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Rediger Formel pædagogisk uddannelse

- Completed lecturer training programme at SDU (2014), including:
 1. Participation in four days of workshop on university pedagogy.
 2. Completion of 4 courses covering various pedagogical aspects of teaching (2 ECTS).
 3. Development and implementation of an e-learning project.
 4. Development and implementation of a pedagogical development project.
 5. Discussions of my teaching practice with the external and internal supervisor.
 6. Observation of teaching practices and discussions thereof with five colleagues from other departments.
- Participation in the workshop "Nye undervisningsmetoder i matematik" (June 1-2, 2016). Workshop on the ways of teaching mathematics in the future.
- Assessment of English skills (C2 level) obtained in connection with the 'Teaching in English at SDU' certification programme (2014)

Uddannelsesadministrative opgaver

- 2018: Featured professor in connection with international advertisement of Master's degrees (Master Campaign 2018)
- 2016 - present: Outreach coordinator for the mathematics group at IMADA. Responsible for recruitment of students to SDU's mathematical educations and strengthening of the relationship between the university and the local high schools.
- 2007 - 2008: Member of the PhD study board for the Faculty of Science, University of Copenhagen.
- 2006 - 2008: Member of the PhD committee at the Department of Mathematical Sciences, University of Copenhagen.

Erfaring med undervisning, vejledning og eksamen

TEACHING:

- Calculus (MM555, 5ECTS), Lecturer Fall 2019
- Algebra 2 (MM539, 5ECTS), Lecturer, Spring 2019.
- An introduction to Operator Algebras (MM819), Fall 2018.
- Calculus (MM555, 5ECTS), Lecturer, 2018- von Neumann algebras (MM807, 5ECTS), Lecturer, 2018
- Calculus (MM555, 5 ECTS) Lecturer, 2017.- Algebra 2 (MM539, 5ECTS), Lecturer, 2018.
- Algebra 2 (MM539, 5 ECTS), 2017, Lecturer
- Algebra 2 (MM539, 5 ECTS), 2017, Lecture• Calculus (MM555, 5 ECTS) Lecturer, 2017.
- Algebra 2 (MM539, 5 ECTS), 2017, Lecturer
- Selected topics in modern analysis (MM838, 5 ECTS), 2016
Responsible for the design of the course. Lectures given by J. Koivisto

- Calculus (MM555, 5 ECTS) Lecturer, 2016.
- Algebra 2 (MM539, 5 ECTS) Lectures given by M. Gomez, 2016
- Calculus (FF502, 20 ECTS), Lecturer and overall responsible for the course, 2016.
- Groups and Operator Algebras (MM832, 5 ECTS) Lecturer and responsible for the design of the course, 2014,
- Calculus (FF502, 20 ECTS) Lecturer, 2014
- Introduction to Operator Algebras (MM819, 5 ECTS) Lecturer (joint with Wojciech Szymanski), 2014
- Calculus (FF502, 20 ECTS) Lecturer, 2013

SUPERVISION

- Bachelor and Master's level supervision:
 - Supervision of 2 master's students: Kirsten Markvard Krupa (2015, joint with W. Szymanski) and Thomas Gotfredsen (2017).
 - Supervision of 10 bachelor projects (2012 – 2018)
 - Supervision of 8 individual study projects (2014-2018)
 - Supervision of 3 first year projects (2016-2018)
- PhD Supervision:
 - Thomas Gotfredsen (2017-2021) [main supervisor]
 - Sophie Emma Mikkelsen (2018-2021) [co-supervisor]
- Postdoc mentoring:
 - J. Koivisto (2016-2018) [main supervisor]
 - S. Barlak (2015-2017), [co-supervisor]
 - M.R. Solano (2015-2017), [co-supervisor]

Uddannelsesudvikling og universitetspædagogisk (følge)forskning, herunder pædagogiske priser

- Prizes
 - 2018: Teacher of the year at the Faculty of Natural Sciences (SDU)
- Pedagogical supervision
 - Morten Rask Petersen, internal pedagogical supervisor for the SDU lecturer training programme (Universitetspædagogikum), 2016.
 - Jens Kaad, internal pedagogical supervisor for the SDU lecturer training programme (Universitetspædagogikum), 2016 - 2017.

Methods, materials and tools

Teaching methods: mainly blackboard lectures combined with exercises in smaller groups

Materials: textbooks, slides, supplementary lecture notes. I furthermore use the student response system Socrative to keep the students active during class.