

International Conference & School

5-13 July, 2017

MSFA'2017

Mesoscopic Structures: Fundamentals and Applications
IV International Conference

Novosibirsk State
Technical University,
630073, RUSSIA, Novosibirsk,
Karl Marks avenue, 20

5-9 July, 2017

msfa.conf.nstu.ru



CALL FOR PAPERS

CONFERENCE ORGANIZERS

- Federal Budgetary Educational Institution for Higher Education Novosibirsk State Technical University
- Russian Foundation for Basic Research

CONFERENCE SCOPE

- Nanomechanics (nanomechanical and nanoelectromechanical devices)
- Mesoscopic nanostructures (metallic, semiconductors, superconductors) and their properties
- Technology of mesoscopic nanostructures
- Artificial (macroscopic) quantum systems
- Detectors and devices based on mesoscopic structures
- Josephson effect and its applications
- Quantum metrology and quantum computing

CONFERENCE PLACE

Hotel "Baikal", Listvyanka, Irkutsk region, Russia

Country hotel "Baikal" is located on the picturesque shore of lake Baikal near the source of Angara river, at the height of bird's flight, 65 km from Irkutsk. There are main tourist facilities located near hotel: Baikal Museum, observation platform opposite the Shaman-stone and rope-chair lift to the observation platform "Chersky Stone".

INTERNATIONAL PROGRAMME COMMITTEE

Chairman:

E. Il'ichev Leibniz-Institut für Photonische
Technologien Jena, Germany

Members:

O. Astafiev Royal Holloway University of London,
London, UK

A. Vasiliev Russian Scientific Center "Kurchatov
Institute", Moscow, Russia

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A. Golubov University of Twente, Twente,
The Netherlands

Ya. Grinberg Novosibirsk State Technical
University, Russia

V. Ryazanov Institute of Solid State Physics;
Tchernogolovka, Russia

A. Ustinov Karlsruher Institut für Technologie,
Karlsruher Germany

M. Grajcar Comenius University, Bratislava,
Slovakia

J. Pekola Aalto University School of Science,
Aalto, Finland

O. Buisson Institut Néel, CNRS - Grenoble,
France

ORGANIZING COMMITTEE

Chairman:

A. Vostretsov Dr.Sc., Prof., Vice-Rector responsible
for Scientific Research, NSTU

Deputy chairman:

S. Filatova Cand.Sc., head of Innovative and
Technology Center, NSTU

Scientific secretary:

D. Sokolova Cand.Sc., associate professor, NSTU

Members:

Ya. Grinberg Dr.Sc., Prof., NSTU

E. Il'ichev Dr.Sc., Prof., IPHT, Jena, Germany

I. Korel Cand.Sc., associate professor, NSTU

I. Novikov Cand.Sc., associate professor, NSTU

A. Malinovski head of Business Technology Center,
NSTU

CONFERENCE OBJECTIVES

- presentation and discussion the newest scientific achievements in the field of mesoscopic structures
- extending areas of application for the results reported on the conference
- development of interdisciplinary, interregional and international collaboration

CONFERENCE WORK.

CONFERENCE LANGUAGE

Work of the conference will be arranged in the form of plenary sessions. The working language of the conference is English.

CONFERENCE PROCEEDINGS

Accepted reports will be published in the conference proceedings before it started. It is assumed two types of materials: abstracts and articles. Abstracts volume: one page. Article volume: no more than four pages. The text should be written in a single column in MS Word, font: Times New Roman 12 pt, single-spaced. Title – Times New Roman 24 pt. For simple formulas in the text the use Symbol layout is recommended. Separate formula should be written in the formula editor MathType with the following sizes in the menu Size of the Formula Editor: Full – 12 pt, Subscript/Superscript – 10 pt, Sub-Subscript/Superscript – 8 pt, Symbol – 14 pt, Sub-symbol – 10 pt. Sample preparation for articles places on the conference site.

IMPORTANT DATES

12 March, 2017	deadline for registration
15 March, 2017	deadline for submission of report electronic version
25 March, 2017	deadline for organizing committee answer on the acceptance or rejection of the report, placement of the conference schedule on the conference site
5 July, 2017	arrival and accommodation of conference participants
13 July, 2017	departure of conference participants

PARTICIPATION FEE

Participation fee is 100 EUR.

Participation fee includes participation in all conference events, coffee-breaks, proceedings of the conference.

Foreign citizens should pay participation fee in the conference day.

APPLYING FOR PARTICIPATION IN CONFERENCE

All interested in participating the conference are required to fill the interactive registration form on the conference site msfa.conf.nstu.ru.

The report should be prepared according to guidelines found in the file “Sample.doc”. In a separate file the following information in English should be prepared and sent: report title, authors, name of authors' employer institution, abstract (around 150-200 words), keywords (not more than 10).

ORGANIZING COMMITTEE CONTACTS

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International School «Superconducting Hybrid Nanostructures: Physics and Applications»

10-12 July, 2017

<http://shn-mipt.com>