

FRENCH-RUSSIAN COLLOQUIUM C9 : "MECHANICS AND ENVIRONMENTAL PROBLEMS"**Wednesday august 26, 2009**

9:30 - 10:10	Efim Pelinovsky, Christian Kharif, Alexey Slunyaev	The rogue waves in the ocean - review
10:10 - 10:30	Ira Didenkulova, Efim Pelinovsky	Strong amplification of the water waves on "non-reflected" beaches.
10:50 - 11:10	Julien Touboul, Julien Chambarel, Christian Kharif	Short term dynamics of a free falling jet due to solitonic collision.
11:10 - 11:30	Christian Kharif, Roberto Kraenkel, Miguel Manna & Roland Thomas	Modulational instability in the presence of forcing and dissipation.
11:30 - 11:50	Alexander I. Sukhinov, Elena V. Alexeenko, Boris V. Sidorenko, Alexander Chistyakov	Comparative analysis of classical models (Mars3D, Azov3D) and Lattice Boltzmann models for shallow water hydrodynamics computations.
11:50 - 12:10	Alexander I. Sukhinov, Elena V. Alexeenko, Alexander Chistyakov, Bernard Roux, Dominique Fougere, Paul G. Chen, Samuel Meulé	Turbulent mixing and stable current structures for Etang de Berre.
13:40 - 14:00	Tatyana P. Lyubimova, Natalya Shumilova, Shengping Luo, Bernard Roux	Modelling of the near-field distribution of pollutants from a coastal outfall subject to tidal currents.
14:00 - 14:20	Tatyana P. Lyubimova, Anatoly P.Lepikhin, Natalya S.Shumilova.	Three dimensional modeling of large water reservoirs with complex geometry and essential density inhomogeneity in depth
14:20 - 14:40	Anatoly P. Lepikhin, Tatyana P. Lyubimova, Yanina N. Parshakova, Alexander A.Tiunov	Numerical modelling of a dilution and transport of highly salty effluent in water bodies.
14:40 - 15:00		
15:00 - 15:20		
15:40 - 16:00	Dominique Morvan, Konstantin Gavrilov, Dmitriy Lyubimov	Physical phenomena governing the behaviour of wildfires : numerical simulation of crown fires in boreal forest
16:00 - 16:20	Jean-Luc Dupuy, Vladimir Konovalov, François Pimont, Dominique Morvan, Rodman R. Linn	Assessment of the plume theory predictions of crown scorch using transport models
16:20 - 16:40	Varvara A.Bogoyavlenskaya, Valery P.Matveenko, N.A.Trufanov, I.N.Shardakov	Simulation of quasi-static and dynamic deformation processes in the zones of volcanic activity
16:40 - 17:00		
17:00 - 17:20		