

First Announcement

# XVII- th International Conference Horizons in Hydrogen Bond Research

3-8 September 2007

with

German-Russian Graduate Student Research School on

## Hydrogen Bonding and Proton Transfer

1-2 September 2007

St. Petersburg, Russia

[www.onlinereg.ru/Hbond2007](http://www.onlinereg.ru/Hbond2007)



St. Petersburg State University  
V.A. Fock Institute of Physics

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This workshop is the seventeenth in the series of conferences on hydrogen bonding and organized by the Institute of Physics of St. Petersburg State University. The first conference was initiated in 1977 in Poland and the last meeting was in 2005 in Roskilde, Denmark.

The XVII-th Conference “Horizons in Hydrogen Bond Research” will be held on 3-8 September, 2007 in town **Repino** located in 40 km from St. Petersburg. The conference will be preceded by a Graduate Student Research School on «Hydrogen Bonding and Proton Transfer» starting on Saturday September, 1. The School is organized by Berlin and St. Petersburg Universities. The young scientists from all countries are invited to participate in the School. The Conference will take place in the Hotel “**Baltiys**”

### Conference format

The conference will start with morning session on Monday September, 3. On Monday, Tuesday, Thursday, and Friday morning and evening sessions will take place, including poster sessions; Get-together party is planned in the evening September, 2. Wednesday is a day of the cultural program; Conference Dinner is planned for Friday evening. On Saturday, short morning session and departure.

Those who want to participate in the Conference need to make registration on the conference site [www.onlinereg.ru/Hbond2007](http://www.onlinereg.ru/Hbond2007).

## Conference Fees

The conference fee will be **330 Euro** and **200 Euro** for accompanying persons and students. The fee includes access to the sessions, conference kit, excursions, coffee, get-together party and conference Dinner.

## Contribution

Upon registration the participant should indicate the title of his/her (oral or poster) contributions. The students should indicate the title of their oral presentation at the school. Those who have **already made** the preliminary registration **need to confirm** it and indicate the title of their contribution.

## We propose the following list of questions for discussion at the conference:

- Small hydrogen bonded complexes: from the gas phase to condensed matter
- Hydrogen bonded compounds and complexes in liquids, solids and on a surface
- Hydrogen bonding properties of solutes at the aqueous interface
- Liquids with extended hydrogen bonded networks
- Molecular nanostructures with H-bonds, clathrates
- Modern trends in calculations of spectra of H-bonded complexes
- Functional hydrogen bonds in biomolecules
- Hydrated biosystems with many interacting H-bonds
- H-bonds in excited states, kinetic properties of H-bond systems

The format of the conference includes lectures, oral presentations and posters.

**Working language** of the conference is **English**. Some materials of conference will be duplicated in Russian.

Presentations should be prepared in the electronic form. Theses of reports should be prepared in an electronic form and are brought on the site or sent by e-mail. Requirements of these preparation are given on a site.

**Deadline for abstract submission is May 2007**

## Accommodation

The prices include full-boarding with three meals a day (buffet) and are about 50 Euro per one person, per one day in double room. See conference site.

## Important dates

**September 1:** arrival and registration of participants of the School

**September 2:** arrival and registration of participants of the Conference

**September 8:** last Conference day

## Deadlines:

**Registration:** April 15, 2007

**Payment:** May 1, 2007

**Abstract Submission** May 15, 2007

## Graduate School

The Graduate School will take place in the Hotel "Baltiys" starting on Saturday September 1 before the lunch and till just the Horizons get-together party. Contact person for the Graduate school is Ruslan Asfin: <[R.Asfin@molsp.phys.spbu.ru](mailto:R.Asfin@molsp.phys.spbu.ru)>

## Attention!

**Foreign participants (and accompanying persons) must have visa to Russia. See section Visa support on the conference site for details.**

## Organizing committee:

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## Welcome!

It is our great pleasure to welcome all of you to St. Petersburg. We hope your state will be enjoyable and memorable, both scientifically and socially.