

LAVRENTYEV INSTITUTE OF  
HYDRODYNAMICS SD RAS  
KUTATELADZE INSTITUTE OF  
THERMOPHYSICS SD RAS  
INSTITUTE OF COMPUTATIONAL MODELING SD RAS  
BIISK TECHNOLOGICAL INSTITUTE OF ALTAI STATE  
TECHNOLOGICAL UNIVERSITY  
ALTAI STATE UNIVERSITY



#### IV ALL-RUSSIAN CONFERENCE WITH FOREIGN PARTICIPANTS

#### “FREE BOUNDARY PROBLEMS: THEORY, EXPERIMENT AND APPLICATIONS”

July 5-10, 2011

Biisk, Russia

#### FIRST ANNOUNCEMENT

#### ORGANIZING COMMITTEE

##### Chairman

Professor V.V. Pukhnachov, Novosibirsk

##### Vice-chairmen

Professor T.A. Bodnar, Biisk

Dr A.G. Kazantsev, Biisk

##### Secretary

Dr E.Yu. Meshcheryakova, Novosibirsk

##### Members:

Professor S.V. Alekseenko, Novosibirsk

Professor V.K. Andreev, Krasnoyarsk

Professor K.E. Afanasiev, Kemerovo

Professor E.V. Ermanyuk, Novosibirsk

Professor A.G. Knyazeva, Tomsk

Professor V.V. Kuznetsov, Novosibirsk

Professor G.V. Leonov, Biisk

Professor N.I. Makarenko, Novosibirsk

Professor V.E. Nakoryakov, Novosibirsk

Professor V.V. Nikulin, Novosibirsk

Dr A.G. Petrova, Barnaul

Professor P.I. Plotnikov, Novosibirsk

Professor A.M. Sagalakov, Barnaul

Professor A.M. Frank, Krasnoyarsk  
Dr O.A. Frolovskaya, Novosibirsk  
Dr T.I. Khabakhpasheva, Novosibirsk  
Professor O.Yu. Tsveldub, Novosibirsk  
Professor V.V. Shelukhin, Novosibirsk  
Professor N.I. Yavorskii, Novosibirsk

#### SCIENTIFIC TOPICS:

- Surface and internal waves. Stratified flows.
- Interaction between waves and deformable constructions.
- Wave motion of thin films. Thermocapillary convection.
- Phase transitions in moving media.
- Processes of interphase interaction in heterogeneous systems.
- Magnetohydrodynamics and electrohydrodynamics flows with a free surface.
- Technological applications.

#### ABSTRACT SUBMISSION, ONLINE REGISTRATION:

Authors should submit an abstract in English **before March 11, 2011**. The abstracts of all selected papers will be published in English and Russian in the Conference Book of Abstracts. The publication of the full papers is not planned.

Abstracts should be prepared in LaTeX according to the example, which should be downloaded from the Conference WebSite (see section “Abstract submission”). Please e-mail the compiled variant of your abstract in PostScript or PDF format along with the source LaTeX file to the Secretary of the Organizing Committee before the established deadline.

Abstracts should not exceed one page in length (excluding the information about authors). The first line should contain the title, the second line should contain authors' name(s). Any redefinition of standard commands is strictly forbidden. Also, please do not use any macrocodes and non-standard style files. In case you experience serious difficulty with preparing an abstract in LaTeX format, you can submit it in text format (\*.txt), but in this case no formulae should be used.

Together with abstract submission it is necessary to **register online** in section “Registration/Login” at the Conference WebSite. Registration will be closed on March 12, 2011. Abstracts submitted by e-mail with no registration of the author will not be accepted by the Organizing Committee. There's a

possibility to submit an abstract together with the registration (upload the file with abstract in the corresponding field).

Notification of acceptance will be sent to authors not later than April 1, 2011. Conference Program and Book of Abstracts will be given to participants upon arrival.

#### KEY DATES

**March 11, 2011** Abstract submission and online registration

**April 1, 2011** Notification of abstract acceptance

**June 1, 2011** Hotel Booking

**July 5-10, 2011** Conference dates

#### CONFERENCE VENUE

The Conference will take place in well-found lecture-rooms of Biisk Technological Institute. The Organizing Committee will help the participants to book rooms in the city hotels. Also, excursions to health resort Belokurikha and some picturesque place of the Altai Mountains will be organized.

#### REGISTRATION FEE

The registration fee of 100 EUR should be paid in cash on arrival. We will not accept payments by credit cards, checks, or any other way of payment. Registration fee includes conference organization costs like publishing costs, coffee breaks, conference dinner, excursions, transportation, etc.

#### VISA

To enter the Russian Federation you'll need a visa. We will mail you the official invitation by post after you submit us the inquiry which you can download from the Conference WebSite (for more information, see section “Visa”). Please note that it takes about 3 months to get the visa.

#### CONTACTS

Please address all correspondence to

**Conference Secretary**  
**Elena Meshcheryakova**  
**Lavrentyev Institute of Hydrodynamics**  
**Lavrentyev Prospect 15,**  
**Novosibirsk 630090, Russia**  
**Phone: (383) 333 22 01**  
**Fax: (383) 333 16 12**  
**E-mail: [biisk2011@gmail.com](mailto:biisk2011@gmail.com)**  
**Conference WebSite: <http://conf.nsc.ru/biisk11>**