

Kácov Short Communications, 2015

Short Communications, Saturday, May 23

From	To	Name		Title
11:50	12:00 + 2 min.	Hana	Mizerová	Numerical analysis of the diffusive Peterlin viscoelastic model
12:02	12:12 + 2 min.	Tobias	Seitz	Flow reconstruction from MRV measurements
12:14	12:24 + 2 min.	Paul	Strasser	Mathematical modelling and simulations of polymer-solvent mixtures
12:26	12:36 + 2 min.	Giordano	Tierra	Numerical approximations for unsteady flows of incompressible fluids characterized by non-monotone implicit constitutive relations
12:38	12:48 + 2 min.	Petr	Vágner	Fuel cell optimization

Short Communications, Monday, May 25

From	To	Name		Title
11:50	12:00 + 2 min.	Šimon	Axmann	Steady solutions to the compressible NSAC system
12:02	12:12 + 2 min.	Yong	Lu	Homogenization of stationary Navier-Stokes equations in domains with tiny hole
12:14	12:24 + 2 min.	Martin	Kalousek	Homogenization of a fluid flow through a porous medium
12:26	12:36 + 2 min.	David	Wegmann	Decay of Non-stationary Navier-Stokes Flow with Nonzero Dirichlet Boundary Data.
12:38	12:48 + 2 min.	Ondřej	Kreml	(Non)uniqueness issues in multidimensional compressible inviscid flows

Short Communications, Tuesday, May 26

From	To	Name		Title
11:50	12:00 + 2 min.	Miroslav	Bulíček	Analysis of the Kolmogorov model for turbulence
12:02	12:12 + 2 min.	Jan	Burczak	Smoothness of critical, fractional Keller-Segel equations in 1d
12:14	12:24 + 2 min.	Martin	Lanzendörfer	On boundary conditions for an incompressible fluid flowing across an artificial boundary.
12:26	12:36 + 2 min.	Josef	Žabenský	Completion of the existence theory for unsteady flows with a pressure- and shear-dependent viscosity
12:38	12:48 + 2 min.	Sebastian	Schwarzacher	Existence, Uniqueness and Regularity for very weak solutions to non-linear systems