

PROGRAM of International Conference
«TURBULENCE & WAVE PROCESSES»

dedicated to the centenary of Mikhail D. Millionshchikov.

Lomonosov Moscow State University,

November 26-28, 2013

Tuesday November 26, 2013		
9.00-9.30	Conference Registration.	
9.30-10.00	The Opening Ceremony of the Conference. Welcome addresses from the Moscow University and Russian Academy of Sciences.	
10.00-10.45	Grigory Barenblatt , (Shirshov Institute of Oceanology, U. of California at Berkeley), "Turbulent Flows at Very Large Reynolds Numbers: the Lessons of Investigation" (joint work with A.J. Chorin, V.M. Prostokishin).	
10.50-11.30	Coffee Break	
11.30-12.15	Keith Moffat , (U. of Cambridge), «The Role of Helicity in Turbulent Flow».	
12.20-13.05	Eduard Son , (Joint Institute of High Temperatures of RAS and MIPT), "Scientific Legacy of Mikhail D. Millionshchikov and Modern Development of his Works on Turbulence"	
13.10-15.00	Lunch	
15.00-15.30	Igor Lipatov (TsAGI), "Mikhail D. Millionshchikov's works and their development in TsAGI".	
15.30-16.00	Francesco Calogero , (U. Rome la Sapienza, Italy), «Pugwash».	
16.00-16.30	Coffee Break	
16.30-16.45	Documetary on the life of Mikhail D. Millionshchikov (RAS archive).	
16.45-17.30	Memories.	
17.30-17.45	Selected Poems of Lyudmila M. Millionshchikova (performed by Ekaterina Vasilenko).	
17.45-18.30	Chamber Music Concert. The Quartet of soloists of BSO Chaikovsky Symphony Orchestra.	
18.30-21.00	Conference Reception.	

Wednesday November 27, 2013

9.00-9.45	Robert Nigmatulin (Shirshov Institute of Oceanology and MSU), "Multiscale Phenomena, Asymptotics and Thermonuclear Fusion in Cavitated Bubbles"		
9.50-10.45	Georgy Golitsyn (Obukhov Institute of Atmosphere Physics of RAS), "Size Distribution of Lithospheric Plates"		
10.40-11.10	Coffee Break		
11.10-11.40	Claude Cambon	Friedrich Kupka	Francesco Calogero
11.40-11.55	Gregory Falkovich	Alexei Vezolainen	Franco Magri
11.55-12.10		Galina Dynnikova	
12.15-12.45	Krzysztof Gawędzki	Nikolay Smirnov	Lorenzo Brandolese
12.45-13.00	Kirill Zybin, Valeria Sirota	Tatiana Elizarova, Ivan Shirokov	Mikhail Monastyrsky
13.00-13.15		Svetlana Fortova	Malik Negmatov
13.15-15.00	Lunch		
15.00-15.30	Victor L'vov	Boris Koprov	Sergey Gurbatov
15.30-16.00	Semion Sukoriansky	Yulia Troitskaya	Albert Kurbatsky
16.00-16.30	Coffee Break		
16.30-16.45	Nikolay Nikitin	Vyacheslav Budaev	Galina Levina
16.45-17.00			Vladislav Yushkov
17.00-17.15	Artur Dmitrenko	Efim Kudashev	Alexander Chupakhin
17.15-17.30	Igor Vigdorovich	Victor Efimov	Sergey Soldatenko
17.30-17.45		Alexander Levchenko	Lev Ingel
17.45-18.00	Otto Chkhetiani	Alexander Potapov	Artem Shikhovtsev

Thursday November 28, 2013

9.00-9.45	Evgeny Kuznetsov (Lebedev Physical Institute of RAS, Landau Institute for TheorPhysics), «Breaking phenomena in incompressible fluids as a route to the Kolmogorov and Kraichnan spectra».		
9.50-10.45	Renzo Ricca (U. of Milano-Bicocca), "Knot Polynomials as New Tool for Turbulence Research"		
10.40-11.10	Coffee Break		
11.10-11.25	Igor Kolokolov	Alexander Petrov, Igor Potapov	Richard Kerner
11.25-11.40		Anatoly Ryabinin, Alex. Kuzmin	
11.40-11.55	Christos Mamaloukas, Himadri P. Mazumdar	Dmitry Maklakov, Alex. Petrov	Igor Bakholdin
11.55-12.10		Maxim Pakhomov	Anatoly Aldushin
12.15-12.30	Arakel Petrosyan	Alexander Vulfson	Mikhail Ermakov
12.30-12.45	Valery Klyatskin	Olga Khatuntseva	Ilias Sibgatullin
12.45-13.00	Alexander Golubyatnikov	V.Pavlovsky, S.Malamanov	Paulius Miškinis
13.00-13.15	S. Gurbatov, Oleg Rudenko	Aleksey Doludenko	Ihor Kuz, Ihor Turchin
13.15-15.00	Lunch		
15.00-15.30	Sergey Nazarenko	Valery Kovalev	Vladimir Dorodnitsyn
15.30-15.45	Takeshi Miyazaki	Vladimir Chubarikov	Victor Vedenyapin
15.45-16.00	Mikhail Sokolovsky		Nikolay Fimin
16.00-16.30	Coffee Break		
16.30-16.45	Yuli Chashechkin	Alexander Mazo	Dmitry Georgievsky
16.45-17.00			Andrey Shafarevich
17.00-17.15	Pavel Kuchugov	Andrey Takmazian	Saule Troitskaya
17.15-17.30	Alexandra Glushniova	Pavel Matyushin	Vladimir Knyazev
17.35-17.50	CLOSING CEREMONY		