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## Computational Science and Engineering (RW/CSE)

### ETH Zürich

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#### CASE STUDIES HS14

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Thursday, 15.15 - 17.00, HG D16.2

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| 18.09.14 | Tapio Schneider, Climate Dynamics<br>Simulating Clouds and their Response to Climate Change                                  |
| 25.09.14 | Oliver Rain, Robert Bosch GmbH, Stuttgart<br>Fast Boundary Element Methods in Industrial Applications                        |
| 02.10.14 | Student Talks  |
| 09.10.14 | Roger Käppeli, Seminar for Applied Mathematics (SAM)<br>Computational Astrophysics: The Explosion Mechanism of Massive Stars |
| 16.10.14 | Student Talks  |
| 23.10.14 | Student Talks  |
| 30.10.14 | Miriam Mehl, Parallel and Distributed Systems, University of Stuttgart<br>Iterative Solvers for Multiphysics Simulations     |
| 06.11.14 | Student Talks  |
| 13.11.14 | John Lygeros, Automatic Control Laboratory<br>Modeling, Analysis and Control of Cell Populations                             |
| 20.11.14 | Student Talks  |
| 27.11.14 | Student Talks  |
| 04.12.14 | Hossein Gorji, Fluid Dynamics<br>Variance Reduction for Gas Flow Simulations<br>Based on Stochastic Molecular Models         |
| 11.12.14 | Student Talks  |
| 18.12.14 | Peter Arbenz, Computer Science<br>Bone Structure Analysis with Multi-GPGPUs  |

&&& End of the Semester Apéro in HG G69