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