

Friday 9.12.

13:00	13:25	Ronald Hoppe Adaptive space-time finite element approximations of parabolic optimal control problems
13:30	13:55	Eduard Feireisl, Šárka Nečasová Boundary behavior of viscous fluids: Influence of wall roughness and friction-driven boundary conditions.
14:00	14:25	Eddie Wadbro Optimal ball pitching and loudspeaker design
14:25	14:45	Coffee
14:45	15:10	Jan Stebel Shape sensitivity analysis for fluids with shear dependent viscosity
15:15	15:40	Aurora Marica High frequency wave propagation in non-uniform regular discrete media
15:45	16:10	Christian Clason A measure space approach to optimal source placement
16:10	16:30	Coffee
16:30	16:55	Josef Málek A constrained optimization as a tool to determine thermodynamically consistent constitutive equations in bulk and on the boundary
17:00	17:25	Amos S. Lawless Instability and regularization in data assimilation
17:30	17:55	Eduard Rohan Sensitivity analysis of perforation design for acoustic transmission on homogenized plates.

Saturday 10.12.

9:00	9:25	Asen L. Dontchev An inexact Newton method for variational inequalities
9:30	9:55	Jiří Outrata On optimal control of monotone variational inequalities.
10:00	10:30	Coffee
10:30	10:55	Miroslav Bulíček On analysis of implicitly constituted incompressible fluids.
11:00	11:25	Nadia Bigoni A mimetic discretization of elliptic control problems
11:30	11:55	Petr Knobloch Optimization of parameters in stabilized methods.
12:00	13:30	Lunch
13:30	13:55	Martin J. Gander Are absorbing boundary conditions and perfectly matched layers really so different?
14:00	14:25	Václav Kučera Error estimates for nonlinear, purely convective problems in finite element methods
14:30	14:55	Petr Beremlijski Shape optimization in 3D contact problems based on domain decomposition.