

Low-dimensional materials: theory, modeling, experiment

July 9-12
(Dubna, Russia)

About

The International workshop “*Low-dimensional materials: theory, modeling, experiment*” is organized by Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research (JINR).

The Workshop will cover the wide range of nanoscale phenomena in low-dimensional materials. The presentation will include oral talks and poster sessions.

Scientific program

2D materials: graphene and others	LDM-based heterostructures
Nanoribbons and carbon nanotubes	LDM functionalization
Dirac and Weyl metals and semimetals	LDM in nano/bio electronic devices
Transport phenomena in LDM	

International Advisory Committee

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Location

The Workshop will be held in the *International Conference Center JINR Dubna*. Joint Institute for Nuclear Research is an international research organization involving more than 20 countries.

The institute activity embraces high-energy, nuclear and condensed matter physics. As an international recognition of JINR achievements, the element number 105 of the Periodic Table is called Dubnium in honor of the town Dubna.

Dubna is a small scientific town, 130 km north of Moscow, on the bank of the Volga river. There is a direct train and bus connection to Moscow.

The registration

The registration fee:

Participants	120 EUR
Students/accompanying persons	80 EUR

(Fee can also be paid in US dollars.)

Fee includes welcome party, coffee breaks, banquet, the publication book of abstracts, single fixed-time bus transfer between airport Sheremetyevo and Dubna on July 8 and 13. Some limited financial support might be possible on request preferably for young scientists from Russia and other JINR Member States and European countries.

For registration: <http://indico.jinr.ru/event/bltp/ldm2018>
E-mail: ldm2018@theor.jinr.ru

Number of participants is limited.

The end of registration and abstract deadline March 1, 2018