Monday, May 30

08:00-08:55 08:55-09:00	BREAKFAST Opening			
Chairman: J. Málek				
09:00-10:10	Jan Mandel	Probability on spaces of functions, with applications to inverse problems and data assimilation $-I$		
10:10-10:40	COFFEE, TEA			
10:40-11:50	Richard Katz	Two-phase fluid dynamics of partially molten rock: fundamentals and application to the Earth $-I$		
11:50-12:10	Piotr Minakowski	The Taylor–Galerkin method and its application to visco-elastic and related models		
12:15-15:45	LUNCH & BREAK			
15:45-16:00	COFFEE, TEA			
Chairman: P. Bastian				
16:00-17:10	Richard Katz	<i>Two-phase fluid dynamics of partially molten rock: fundamentals and application to the Earth – II</i>		
17:15-18:25	Jan Mandel	Probability on spaces of functions, with applications to inverse problems and data assimilation – II		
18:25-18:40	Ondřej Šrámek	Geoneutrinos, noble gases, and geophysical two-phase flow		
19:00-21:00	DINNER & WELCOME PARTY			

Tuesday, May 31

08:00-09:00	BREAKFAST			
Chairman: J. Liesen				
09:00-10:10	Richard Katz	<i>Two-phase fluid dynamics of partially molten rock: fundamentals and application to the Earth – III</i>		
10:10-10:40	COFFEE, TEA			
10:40-11:50	Jan Mandel	Probability on spaces of functions, with applications to inverse problems and data assimilation – III		
11:50-12:10	Tomáš Vejchodský	Numerical lower bounds on eigenvalues of elliptic operators		
12:15-13:00	LUNCH			
13:15-18:00	TRIP TO VLAŠIM			
18:30-19:30	DINNER			

Wednesday, June 1

08:00-09:00	BREAKFAST			
Chairman: M. Rozložník				
09:00-10:10	Peter Bastian	Simulation of multiphase flows in porous media – I		
10:10-10:40	COFFEE, TEA			
10:40-11:50	Jörg Liesen	Krylov subspaces. Classical mathematics, iterative methods, and surprising links – I		
11:50-12:10	Vít Vondrák	<i>ESPRESO</i> – <i>implementation of highly scalable multilevel FETI</i> <i>method for many-core architectures</i>		
12:15-15:45	LUNCH & BREAK			
15:45-16:00	COFFEE, TEA			
Chairman: <i>R</i> .	Blaheta			
16:00-16:15	Björn Baran	Adjoint-based optimal boundary control of a Stefan problem system fully coupled with Navier–Stokes equations		
16:15-16:30	Martin Řehoř	Efficient numerical solution of multicomponent flows		
16:30-16:45	Martin Hasal	Numerical solution of the Stokes–Brinkman model by usage of the finite element method		
16:45-17:00	Tomáš Luber	Effective preconditioning for poroelasticity		
17:00-17:15	BREAK			
17:15-17:30	Václav Ryška	Numerical stabilizations of FEM solution for convection-dominated fluid problems and their impact on FETI convergence rate		
17:30-17:45	Lukáš Rapant	Traffic speed prediction using Bayesian networks and hidden Markov models		
17:45-18:00	Robert Skopal	Time series similarity measure		
18:00-18:15	Peeter Parna	Shallow water equations in real-time computer graphics		
18:30-19:30	DINNER			

19:30-22:00 TBA

Thursday, June 2

08:00-09:00	BREAKFAST			
Chairman: T. Kozubek				
09:00-10:10	Jörg Liesen	Krylov subspaces. Classical mathematics, iterative methods, and surprising links – II		
10:10-10:40	COFFEE, TEA			
10:40-11:50	Peter Bastian	Simulation of multiphase flows in porous media – II		
11:50-12:10	Jakub Šístek	Adaptive mesh refinement and a parallel non-overlapping domain decomposition solver		
12:15-15:45	LUNCH & BREAK			
15:45-16:00	COFFEE, TEA			
16:00-18:30	TBA			
10.00.00.00				

18:30-22:00 CONFERENCE DINNER

Friday, June 3

08:00-09:00	BREAKFAST			
Chairman: Z. Strakoš				
09:00-10:10	Peter Bastian	Simulation of multiphase flows in porous media – III		
10:10-10:40	COFFEE, TEA			
10:40-11:50	Jörg Liesen	Krylov subspaces. Classical mathematics, iterative methods, and surprising links – III		
11:50-12:10	Final remarks			
12:15-13:00	LUNCH			
13:30	BUS DEPARTURE			