



International Conference on Theoretical Physics

# DUBNA-NANO2010

July 5 - 10, 2010

Dubna, Russia

The International conference "Dubna-Nano2010" is organized by Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research. The conference will be held in Dubna, Moscow Region, Russia, on July 5-10, 2010. It is second in the series starting with Dubna-Nano2008 (see <http://theor.jinr.ru/~nano08>). The conference is devoted to various problems of nanophysics and related applications, with the accent to theoretical aspects. A multidisciplinary character of the conference assumes effective exchange of ideas between different areas of nanophysics.

## Scientific program

- carbon nanosystems
- quantum dots
- electron and spin transport
- atomic clusters
- Josephson junctions
- applications of nanosystems

The presentation will include oral talks and posters. The conference proceeding will be published in Journal of Physics: Conference Series. The conference language is English.

## Important dates

call for abstracts & beginning of registration	01.11.2009
abstract deadline & end of registration	31.01.2010
acceptance information	25.02.2010
visa application deadline	15.05.2010

## International advisory committee

T. Ando (TIT, Japan)  
 J. Fabian (University of Regensburg, Germany)  
 F. Guinea (ICMM, Spain)  
 P. Hawrylak (IMS, Canada)  
 K. Kadowaki (University of Tsukuba, Japan)  
 Yu.I. Latyshev (IRE, Russia)  
 Yu.E. Lozovik (IS, Russia)  
 M. Machida (JAEA, Japan)  
 B.K. Nikolić (University of Delaware, USA)  
 N.F. Pedersen (TUD, Denmark)  
 P.-G. Reinhard (Erlangen University, Germany)  
 J.M. Rost (MPI-PKS, Germany)  
 A.Ya. Vul' (Ioffe Institute, Russia)

## Organizing committee

V.A. Osipov - chairman  
 V.O. Nesterenko - vice-chairman  
 Yu.M. Shukrinov - vice-chairman  
 S.E. Krasavin - scientific secretary  
 T.S. Donskova - secretary  
 O.G. Isaeva  
 V.L. Katkov  
 D.V. Kolesnikov  
 A.N. Novikov

## Location

Dubna is a small scientific town, 120 km north of Moscow, on the bank of the Volga river (see <http://www.dubna.ru>). There is a direct (about two hours) train and bus connection to Moscow.

Dubna is a host of Joint Institute for Nuclear Research, an international research organization involving more than 20 countries (see <http://www.jinr.ru>). 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. For many years JINR and Laboratory of Theoretical Physics were headed by the celebrated scientist N.N. Bogoliubov.

## Registration

The registration fee is 450 euro for participants and 350 euro for students and accompanying persons. It covers the accomodation in JINR hotel (7 nights, breakfast), welcome reception, banquet, break refreshments, social program, proceedings of the conference, and single fixed-time bus transfer between airport Sheremetyevo and Dubna on July 4 and 11.

## Social program

The Volga river trip on a ship and tour to Moscow (Kremlin and other sights) will be organized.

FAX: (7-49621) 65084,  
 E-mail: [nano10@theor.jinr.ru](mailto:nano10@theor.jinr.ru)  
 Website: <http://theor.jinr.ru/~nano10>