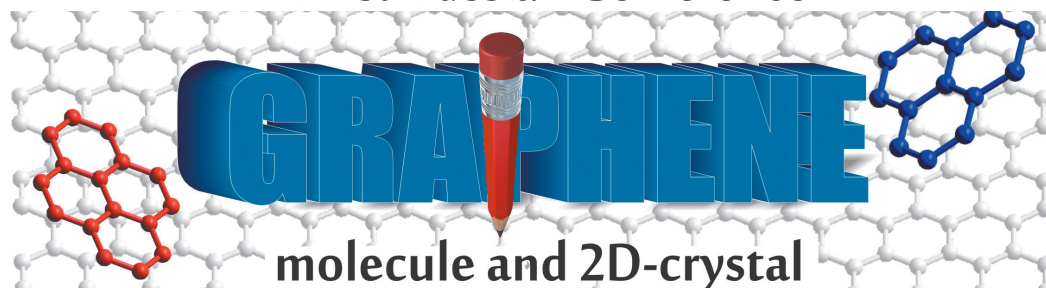


First Russian Conference



molecule and 2D-crystal

September 8 - 12, 2015

Russian Federation, 630090 Novosibirsk

<http://niic.nsc.ru/conferences/graphene>

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GM2dC'2015 - brand of the new Russian conference "GRAPHENE – A MOLECULE AND 2D-CRYSTAL", the first conference in Russia devoted to the results and prospects of research on graphene and related materials. Conference is purposely interdisciplinary, as the problem itself. One of the conference objectives is to develop a common language (terminology) in the discussion of the unique properties of graphene for professionals from various fields of science, a single view of the prospects in this direction.

Conference language is Russian

GMC SUGGESTED TOPICS

- Graphene - the composition, structure, plies, types of defects
- Identification and characterization of graphene samples on different origin (CR, XRD, AFM, TEM, SEM); metrology
- Methods of preparation and perspectives of graphene production
- The physical properties of graphene: conductivity, thermal conductivity etc.
- Physics of graphene: electronic structure, quantum electrodynamics, plasmonics etc.
- Electronic devices and devices based on graphene, carbon nanoelectronics
- Chemistry of graphene: hydrogenation, fluorination, oxidation, functionalization
- Graphene oxide - structure, properties, chemistry
- Electrochemistry of graphene, supercapacitors and Li-ion batteries
- Graphene and catalysis
- Graphene in biomedical researches
- Graphene in the environment; ecology; toxicity
- Other 2D-objects, electronic structure, physical properties; sandwiches

IMPORTANT DATES

Registration and abstract submission deadline	May	01, 2015
Acceptance notification	May	30, 2015
Payment of registration fee deadline	July	15, 2015
Conference program	August	20, 2015
Full paper submission in journal RENSIT	September	08, 2015

VENUE

House of Scientists, Akademgorodok, Novosibirsk.

ACCOMMODATION OF PARTICIPANTS

Hotel "Golden Valley"



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