The Fifth Russian-Chinese Workshop
on Numerical Mathematics and Scientific Computing

The Talk Schedule

	June 29. Novosibirsk State University (Conference Room 4109)
09:00	**Vladimir Shaidurov.** Numerical solving the economical problem of mean-field game
09:30	**Yuri Vassilevski.** An unconditionally stable semi-implicit FSI finite element method
10:00	**Tatyana Nosova.** Computational aspects of filtration gas combustion (new results)
10:30	**Liu Tiegang.** Direct Discontinuous Galerkin Method for Compressible Navier-Stokes Equations
11:00	Coffee break
11:30	**Shuhua Zhang.** Dynamic optimal strategies in transboundary pollution game with abatement policy and emission permits trading
12:00	**Xinwei Liu.** A new primal-dual interior-point method for nonlinear programs
12:30	**Maria Vasilyeva.** Multiscale model reduction for applied problems with strong discontnuities using GMsFEM
13:00	**Igor Marchuk.** Calculation of the Surface Tension Coefficients using Thermocapillary Deformations Data
13:30	Lunch
14:30	**Wenjun Ying.** An efficient adaptive rescaling scheme for computing moving interface problems
15:00	**Aixiang Huang.** A Dimension Splitting Method for the 3D-PDEs
15:30	**Vadim Lisitsa.** Numerical two-scale method for estimation of elastic properties from digital rock images
16:00	**Galina Reshetova.** Finite difference simulation of waves' propagation in multiscale media
16:30	Coffee break
17:00	**Valery Il'in.** On the Parallel Domain Decomposition Methods for 3-D Discontinuous Galerkin Approaches on the Non-Structured Grids
17:30	**Kirill Voronin.** Space-time methods for hyperbolic equations: practical aspects
18:00	**Victor Kostin.** MPI-based direct solver with data compression for 3D Helmholtz equation
18:30	**Igor Kulikov.** The Chemodynamical Modeling of MHD Turbulence of the Interstellar Medium on Intel Xeon Phi supercomputers
19:00	Discussion
	June 30. Novosibirsk State University (Conference Room 4109)
09:00	**Sergey Kabanikhin.** Direct linear data processing of surface observations
09:30	**Vladimir Penenko.** Variational modeling technology and observational data assimilation for environmental prediction and risk assessment
10:00	**Karl Sabelfeld.** Stochastic models and Monte Carlo simulation algorithms for diffusion imaging
10:30	**Mikhail Marchenko.** Numerical stochastic simulation of kinetic processes of diffusion, coagulation and charged particles transfer on supercomputers
11:00	Coffee break
11:30	**Hui Zhang.** Invariant Energy Quadrtization Approach for Incompressible Smectic-A Liquid Crystal Flow
12:00	**Vladimir Tcheverda.** Model order reduction in nonlinear elastic full waveform inversion by propagator-reflector decomposition of the model space
12:30	**Maxim Shishlenin.** Continuation of the solutions of PDE with the data given on the part of the boundary
13:00	Discussion
13:30	Lunch