

INTERNATIONAL CONFERENCE

**FLUXES AND
STRUCTURES IN FLUIDS:
PHYSICS OF GEOSPHERES**



Vladivostok

September 27 - 30, 2011

FIRST ANNOUNCEMENT

Conference venue:

The Institution of the Russian Academy of Sciences

**V.I.II'ichev Pacific Oceanological
Institute FEB RAS**



POI FEB RAS

43, Baltiyskaya street, Vladivostok, 690041

CALL FOR PAPERS

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 16x24 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 Program 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, overhead, NTSC VCR and PC video projection units.

Every registered author can present only one talk.

KEY DATES

Submission of the registration form and abstracts June 01, 2011;
Notification to authors June 15, 2011.

REGISTRATION FEE

Regular participant fee is 300 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 at the town hotels and at the Guest houses at the Marine experimental station "Cape Schultz"
(number of beds is limited).

Registraton

Registration will take place in the main building of V.I.II'ichev Pacific Oceanological Institute FEB RAS from September 21 to 30, 2011.

SCIENTIFIC PROGRAM

- Mechanics and acoustics of geo-, hydro- and atmosphere;
- Dynamic processes in the Ocean of global, Pacific and local scales;
- Waves, vortices, coherent structures, turbulence: transport through the 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.

Preconference Working seminar on

**"Marine measurements
in Geophysics and Hydrophysics"**



**will be held at POI FEB RAS Marine
Experimental Station "Cape Schultz"
on September 22-26, 2011.**

Program of the seminar will include visits to the instrumental rooms and be compiled later.

16-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 Institutions
of the Russian Academy of Sciences:
V.I. Il'ichev Pacific Oceanological Institute
FEB RAS

A.Yu. Ishlinskii Institute for Problems in Mechanics
of the Russian Academy of Sciences
and

Russian State Hydrometeorological
University (Saint-Petersburg)

This Conference follows the highly successful Meetings held in Svetlogorsk (1987), Kanev, Ukraine (1988), Novosibirsk (1989), Jurmala, Lat-via (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).

GENERAL INFORMATION

Founded in 1973, V.I. Il'ichev Pacific Oceanological Institute FEB RAS is the largest scientific institution in the Western part of the Asia-Pacific region, with laboratories equipped with the scientific and computing facilities, and research vessels. The Institute includes 9 scientific de-partments, combining 35 laboratories, the total number of employees is more than 570, among them there are 270 scientists including 38 doctors and 123 candidates. Up to 60 students from various universities perform undergraduate and graduate practice at the Institute every year. The Institute regularly performs marine field studies on large and small-sized vessels in the North Pacific and its marginal seas, as well as at Marine experimental stations in the Japan Sea coastal area on Popov Island and Cape Schultz. In the Pacific Oceanological Institute Feb RAS unique scientific instruments and information-analytical systems have been created including unified seismic-, acoustic- and hydrophysical system at the Cape Schultz; innovative acoustic systems to investigate the propagation and scattering of sound in the ocean; laboratory equipment for acoustical research and lidar station for high-altitude atmospheric sounding.



Scientists of POI FEB RAS actively participate in international investigations of the current state of the Oceans and evaluation of its resources. The main directions of work: the study of local (in the Far East Seas) and global manifestations of climate variability; the structure of currents in the Kuril-Kamchatka region; physical processes and biological productivity of Sea of Japan; problems of acoustic tomography; the spread of contamination; gas hydrate manifestation on the shelf; the development of operational diagnostic, prognostic systems and information resources on oceanography in the Pacific Ocean.

INTERNATIONAL PROGRAM COMMITTEE

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