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Scientific Secretary — N.V. Medvetskaya

Executive Secretary — R.S. Gromadskaya,

National Committee for Heat and Mass Transfer,

IVT RAN, Krasnokazarmennaya Str., 17A, Moscow 111116,

Russia

Phone./Fax: +7 (495) 362 55 90; E-mail: nchmt@iht.mpei.ac.ru or

natalia-medvetskaya@rambler.ru

Organizational Committee

Young scientists who have actively participated at previous School-Seminar and who have received a diploma for the best paper will be included as members of Organizational Committee.

**FILLED PRELIMINARY REGISTRATION FORM
sent by E-mail to**

Dr. N.V. Medvetskaya,
E-mail: nchmt@iht.mpei.ac.ru or
natalia-medvetskaya@rambler.ru

*XVIII School-Seminar of Young Scientists and
Specialists under the Scientific Supervision
of Academician, Professor A.I. Leontiev*

FIRST ANNOUNCEMENT

**PROBLEMS OF HEAT AND MASS
TRANSFER AND GAS DYNAMICS IN
NEW ENERGY TECHNOLOGY**

May 23–27, 2011

Zvenigorod, Moscow Region, Russia



*Program of the Presidium
of the Russian Academy of Sciences
“Support of Young Scientists”*

SCHOOL-SEMINAR ORGANIZATORS

Bauman Moscow State Technical University

Joint Institute of High Temperature

National Committee for Heat and Mass Transfer

of the Russian Academy of Sciences

“Science-Service-Center” Ltd.

INTRODUCTION

Bauman Moscow State Technical University, Joint Institute of High Temperature and National Committee for Heat and Mass Transfer are pleased to announce the XVIII School-Seminar of Young Scientists and Specialists on the “**PROBLEMS OF HEAT AND MASS TRANSFER AND GAS DYNAMICS IN NEW ENERGY TECHNOLOGY**”. The School-Seminar of Young Scientists and Specialists under the scientific supervision of Academician, Professor A.I. Leontiev is held once per two years, since 1977. The School-Seminar brings together young scientists, engineers and distinguished scientists in the field of a thermal physics and heat transfer, providing an open forum for discussion of current and future research areas.

Postgraduate students, graduate students, young scientists and engineers up to 35 years of age can take part at 18-th School-Seminar.

The event will be held at Holiday Hotel “Zvenigorodsky” of the Russian Academy of Sciences in *May 23–27, 2011*, Zvenigorod, Moscow Region www.zvenigorodskiy.ru

OBJECTIVES

Papers are invited on original studies of the experimental and mathematical modeling in following general areas:

- § Forced, Mixed Turbulent and Laminar Heat Transfer with and without Chemical Reactions;
- § Heat Transfer at Multiphase Media including vapour-liquid flow,
- § gas or vapour-liquid flows with particles;
- § free boiling;
- § porous structure
- § Radiative and Conjugated Heat Transfer;
- § Nano- and Microscale Heat Transfer;
- § Experimental Methods of Flow Diagnostics

LOCATION

Participants will be accommodated at the Holiday Hotel “Zvenigorodsky” of the Russian Academy of Sciences www.zvenigorodskiy.ru

CALL FOR PAPERS

Detailed instructions and templates for preparing and submitting the materials can be found at <http://www.nchmt.ru/> (18-th School-Seminar) after January 15, 2011.

The following materials should be submitted before **February 15, 2011**:

- 1) Filled Preliminary Registration Form;
- 2) Extended Thesis prepared according to the template;

These materials should be sent to:

Scientific Secretary N.V. Medvetskaya

by E-mail: nchmt@iht.mpei.ac.ru or natalia-medvetskaya@rambler.ru

If you are not going to make a presentation, you can take a Registration Form at <http://www.nchmt.ru/> and send the filled Preliminary Registration Form to nchmt@iht.mpei.ac.ru or natalia-medvetskaya@rambler.ru

Notification of paper acceptance will be sent to participants before April 1, 2011.

LANGUAGE

Official languages of the School-Seminar will be Russian and English. Simultaneous translation will be provided.

REGISTRATION FEE

is 150 Euro,

All participants will be provided with CD of the School-Seminar Proceedings, printed program. Coffee breaks and welcome reception are also included.

The Registration fee should be paid by cash at the conference desk.

PRELIMINARY REGISTRATION FORM

*XVIII School-Seminar
of Young Scientists and Specialists
under the Scientific Supervision of the Academician,
Professor A.I. Leontiev*

**PROBLEMS OF HEAT AND MASS TRANSFER
AND GAS DYNAMICS IN NEW ENERGY
TECHNOLOGY**

May 23–27, 2011
Zvenigorod, Moscow Region, Russia

1 I plan to submit a paper

1 I plan to attend School-Seminar

Prof./Dr./Mr./Ms/..... (Please Circle)

First/Middle Name.....

Family Name.....

Position.....

Organization/ Company.....

Postal Address

Street.....

City.....

State.....Post Code.....

Country.....

Phone.....

Fax.....

E-mail.....

Paper title

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