

Teaching Portfolio

1. Formal educational training

11/2022	Motivational teaching (0.5 ECTS)
2018-2019	Lecturer Training Program (10 ECTS)
2018	Designing Blended Learning (2 ECTS)
2013	Leadership and Career Development (1 week training)
2012	Leading Teams in a Research Environment (1 week training)
2011	Making an Impact as an Effective Researcher (1 week training)

2. Administrative tasks relating to education

Since 2024	Degree responsible for Applied Mathematics Master degree
Since 2022	Organiser for Competenceportfolio - program to organise soft-skill trainings @ SDU
2020 - 2022	Elected member of the management board of Danish Institute for Advanced Studies.
Since 2021	Member of the Teaching committee for mathematics and computer science
Since 2021	Degree responsible for Master i Matematik
2021 - 2023	Coordinator of the first year projects in mathematics.

3. Experience of study programmes, supervision and examinations

Teaching and supervision

DS803 - Statistics for Data Science

Jäger, B.
01/09/2020 → 31/01/2021

DS803 - Statistics for Data Science

Jäger, B.
01/09/2021 → 31/01/2022

DS803 Statistics for Data Science

Jäger, B.
01/09/2024 → 31/12/2024

DS803: Statistics for Data Science

Jäger, B.
01/09/2019 → 31/01/2020

DS803: Statistik for Data Science

Jäger, B.
01/09/2023 → 01/01/2024

DS803: Statistik for Data Science

Jäger, B.
01/09/2022 → 01/01/2023

DSK803 Statistics for Data Science (International)

Jäger, B.
01/09/2024 → 31/12/2024

FF501 - First Year Project

Jäger, B.
01/02/2021 → 30/06/2021

FF501- Førsteårsprojekt

Jäger, B.
01/02/2019 → 31/05/2019

FF501- Førsteårsprojekt

Jäger, B. & Bulava, J.
01/02/2018 → 31/05/2018

FF501: Førsteårsprojekt

Jäger, B.
01/02/2020 → 30/06/2020

MM553 - Computational Physics

Jäger, B. & Bulava, J.
01/09/2020 → 31/01/2021

MM553 - Computational Physics

Jäger, B. & Della Morte, M.
01/09/2021 → 31/01/2022

MM553 Computational Physics

Della Morte, M. & Jäger, B.
01/10/2022 → 10/01/2023

MM553: Computational Physics

Jäger, B. & Zimmermann, R.
01/09/2023 → 01/01/2024

MM557 - Partial Differential Equations and Complex Analysis

Jäger, B.
01/02/2018 → 31/05/2018

MM557 - Partial Differential Equations and Complex Analysis

Jäger, B.
01/02/2019 → 31/05/2019

MM560: Introduction to Programming

Jäger, B.
01/02/2022 → 30/06/2022

MM560: Introduction to Programming

Jäger, B.
01/02/2023 → 30/06/2023

MM560 - Introduction to Programming

Jäger, B.
01/02/2021 → 30/06/2021

MM560: Introduction to Programming

Jäger, B.
01/02/2020 → 30/06/2020

MM560: Introduction to Programming

Jäger, B.
01/02/2024 → 30/06/2024

MM560: Introduktion til programmering

Zimmermann, R. & Jäger, B.
01/02/2019 → 31/05/2019

MM866 Introduction to HPC and Quantum Computing

Jäger, B.
01/09/2024 → 31/12/2024

MM866: Introduction to HPC and Quantum Computing

Jäger, B.
01/09/2023 → 01/01/2024

4. Methods, materials and tools

In my teaching, I have used various styles of teaching, which range from 'standard' blackboard lectures to hands-on computer classes. Depending on the subject and students, I have used different teaching styles to accommodate the requirements of my students. In terms of supervision, I think that a balance between independence research/studies with regular meetings provides the best outcome. This way students learn to work independently as well as in a research team. Here, my professional training was in particular helpful. Concerning assessments, I have participated in many various assessment methods, ranging from written exams, project work and scientific presentations.

5. Educational development and applied research into teaching at university, including educational awards

Participation in course "Designing Blended Learning", which combines the advantages of face-to-face lectures with modern e-learning and self-paced learning.

6. Reflections on your own teaching practice and future development including student evaluations

During my career, I have designed and taught 4 full courses. I have organized and marked 5 exams (2 as Teaching Assistant). My teaching experience includes math, high-performance computing and physics courses. I have always received very positive feedback for my teaching, which has been assessed independently by the university. I am enthusiastic about developing my teaching skills in order to deliver high-class lectures and improve the

student experience at university. I believe that blended learning has great potential to modernize my lectures and teaching approach in the future.