



Øresundsdagen 2

Konference om indledende matematik
31. oktober 2018 på DTU



Program:

- 09:30-10:00 **Coffee & Croissant**
- 10:00-10:10 **Welcome**
- Part 1** Moderator: Laura Fainsilber, Chalmers/University of Gothenburg
- 10:10-10:45 Knut Mørken, University of Oslo: *Some reflections on how computing and mathematics can mutually enhance learning of mathematics*
- 10:45-11:05 Henrik Bang, University of Copenhagen/CMU: *The D-Matematik project with samples from high school*
- 11:05-11:25 Jan-Fredrik Olsen, University of Lund: *Turning calculus on its head — some ideas of what to do if your students know how to program*
- 11:25-11:45 Steen Markvorsen, Technical University of Denmark: *Mathematics and Maple: A two-component adhesive for building up learning, teaching, and research*
- 11:45-12:15 **Panel discussion (Mørken, Bang, Olsen, Markvorsen)**
- 12:15-13:00 **Lunch**
- Part 2** Moderator: Tracy Craig, University of Twente
- 13:00-13:35 Morten Brøns, Technical University of Denmark: *Do engineers need mathematics?*
- 13:35-14:10 Carl Winsløw, University of Copenhagen : *Mathematics for non-mathematicians: Rooms for improvement*
- 14:10-14:30 Karsten Schmidt, Technical University of Denmark: *Authentic problems from engineering in introductory mathematics*
- 14:30-15:00 **Panel discussion & Coffee (Brøns, Winsløw, Schmidt)**
- Part 3** Moderator: Tommy Gustafsson, Chalmers/University of Gothenburg
- 15:00-15:20 Brigit Geveling, University of Twente: *Team-based Learning in a mathematics course*
- 15:20-15:40 Frode Rønning, Norwegian University of Science and Technology: *A mild form of flipped classroom in large courses for engineering students*
- 15:40-16:00 Håkan Lennerstad, Blekinge Institute of Technology: *A calculus course in knowledge feedback format*
- 16:00-16:20 Stig Larsson, Chalmers/University of Gothenburg: *A computationally oriented textbook on calculus and linear algebra*
- 16:20-16:50 **Panel discussion (Geveling, Rønning, Lennerstad, Larsson)**
- 16:50-17:00 **Conclusion**
- 18:00-????? **Let's go for dinner in Copenhagen!**