

## Undervisningsportfolio

### 1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, niveau (BA, kandidat, EVU, Ph.d) samt evt. censoropgaver.

2022 - Main supervisor on the project module (6. semester B.Sc. in Architecture and Urban Design) 2022 - Main supervisor on the project module (research-based projects) (3. semester M.Sc. in Architecture) 2020 - Main supervisor (3. semester B.Sc. in Architecture and Urban Design) 2020 - Main supervisor on the project module (3. semester B.Sc. in Architecture and Urban Design) 2020 - Lecturer on the course module "Arkitektonisk projektering og detaljering" (3. semester B.Sc. in Architecture and Urban Design) The course module explores the design of temporary wood constructions through the implementation of parametric design and computational analysis of structural performance, keeping a strong focus on tectonic understanding and the utilisation of physical design explorations (prototyping). 2018 - Main supervisor on the project module (2. semester M.Sc. in Architecture) 2020 - Lecturer on the course module "Computation and Performance-aided Design" (2. semester M.Sc. in Architecture) The course module explores the design and construction of timber structures by integrating parametric design and structural analysis within one design system, thereby allowing form finding through genetic search algorithms. 2020 - Lecturer on the course module "Acoustics and Materiality" (2. semester M.Sc. in Architecture) The course module explores design methods for implementation and integration of architectural acoustics, material behavior and additive manufacturing. These methods are applied from the early design processes to the manufacturing processes and production of scaled prototype experiments. 2013 - 2019 Lecturer on the "Utzon(x) Summer School" series (International students of architecture and architectural engineering) The Utzon(x) projects was given a generous grant from the Obel Foundation to establish an international Summer School combining research and education on the highest international level. This was done in collaboration with front-runners from both academia and practice developing both methodological and theoretical concepts but always on the basis of prototypes and experiments in 1:1. 2013 - 2019 Lecturer and supervisor on the course module "Constructing and Designing Performative Urban Environments" (1. semester M.Sc. in Urban Design) The studio explores how contextual parameters can be utilized to drive the performance of small-scale urban structures. The course focus on using daylight analysis software as the main performance parameter. 2014 - 2018 Lecturer and supervisor on the course module "Acoustic Tectonic Studio" (2. semester M.Sc. in Architecture) The studio explores and applies architectural acoustics through early design processes to manufacturing processes and the production of 1:1 prototypes. The course integrates aspects of architectural acoustics, architectural parametric design, architectural theory and computer numerical controlled (CNC) manufacturing processes. 2011 - 2013 Lecturer and supervisor on the course module "Aero Architectural Studio" (4. semester B.Sc. in Architecture and Urban Design) The studio is organised in a series of 5 phases emphasizing on the shaping, organisation and construction of architectural structures driven by aerodynamic experiments evaluated through spatial, structural and environmental perspectives. In parallel investigations into advanced methods of digital production techniques allow above to be explored from constructive principles, focusing on joints, fabrication and assembly techniques.

### 2. Studieadministration: Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v.

2020 - Semester coordinator (3. semester B.Sc. in Architecture and Urban Design) 2020 - Coordinator of the course module "Arkitektonisk projektering og detaljering" (3. semester B.Sc. in Architecture and Urban Design) 2020 - Coordinator of the course module "Computation and Performance-aided Design" (2. semester M.Sc. in Architecture) 2020 - Coordinator of the course module "Acoustics and Materiality" (2. semester M.Sc. in Architecture) 2013 - 2019 Co-organiser of the "Utzon(x) Summer School" series (with participation of both national and International students from architecture and architectural engineering)

### 3. Universitetspædagogiske kvalifikationsforløb: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l.

2022 Currently in the process of undertaking the Adjunct Pedagogical Course at Aalborg University.

### 4. Anden form for kvalificering: Konferencedeltagelse, debatindlæg, oplæg m.v. i relation til uddannelse, "Undervisningens dag", o.l.

2021 Invited presentation at the "Betonworkshop 2021", AMU Nordjylland 2019 Invited presentation at the "Opening of Europe's largest 3D concrete printer", DTU 2019 Presentation at the "Symposium on Wood Tectonics", Utzon Center, Aalborg 2018 Invited lecture at the "4th Istanbul Biennial of IKSU", Kadir Has University, Istanbul, Turkey 2018 Conference presentation at the "eCAADe Conference 2018", Lodz, Poland 2018 Presentation at the "7th Aalborg U Robotics Workshop", Aalborg University 2009 Conference presentation at the "eCAADe Conference 2009", Istanbul, Turkey

### 5. Undervisningsudviklingsforløb og undervisningsmateriale: Oversigt over medvirken til udvikling af nye moduler, undervisningsmateriale, uddannelser, e-learning, samarbejde

**med eksterne samarbejdspartnere o.l.**

Skriv dit svar her...

**6. Nominering til og/eller modtagelse af undervisningspriser.**

Skriv dit svar her...

**7. Evt. personlige refleksioner og initiativer: Personlige overvejelser knyttet til undervisning og vejledning, ønsker til og planer for pædagogisk videreudvikling, planer for opfølgning på undervisningsevalueringer m.v.**

Skriv dit svar her...

**8. Andet.**

Skriv dit svar her...