

INTERNATIONAL CONFERENCE

FLUXES AND STRUCTURES IN FLUIDS



St.-Petersburg
June 25-28, 2013

Conference Venue –
Russian State Hydrometeorological University



98, Malookhtinsky pr., St.-Petersburg, 195196

CALL FOR PAPERS FIRST ANNOUNCEMENT

The conference program includes invited lectures, oral and poster presentations

CALL FOR PAPERS

Conference language is English.

Authors submit in electronic form the following:

- Completed **Registration form**;

- **Abstract** (no more than 3 pages prepared in MS WORD, framed by 16×24 and spaced by 12 pt.

TITLE OF THE PAPER, *authors' names*, *postal and electronic addresses* are displayed in bold and italic according to the template presented at the conference site;

Abstract book will be handed at the registration desk.

The Programme will contain general lectures (30 min, including questions), contributed papers (15 min) and presentations (3 min oral + showing the poster 1 x 2 m).

The lecture rooms are equipped with blackboards, NTSC VCR and PC video projection units.

KEY DATES

Submission of the registration form and abstracts **March 01, 2013**;

Notification to authors **April 01, 2013**.

REGISTRATION FEE

Regular participant fee is **250 USD**.

Student conference fee is **50 USD**.

Fee can be paid in cash at the conference desk or by money transfer order. Requisites are available on request.

HOUSING INFORMATION

ACCOMMODATION of participants is available in more than 500 hotels, hostels and guest houses in Saint-Petersburg (site booking.com and others) and at the University hostel (number of beds is limited).

CONFERENCE TOPICS

- **Dynamic processes in the Ocean and the Atmosphere: from global to microscales;**
- **Waves, vortices, coherent structures, turbulence: transport and accumulation of substances on interfaces;**
- **Impact of physical, chemical and biological effects on formation of spatial structures in fluids;**
- **Analytical, numerical and laboratory modelling of environmental systems and processes;**
- **Conventional and novel instruments;**
- **Environmental and technological applications;**
- **Special young scientists session.**

Papers on other related topics are equally welcome. More than one abstract may be submitted.



Space view on Crimea Peninsula

Registration

Registration will take place in the main building of Russian State Hydrometeorological University starting from **June 24, 2013**

17-th Session of the Working Group "Laboratory Modelling of Dynamic Processes in the Ocean" of the Scientific Council on the World Ocean Problems of the Russian Academy of Sciences



CONFERENCE SPONSORS

The Russian Academy of Sciences
The Ministry of Education and Science of the Russian Federation
Russian Foundation for Basic Research

The Conference is organized by

The Institution of the Russian Academy of Sciences

A.Yu. Ishlinsky Institute for Problems in Mechanics (Moscow)
and

Russian State Hydrometeorological University (Saint-Petersburg)

This Conference follows the highly successful Meetings held in Svetlogorsk (1987), Kanev, Ukraine (1988), Novosibirsk (1989), Jurmala, Latvia (1990), Vladivostok (1991), St. Petersburg (1992), Moscow (1993), St. Petersburg (1995), Svetlogorsk (1996), Moscow (1997), St. Petersburg (1999), Moscow (2001), St. Petersburg (2003), Moscow, (2005); St. Petersburg (2007); Moscow (2009), Vladivostok (2011).

GENERAL INFORMATION

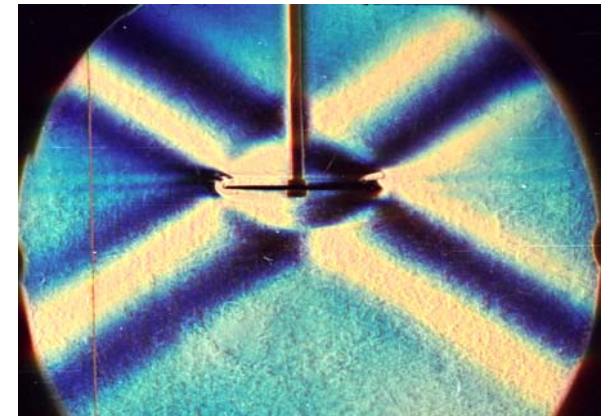
The Russian State Hydrometeorological University (RSHU) was founded on July 23, 1930 as Moscow Hydrometeorological Institute (later known as Leningrad Hydrometeorological Institute) for educating meteorological, hydrological and oceanological engineers and scientists. In 1994 the Institute was recognised as a UN specialized organization and has obtained the status of Regional Meteorological Training Centre of the World Meteorological Organization (WMO) in accordance with the Agreement between the Government of the Russian Federation and the WMO. The Institute has received the University status in 1998. At present the University is unified five Faculties: Meteorology, Hydrology, Oceanology, Ecology and Environmental Physics as well as post-graduate and post-doctoral courses.

There are more than 3,000 students, Ph.D. students and post-docs. Every tenth student at the University is a foreigner. More than 30 countries of Europe, Asia, Africa, and Latin America are represented today at the RSHU. The University offers courses at all levels of higher professional education leading to degrees of Bachelor, Specialist, Engineer, Master, Candidate (equivalent to PhD) and Doctor of Sciences in a broad spectrum of research areas related to the environment. In total, about 16 thousands specialists were trained for Russia and foreign countries. Noted scientists and well-known directors of the institutes, academicians, ministers, financiers, managers of large-scale companies, research employees and leaders of national hydrometeorological services in many countries. Fundamental and applied investigations are actively carried out in the University.

A distinctive feature of the University is the priority of high-level research studies. World-level scientific schools have been formed. The successful major international projects are being carried out under the sponsorships of UNESCO and WMO. The University has stable research connections with hydrometeorological services, universities and research organizations in Finland, France, Spain, Portugal, The Netherlands, Great Britain, USA, Germany, Sweden, Venezuela and China. The University carries out the projects included into the Federal Integrated Target Programs. The RSHU conducts research work requested by the Government of St. Petersburg, Russian Academy of Sciences, Russian Foundation for Basic Research.

INTERNATIONAL PROGRAM COMMITTEE

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Schlieren image of periodic internal wave cone and diffusion induced flows on the disk in continuously stratified fluid

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