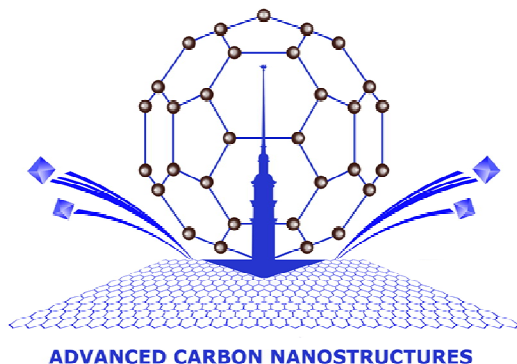


Second Announcement
**12th Biennial
International Conference**
**ADVANCED CARBON
NANOSTRUCTURES**
(ACNS'2015)



Abstracts deadline – 15 March, 2015

June 29 – July 3, 2015
St.Petersburg, Russia

ORGANIZERS

Ioffe Physico-Technical Institute, Russia

*St.Petersburg Nuclear Physics Institute,
Russia*

*National Research Center "Kurchatov
Institute", Russia*

*St.Petersburg State Institute of Technology
(Technical University) Russia*

SCOPE

The program will traditionally include lectures by invited speakers, oral presentations and several poster sessions. The lectures and oral presentations will generally concentrate on the most recent advances in the following areas:

• **Materials**

- Fullerenes
- Carbon Nanotubes
- Graphene
- Nanodiamond particles
- Carbon onions
- Nanographite
- Nanoporous carbon

• **Phenomena**

- Synthesis
- Electronic properties
- Magnetic properties
- Optical properties
- Mechanical properties
- Phase transitions

And

- Technology of all materials mentioned above
- Theory and computer simulation of carbon nanostructures
- Methods for characterization of nanocarbons
- Applications of carbon nanostructures

PRELIMINARY LIST OF INVITED SPEAKERS

1. **Jean-Charles Arnault**, CEA LIST, France
Hydrogenated nanodiamond: a versatile tool for biomedical applications
2. **Franco Cataldo**, Osservatorio Astrofisico di Catania, Italy
Carbon nanostructures in the circumstellar/interstellar medium and in laboratory
3. **Luis Echegoyen**, University of Texas at El Paso, USA
Buckyball Maracas: the importance of size, shape and electronic complementarity between the encapsulated clusters and the carbon cages of endohedral fullerenes
4. **Dominik Eder**, Institut für Physikalische Chemie, Germany
Nanocarbon-inorganic hybrids for sustainable energy applications
5. **Yuhei Hayamizu**, Tokyo Institute of Technology, Japan
6. **Anatoli Krestinin**, Institute of Problems of Chemical Physics, Russia
7. **Vasily Lebedev**, National Research Centre "Kurchatov Institute", B.P.Konstantinov Petersburg Nuclear Physics Institute, Russia
Biocompatible water-soluble endometallofullerenes: peculiarities of self-assembly in aqueous solutions and the ordering under magnetic field applied
8. **Levon Piotrovskiy**, Institute of Experimental Medicine, Russia
9. **Victor Ral'chenko**, Prokhorov General Physics Institute, Russia
Nano- and microcrystalline diamond films and structures for photonics grown by a microwave plasma chemical vapor deposition
10. **Ping Sheng**, HKUST, Hong Kong, China
11. **Shangfeng Yang**, University of Science and Technology of China, China
Endohedral and exohedral functionalization of Fullerenes

Organizing Committee of ACNS'2015

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ABSTRACTS

Authors are requested to submit a one-page abstract of their contributions.

The deadline for abstracts is March 15, 2015.

Detailed information you can find at www.acns2015.org

PUBLICATION

Proceedings will be published in the journal "Nanosystems: Physics, Chemistry, Mathematics" (NANO. F & H & M, <http://nanojournal.ifmo.ru/en>) at the beginning of 2016.

The deadline for submission of the manuscripts for Proceedings is June 15, 2015.

ORGANIZATION FEE

	before May 15	after May 15
Participants	EUR 450	EUR 550
Accompanying person (wife, husband, children)	EUR 80	EUR 80
Students	EUR 200*	EUR 250*

*An appropriate letter from a supervisor has to confirm student status.

The fee covers:

Participation in the scientific sessions; visa support; shuttle bus from hotel to Conference hall, conference file, book of Abstracts and Final program, Conference party; coffee breaks, and lunches (the latter is not included for accompanying persons).

IMPORTANT DATES

Abstract deadline	March 15, 2015
Visa Support Deadline	April 20, 2015
Final Registration & Hotel Reservation Deadline	May 15, 2015
Full Papers Deadline	June 15, 2015

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