

National Academy of Sciences of Ukraine
Ministry of Education and Science of Ukraine
Institute for Scintillation Materials NASU
O. Ya. Usikov Institute of Radio Physics and Electronics of the NASU
V. E. Lashkaryov Institute of Semiconductor Physics NASU
Institute of Physics NASU
Kharkiv National University of Radio Electronics
V. N. Karazin Kharkiv National University
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«Igor Sikorsky Kyiv Polytechnic Institute»
Odessa I.I.Mechnikov National University

**X INTERNATIONAL
SCIENTIFIC CONFERENCE
"Functional Basis of Nanoelectronics"**

September 16 - September 21, 2019, Odesa, Ukraine

Dear Colleagues!

We invite you to take part in the work of the X International Scientific Conference "**Functional Basis of Nanoelectronics**", which will be held in **Odesa from September 16 to September 21, 2019.**

Participation in the conference will be interesting to scientists, experts, graduate students, specialists of enterprises of all forms of ownership, educational institutions, academic institutions of Ukraine and abroad.

SCIENTIFIC DIRECTIONS OF THE CONFERENCE:

- **Physics and Theory of Nanostructures for Electronics;**
 - **Electrodynamics and nanoelectronics of the THz range;**
 - **Metamaterials and their application of the THz and GHz nanoelectronics ranges;**
 - **Methods of formation, diagnosis and research of nanostructures and nano-objects including biological;**
 - **Mathematical modeling in nanoelectronics;**
 - **Nanoelectronic sensors and information systems.**
- Nanoelectronic sensors for bio-engineering;**
- **Magnetic nano- and meta-structures of the GHz and THz electronics;**
 - **MEMS and NEMS in electronics;**
 - **Nanophotonics. Processes, structures and devices;**
 - **Nonlinear processes in artificial media / metamaterials and devices based on them.**

Registration fee:

- for participants from Ukraine – **500 hryvnia**
- for participants from other countries - **50 euros** or the equivalent in hryvnia at the rate of the National Bank of Ukraine on the day the contribution is paid.

The registration fee includes the publication of the program and the collection of scientific papers of the conference, as well as the costs associated with covering the costs of organizing and holding the conference, including expenses for advertising, communications, coffee breaks, etc.

Decisions on the acceptance by the Organizing Committee of the reports after their review and bank details for the transfer of funds will be sent to you by August 10, 2019 in the second information mail.

IMPORTANT DATES:

Submission of application and materials for publication	20.07.2019
Material acceptance notice	10.08.2019
Registration online	until 12.09.2019
Day of arrival	16.09.2019
Opening of the conference	17.09.2019

FOR PARTICIPATION IN THE WORK OF THE CONFERENCE IT IS NECESSARY TO PROVIDE:

- Application (Annex 1);
- Send the electronic version of the report (E-mail: fbn.conference@gmail.com) in English, for authors from Ukraine a second set of documents in Ukrainian and English, for authors from other countries in English, designed in accordance with the requirements for the presentation of the report and the attached sample (Appendix 2).

REQUIREMENTS FOR THE REPORT:

- Publication volume – **3-4 full A4 pages in English**, typed in a text editor Microsoft Word.
- Fields - **30 mm**; paragraph indent **1 cm**.
- Text parameters: Times New Roman, font size **11**, single line spacing.
- Abstract in English (12-15 lines).
- The text of the manuscript should be structured and contain *all the main parts that are characteristic for describing a scientific study*: **introduction** (reflects the *relevance*, the formulation of the *goals* and *objectives*

of the study); **the essence** (presentation of the main research material with a description of the idea, method and justification of the obtained scientific results); **conclusions** (reflect the results of the study, their scientific novelty and practical significance, comparison with world peers, prospects); **references** are required (up to 5 sources).

- Formulas, symbols, variables appearing in the text should be typed as Microsoft Equation objects.
- Figures and tables should be clear, compact. Editors: CorelDraw, Table Editor, Microsoft Excel.
- The number of authors of reports is no more than five.
- The reports will be printed in the author's version without editing.
- Preferred presentation form (plenary, oral section, stand).

THE PROCEDURE FOR PLACING THE MATERIAL:

TITLE OF THE REPORT (in capital letters, bold, in the center of the line).

The next line is the names and initials of the authors in the center of the line.

The next line is the full name of the organization in the center of the line.

Next line - mailing address, phone number, E-mail of the organization or authors.

The next line is the abstract in English (12-15 lines).

A line from the paragraph to print the text of the report.

ANNEX 1

Application form:

- Last name, first name, patronymic of the authors (fully), academic title, scientific degree, position.
- Full name of the organization.
- Address for correspondence with the index of the city, contact phone (indicating the code)
- E-mail.
- The name of the scientific direction..

ANNEX 2

EXAMPLE

LASER TECHNOLOGIES OF FORMATION OF NANOPARTICLES WITH MAGNETIC PROPERTIES

I.I. Ivanov, N.A. Sergeev
Kharkiv National University of Radio Electronics
61166, Kharkiv, Nauky ave. 14, dep. Physical bases of
electronic equipment,
tel. (057) 702-13-06
E-mail: ivanov@kture.kharkov.ua;

The given work is devoted to the modern developments in the field of microwave devices used measuring etc. ... (12-15 lines).

The text of the report ...

ORGANIZING COMMITTEE

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61000, Kharkiv, Nauky Ave., 60
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