

8th Conference on Cryocrystals and Quantum Crystals CC-2010

Chernogolovka, Russia, July 26-31, 2010

<http://www.issp.ac.ru/cc2010/>

Second Announcement

The conference is organized jointly by the Institute of Solid State Physics Russian Academy of Sciences, RAS Council on Low Temperature Physics, and RAS Council on Condensed Matter Physics.

Main subjects:

- thermodynamical and mechanical properties of cryocrystals and quantum crystals, crystalline and amorphous films, nanoscale systems;
- charged species in cryocrystals and quantum crystals, phenomena at the surface of quantum fluids and solids;
- optical and neutron spectroscopy of cryocrystals and impurity-helium condensates, matrix isolation in cryocrystals ;
- ultrafast dynamics in crystals;
- high-pressure studies of cryocrystals and quantum crystals;
- order-disorder phenomena;
- technological applications and instrumentation.

Goal: bringing together top-level experts, both experimentalists and theorists, for presentation and discussion of recent research results in the field of cryocrystals and quantum crystals.

Online registration is opened (see <http://www.issp.ac.ru/cc2010/registration.html>).

Framework: the program is supposed to be compiled of invited talks (40 minutes duration each) distributed between the main subjects of the conference, oral and poster presentations.

Schedule:

- Registration on July 25 (afternoon and evening)
- Conference starts on July 26 at 10:00 : a few public lectures are planned to be presented at the first day in frames of “School of Young Scientists”
- July 27-28: invited and oral reports, poster sessions
- July 29: excursions
- July 30-31: invited and oral reports, poster sessions
- Conference ends on July 31 at 13:00

Proceedings will be published in the journal "Low Temperature Physics". Authors should present at the registration desk 2 hardcopies of manuscript and the electronic version to facilitate the editorial and reviewing process. Manuscripts shouldn't exceed 12 pages for invited and oral talks and 6 pages for poster presentations. All contributions (oral and poster) will subject to LTP peer review policy and standards (see <http://fnte.ilt.kharkov.ua>).

Contacts: Conference Secretary - Olga I. Levchenko, e-mail: cc2010@issp.ac.ru