The Cluster of Excellence Simulation Technology cordially invites every interested person to the SimTech Colloquium. In this course of lectures renowned scientists and ambitious junior researchers report on their recent findings in the field of simulation technology. Thereby, the SimTech Colloquium emphasizes the interdisciplinary diversity of the presentations.

13 November 2012
"Soft Matter - Hard Work"
Prof. Dr. Christian Holm
Institute for Computational Physics

27 November 2012
"Dynamical Challenges in Light-Weight Robotics"
JP Dr. Robert Seifried
Institute of Engineering and Computational Mechanics

11 December 2012
"Electronic structure calculations at macroscopic scales"
Vikram Gavini
Department of Mechanical Engineering, University of Michigan, USA

18 December 2012
"Multiscale Analysis and Uncertainty Quantification as drivers for Exascale Computing"
Prof. Michael Ortiz
Engineering and Applied Sciences Division California Institute of Technology Pasadena, USA

15 January 2013
"Sparse Grids and Applications: Coping with the Curse of Dimensionality"
JP Dr. Dirk Pflüger
Institute for Parallel and Distributed Systems