

20 Years Anniversary Conference for Mathematics 1 at DTU

Thursday 9th of December 2021, Building 303A, Aud. 42. Program for the day:

08:30 – 09:00	Coffee & Croissant
09:00 – 09:15	Lars D. Christoffersen, Senior Vice President, DTU: <i>Welcome and motivation</i>
Part 1	<i>Moderator:</i> Per Brockhoff, Head of Department, DTU Compute
09:15 – 10:00	Daniela Velichova, Professor of Mathematics at Slovak University of Technology and chair of the SEFI/Math Working group: <i>What counts as “mathematics for engineers” and how can it be captured?</i>
10:00 – 10:45	Michael Lund (TA in Math1 during all the 20 years), Martin Vigild (former Dean at DTU), and Helle Rootzén (former Head of Department, DTU Compute): <i>Mathematics 1 in a 20-year perspective</i>
10:45 – 11:00	Break
11:00 – 11:30	Panel Discussion (Velichova, Lund, Vigild, Rootzén)
11:30 – 12:00	Frode Rønning, Professor at Department of Mathematical Sciences, NTNU: <i>Adapting a study programme driven approach in mathematics to 17 different engineering programmes — possibilities and challenges</i>
12:00 – 12:45	Lunch
Part 2	<i>Moderator:</i> Luise Theil Kuhn, DTU Energi
12:45 – 12:55	Martin P. Bendsøe, former Dean at DTU: <i>Mathematics is Technology</i>
13:00 – 14:00	Ken Haste Andersen (DTU Aqua), Rasmus Bjørk (Department of Energy Conversion and Storage, DTU), and Krist Gernaey (Department of Chemical and Biochemical Engineering): <i>Mathematics in engineering in a 20-year perspective by DTU researchers</i>
14:00 – 14:30	Panel Discussion (Andersen, Bjørk, Gernaey)
14:30 – 14:45	Break
Part 3	<i>Moderator:</i> Michael Pedersen, DTU Compute
14:45 – 15:15	Søren Enemark, Aksel K. Rasmussen, Jens H. Beck and Emma K. Christensen, (former Math1 students): <i>Maple in a 20-year perspective by past and present Mathematics 1 students</i>
15:15 – 15:45	Jan-Fredrik Olsen, Senior lecturer at Mathematics (Faculty of Sciences), University of Lund: <i>Computational thinking as a resource in introductory mathematics</i>
15:45 – 16:00	Coffee break
Part 4	<i>Moderator:</i> Kim Knudsen, DTU Compute
16:00 – 17:30	Panel Discussion: <i>Study program directors respond on the debate with a view towards the future</i>
17:30 – 17:35	Steen Markvorsen and Karsten Schmidt: <i>Closing remarks</i>
18:00 – ??:00	Conference Dinner in Faculty Club