



Russian Academy of Sciences

**Joint Institute  
for High  
Temperatures**

**First Announcement &  
Call for Abstracts and Papers**

**8th International Workshop on**

# Subsecond Thermophysics

**September 26–28, 2007  
Moscow, Russia**

Abstracts submission by January 31, 2007  
Full papers submission by September 26, 2007

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## About the Workshop

This will be the eighth of a series of well-established workshops on both experimental and theoretical aspects of thermophysical behavior of matter in the millisecond to picosecond time regimes. It will include rapid resistive or inductive heating, laser pulse heating, shock and release waves, and levitation techniques. The emphasis will be on measurements of thermophysical properties and phase transitions at high temperatures and pressures up to the vicinity of the critical point of high-melting substances. In this region, laser pulse and resistive heating, containerless techniques and adiabatic-release techniques are unique approaches to study the behavior of matter under conditions near and distant from thermodynamic equilibrium.

An informal workshop atmosphere is chosen to promote exchange and cooperation among scientists and researchers from academia, research institutions and industry with common scientific and technical interests.

## Call for Papers

The workshop will consist of invited and contributed papers. Abstracts (200–300 words) should be submitted by January 31, 2007 via the web site of the conference,

<http://www.ihed.ras.ru/subsecond2007/registration/>.

Contributed talks will be selected from the submitted abstracts. There also will be a poster session.

Full-length manuscripts, to be submitted by September 26, 2007, will be reviewed and those accepted will be published in a special issue of the International Journal of Thermophysics.

## Conference Language

For abstracts, oral and poster presentations, the language of the workshop will be English. No simultaneous translation will be provided.

## Mailing List

Those interested in the workshop should fill in the registration form via the web site of the conference,

<http://www.ihed.ras.ru/subsecond2007/registration/>.

This will help proper organization of the workshop and effective mailing of the second announcement.

Our mailing list may not be complete. Please correct addresses and forward to colleagues who might be interested in the workshop.

## Location

The conference will take place in the new building of the Russian Academy of Sciences Presidium located close to the center of Moscow in the picturesque place on the bank of Moskva-river.

Transport for Moscow airports will be provided.

## Accompanying Persons

An accompanying person program will be arranged.

## Address for Correspondence

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