

About

The international conference "Modern problems of condensed matter theory" is organized by the Bogolyubov Laboratory of Theoretical Physics of the Joint Institute for Nuclear Research (JINR). The scientific program of the conference includes a discussion of a wide range of current fundamental and applied issues in the condensed matter theory. The conference will feature oral presentations, including plenary and invited talks, as well as poster session. Publication of the conference proceedings is planned in a peer-reviewed journal.

Working languages: Russian, English.

The previous conference: https://indico.jinr.ru/e/cmt_ru

Scientific program

- complex materials
(*high temperature superconductors, super conducting hybrid structures, fractal structures, functional materials*)
- nanostructures and nanomaterials
- models of statistical physics of complex systems
- methods of quantum field theory in complex systems
- modern experimental research

Program Committee

Povolotsky A.M.	JINR, Dubna (chairman)
Anitas E.-M.	JINR, Dubna
Aristov D.N.	PNPI NRC KI, St. Petersburg University
Glazov M.M.	loffe Institute RAS, St. Petersburg
Okotrub A.V.	NIIC SB RAS, Novosibirsk
Pismak Yu.M.	St. Petersburg University
Rozhkov A.V.	ITAE RAS, Moscow
Sorokin P.B.	NUST "MISiS", Moscow

Venue

The conference will be held at the Bogoliubov Laboratory of Theoretical Physics JINR in Dubna, Russia. JINR is an international intergovernmental scientific research organisation with 16 Member States. The scientific activities of JINR include high energy physics, nuclear physics, condensed matter physics, development in the information technology area, and radiobiological research. It is remarkable, that 10 out of 16 new chemical elements of the Mendeleev Periodic Table were synthesized at JINR, and Dubnium is among them. The element 105 (named after Dubna) was born in our science city. Dubna is a young and cozy town located 130 km north from Moscow, on the banks of the Volga River. There is a direct train and bus connection to Moscow.

Registration

Registration fee	10 000 ₺
For students, graduate students, accompanying persons	5 000 ₺

The registration fee covers: coffee breaks, welcome reception, conference proceedings, boat trip and conference kit. Upon request, young participants can be provided with financial support, such as accommodation or registration fees.

Organising Committee

Osipov V.A. — co-chairman	Kalagov G.A.	Molotkov Yu.G.
Hnatič M. — co-chairman	Kulikov K.V.	Mižišin L.
Katkov V.L. — scientific secretary	Lebedev N.M.	Korotchik O.M.

The number of participants is limited

Registration opens on:	23 February
Registration closes on:	1 June
Deadline for abstract submission:	1 June

