

Workshop on the Navier-Stokes Equations in honour of Prof. Reinhard Farwig's 60th birthday

April 22 - 23, 2015

TU Darmstadt, Fraunhofer Institut (IGD), S3|20 / 18

Program

Time	April 22, 2015
14.00	Welcome
14.05 - 14.35	Gregory Seregin (Oxford) Ancient solutions to Navier-Stokes equations
14.35 - 14.45	Coffee break
14.45 - 15.15	Agnieszka Świerczewska (Warsaw) On parabolic-hyperbolic systems describing multi-scale polymeric flows
15.15 - 16.00	Senjo Shimizu (Shizuoka) On two-phase flows with phase-transitions
16.00 - 16.45	Coffee break
17.00 (S2 14 24)	Helmut Abels (Regensburg) The Navier-Stokes Equations -- Some Old and New Challenges

Time	April 23, 2015
9.00 - 9.30	Konstantin Pileckas (Vilnius) Time-periodic Stokes problem in a 3D-layer. Asymptotics of the solution.
9.40 - 10.10	Patrick Penel (Toulon) Regularity criteria in dependence on the vorticity for the Navier-Stokes Equations
10.10 - 10.50	Coffee break
10.50 - 11.20	Milan Pokorný (Prague) The steady compressible Navier-Stokes-Fourier system
11.30 - 12.00	Hideo Kozono (Tokyo) Stability of large solutions to the stationary Navier-Stokes equations in 3D multi-connected domains
	Closing