



THERMAL CONDUCTIVITY

International Advanced Research Workshop

International Advanced Research Workshop “Thermal Conductivity of solid states at low temperature”

in the frame of the II International Advanced Study Conference CONDENSED
MATTER & LOW TEMPERATURE PHYSICS 2021

8 June 2021, Kharkiv, Ukraine

About Workshop

Traditionally, B. Verkin Institute for Low Temperature Physics and Engineering of NAS of Ukraine holds the wide-scope meetings in the field of condensed matter and low temperature physics. We are honored to invite leading experts, researchers, and students take part in the **International Advanced Research Workshop on Thermal Conductivity of solid states at low temperature** that will be held in the frame of the conference CM<P 2021.

Research topics of the Workshop focused on the Thermal phenomena in the solid states at low temperature:

1. Low temperature thermal properties of quasi - 1D and 2D crystals;
2. Heat transfer in magnetic materials;
3. Collective excitations in molecular crystals and glasses;
4. Heat phenomena in nanomaterials and material science;
5. Thermal conductivity and quantum effects in solid states with different disorder.

The workshop will be held in B. Verkin Institute for Low Temperature Physics and Engineering of NAS of Ukraine in mixed format online+offline for the purpose that each participant will have the opportunity to present their results to the scientific community in the most convenient way.

Local Organizers

Prof. Dolbin A.V. – Head of the department of thermal properties and structure of solids and nanosystems

Prof. Krivchikov A.I. – Leading researcher

Prof. Konstantinov V.A. – Chief Researcher

Dr. Basnukaeva R.M. – Researcher

Dr. Barabashko M.S. – Researcher

Dr. Horbatenko Yu.V. – Junior Researcher

Hurova D.E. – PhD student

Details about Participation

There is no registration fee. The support for eligible participants is granted under the condition of their presence during the all duration of the Workshop (online or offline) and presentation their results during the scheduled meetings. The participants will get the Workshop Abstract book and all supply materials.

Keynote speakers

Format: 30- 40 min, the plenary lecture or their current research results.

Requirements: Doctoral degree (PhD), up to two-page abstract.

Researchers and students

Format: 10 min oral presentation, including time for discussion

Requirements: one-page abstract.

Listeners

The lectures and reports of the participants of the Workshop will be available for all registered persons (by Zoom link).

How to apply

Please, be ready to attach an abstract (template rule: <https://www.ilt.kharkov.ua/cm1tp2021/guides.html>) that will fill in and submit in the **registration form**. A successful registration will be validated by the e-mail confirmation. For more details about registration/participation in the Workshop, please contact Dr. Maksym Barabashko (barabaschko@ilt.kharkov.ua).

Important dates

On **[Thermal Conductivity Workshop Kharkiv](#)** (Registration - before 20 April for Keynote speakers, Researchers and students). Listeners can register before 8 June 2021. Once the applications will be approved by the advisory board, all registered applicants will be informed about acceptance by email.

