

International Research Training Group 1529

Mini-Workshop on Fluid Structure Interaction

June 16, 2010 in S2 15/room 401

- 09:30 - 10:10 Paolo Galdi, University of Pittsburgh
“Steady-state Navier-Stokes equations past rotating symmetric bodies “
- 10:15 - 10:55 Karoline Götze, TU Darmstadt
“Strong solutions for fluid-solid interaction problems“
- 11:00 - 11:30 Coffee break
- 11:30 - 12:10 Michael Schäfer, TU Darmstadt
“Numerical Simulation and Optimization of Fluid-Structure Interaction“
- 12:10 - 14.30 Lunch
- 14:30 - 15:10 Anne Robertson, University of Pittsburgh
“Constitutive models for damage, growth and remodeling during the formation of cerebral aneurysms“
- 15:15 - 15:55 Zhengguang Guo, East China Normal University
“Existence and asymptotic behavior of stationary solutions to the Navier-Stokes equations in the presence of a wall “
- 16:45- 17:15 Tea Break
- 17.15 - 18:15 **Kolloquium at the Department of Mathematics:**
Gieri Simonett, Vanderbilt University
“Über die Raleigh-Taylor Instabilität für die zwei Phasen Navier-Stokes Gleichungen“
The Kolloquium will take place in S2 14/room 24.