

# Low-dimensional materials: theory, modeling, experiment

29 June-3 July 2020

(Dubna, Russia)

## About

The international conference “Low-dimensional materials: theory, modeling experiment” is organized by Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research (JINR). The Conference will cover the wide range of nanoscale phenomena in low-dimensional materials. The presentation will include oral talks and poster sessions. The publication of conference proceedings is planned in a peer-reviewed journal.

## 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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## Organizing Committee

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## Location

The Conference will be held in the **Bogoliubov Laboratory of Theoretical Physics** of 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	<b>120 EUR</b>
Students/accompany persons	<b>80 EUR</b>

(Fee can also be paid in rubles or US dollars)

Fee includes welcome party, coffee breaks, banquet, the publication of the book of abstracts and conference proceedings, the cultural program. 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/e/ldm2020>  
**E-mail:** [ldm@theor.jinr.ru](mailto:ldm@theor.jinr.ru)

**Number of participants is limited.**

**The end of registration and abstract deadline February 28, 2020**