen, 2016-2019 (expected), co-supervisor, Radio propagation for cm-wave mobile and satellite communication systems, main supervisor: Gert F. Pedersen - Yilin Ji, 2017-2020 (expected), co-supervisor, Cm-wave Radio propagation for mobile terminals, main supervisor: Gert F. Pedersen Master student project supervision: - 10th Semester project: "Experimental analysis of millimetre-wave channels based on a virtual cubic antenna array VNA based system", supervisor, Aalborg University. Student: Allan Wainaina Mbugua. 2017, Spring. - 8th Semester project: "Exploration of Random Array Rectenna for NLOS mm-Wave Communications", supervisor, Aalborg University. Students: Igor Aleksandrovich Syrytsin; Henrik Aarup Vesterager; Sren Bgeskov Nrgaard; Lasse Thomsen, 2015 spring. - 7th Semester project: "Wireless Network Planning of Smart Meter Concentrators", cosupervisor, Aalborg University, Students: Mathias Hjorth Laursen, Anders Charly Rasmussen, Benjamin Grosbois (guest student), Mathias Rnholt Kielgast; 2015 fall. Research assistant/trainee supervision: -Research assistant, Ines Carton, 2014-2016 (1 year and 6 months), Over-the-air evaluation of MIMO capable devices. -Trainee, Marie Mbeutcha, 2015-2016 (6 months), Massive MIMO beamforming performance under ray tracing simulated channels. - Research assistant, Anders Karstensen, 2015- 2016 (9 months), mm-Wave channel characterization. - Trainee, Yi Tan, 2015-2016, (9 months), mm-Wave channel characterization - Trainee, Fengchun Zhang, 2015-2016 (three months), mm-Wave channel characterization. - Trainee, Yilin Ji, 2016-2017 (1 year), mm-Wave channel characterization. - Trainee, Carla Di Paola, 2016-2017 (6 months), Over the Air Evaluation of Mobile Phone Antenna Performance in talk mode in LTE Systems,

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.

Type your answer here...

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

My personal teaching philosophy includes: -Multiple methods to present the given topic, including lecture format on whiteboard, images and vide-os, demos, discussions and group work, written problem sets and hands-on activities -Being a exciting and dynamic teacher and always try to engage students during teaching -Emphasizing on providing real-world and hands-on examples to explain a concept for students Supervision philosophy: -Open-door policy to facilitate communication and meeting with students -Project/problem based learning. -Regular follow-up meetings

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

Courses: -Adjunktædagogikum - University Pedagogy for Assistant Professors (2016, Aalborg University) -PBL in Engineering and Science - Development of Supervisor Skills (2012 fall, PhD course Aalborg University)

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.

Type your answer here...

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...