

In view of 300th anniversary of Sanct Petersburg

INTERNATIONAL CONFERENCE

FLUXES AND STRUCTURES IN FLUIDS



St.-Petersburg
June 23-26, 2003

Conference Venue –
Russian State Hydrometeorological University



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

CALL FOR PAPERS

REGISTRATION & ACCOMMODATION INFORMATION

SECOND ANNOUNCEMENT

The daily programme will consist of plenary lectures and contributed and poster talks.

CALL FOR PAPERS

The languages of the Conference are English and Russian.

Participants wishing to contribute a paper should submit the following.

Completed **Registration Form**.

Abstract (or extended) of up to three filled pages (format 16×24 cm, in MS Word preferably, font 12pt) prepared for direct copying. **TITLE, Author's Name (s) and Address (including E-mail)** must be in a bold and italic font. Only electronic version of the presentation is accepted.

The book of abstracts will be distributed at the conference registration desk. Authors will be informed till April 15, 2003 on the acceptance of their papers.

The Programme will contain general lectures (30 min, including questions), contributed papers (15 min) and poster presentations (3 min oral + poster). The lecture rooms are equipped with blackboards, overhead, NTSC VCR and PC video projection units.

KEY DATES

Submission of the registration form and abstracts

March 15, 2003

Notification to authors

April 15, 2003

REGISTRATION FEE

Regular participant fee is \$ 150 that includes all registration materials, participation, coffee/tea breaks and *ice-break* reception.

Accompanying person fee is \$ 75

Student conference fee is \$ 50.

HOUSING INFORMATION

ACCOMMODATION of participants is planned at the municipal hotels (“Moscow” and “Oktyabrskaya”) according to personal requests given in advance Per night prices (on October 1, 2002):

Single room is \$ 90;

Two beds room is \$ 110.

CONFERENCE TOPICS

- **Coherent structures and turbulence;**
- **Uni- and multicomponent convection, including phase transition effects;**
- **Waves (including marine waves), conjugate boundary currents, fluxes through interfaces;**
- **Structures in the environments (the atmosphere, the ocean and the Earth's mantle, and in the extraterrestrial atmospheres) and their laboratory analogues;**
- **Effects of structures on sound and light wave propagation;**
- **Mutual affect physical, chemical and biological processes;**
- **Structures in biological liquids and medicine diagnostics;**
- **Technical and technological applications.**

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



TRAVEL INFORMATION

The Russian State Hydrometeorological University:
98 Malookhtinsky Ave., 195196 St. Petersburg, Russia
Metro station “Novocherkasskaya”,
then Bus route 5, or Trolleybus route 18.

12th 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 of the Russian Federation
The Ministry of Industry, Science and Technology of the Russian Federation
Russian Foundation for Basic Research
European Research Community on Flow Turbulence and Combustion (ERCOFTAC)

The Conference is organised by

The Institute for Problems in Mechanics of the Russian Academy of Sciences
Russian State Hydrometeorological University
M.V. Lomonosov Moscow State University

This Conference follows the highly successful Meetings held in Svetlogorsk, 1987, Kanev (Ukraine), 1988, Novosibirsk, 1989, Jurmala (Latvia), 1990, Vladivostok, 1991, Saint-Petersburg, 1992, Moscow, 1993, Saint-Petersburg, 1995, Svetlogorsk, 1996, Moscow, 1997, Saint-Petersburg, 1999, Moscow, 2001.

GENERAL INFORMATION

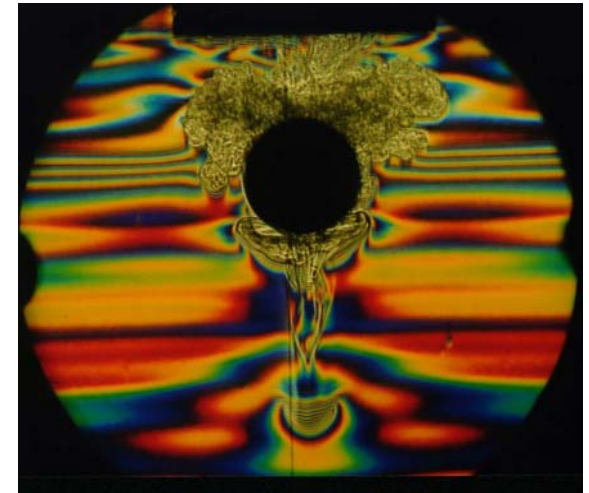
The Russian State Hydrometeorological University (RSHU) was founded on July 23, 1930 as Moscow Hydrometeorological Institute (later known as Leningrad Hydrometeorological Institute) for educating meteorological, hydrological and oceanological engineers and scientists. In 1994 the Institute was recognised 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, Holland, Great Britain, USA, Germany, Sweden, Columbia, 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.

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