

## 7 June 2012

*13:15 Allan Peter Engsig-Karup, DTU: "On the development of efficient GPU-accelerated ship-wave simulation software for real-time computing"*

*14:15 Siddhartha Mishra, ETH and UiO: "Efficient numerical methods for quantifying uncertainty in solutions of systems of conservation laws"*

*15:15 Giovanni Samaey, KU Leuven: "Macroscopic simulation of multiscale systems: Numerical issues in multiscale simulation and the role of approximate macroscopic models"*

## 8 June 2012

*9:15 Søren Madsen, SDU Sønderborg: "Dynamic modeling of phase crossings in two-phase flow"*

*10:15 Randall J. LeVeque, University of Washington: "Algorithms for shock wave propagation in tissue, bones and kidney stones"*

*11:15 Kent-Andre Mardal, Simula Research Laboratory: "Computational fluid dynamics in cerebral aneurysms: Is turbulence an indicator for risk of rupture?"*

The Department of Mathematics and Computer Science invites you to the SDU Days of Scientific Computing. Selected speakers will present aspects of scientific computing within a broad range of applications. The talks are addressed to a wide audience.

**June 7 and 8, BMB seminar room (V18-501-1), SDU Odense. Refreshments provided. Please register by e-mail to [achim@imada.sdu.dk](mailto:achim@imada.sdu.dk)**