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## Computational Science and Engineering (RW/CSE)

### ETH Zürich

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#### CASE STUDIES HS17

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Thursday, 15.15 - 17.00, HG D16.2

21.09.17	Benjamin Ulmer, Mercedes Benz R&D North America, Sunnyvale, CAL An Introduction to Autonomous Driving and its Challenges
28.09.17	Student Talks
05.10.17	Student Talks
12.10.17	Student Talks
19.10.17	Student Talks
26.10.17	Mustafa Khammash, Control Theory and Systems Biology Computational Methods for Analysis and Synthesis of Stochastic Chemical Reaction Networks
02.11.17	Jörg Ostrowski, ABB Corporate Research, Baden-Dättwil Electromagnetic Simulations of Transformers During Lightning Impulse Tests
09.11.17	Christophe Charpilloz, MeteoSwiss, Zürich Bitwise Reproducible Climate Simulations: an Application to Convection-resolving Simulation Analysis at Continental Scale
16.11.17	Student Talks
23.11.17	Dominik Bach, Filip Melinscak, Computational Emotion Neuroscience, Uni Zürich Rational Design of Neurobiological Experiments by Computational Simulations
30.11.17	Jan Novák & Fabrice Rousselle, Disney Research Zürich Production Rendering: the Art of Computing Photorealistic Images
07.12.17	Student Talks
14.12.17	Student Talks
21.12.17	Student Talks &&& End of the Semester Apéro in Dozentenfoyer