

Ministry of Education and Science of Ukraine
National Academy of Sciences of Ukraine
Kharkov National University of Radio Electronics

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V.N. Karazin Kharkiv National University
Odessa I.I. Mechnikov National University

IX INTERNATIONAL SCIENTIFIC CONFERENCE

"Functional Basis of Nanoelectronics "

18 – 23 September, 2017, Odessa, Ukraine

Dear colleagues,

We invite you to take part in the IX International Scientific Conference "FUNCTIONAL BASE OF NANO-ELECTRONICS", which will be held on **18 – 23 September 2017**, in Odessa, Ukraine.

Scientists, experts, specialists, post-graduates, representatives of the enterprises of all forms of ownership, educational institutions of Ukraine and abroad are invited to **participate in the Conference**.

SCIENTIFIC DIRECTIONS OF THE CONFERENCE:

- New fundamental terms and technologies of nanoelectronic elements formation
- Nanomaterials and structures of nanoelectronic element base
- Materials for nanoelectronics
- Scanning probe methods of diagnostics and technologies in nanoelectronics
- Nanoelectronic sensors of physical quantities
- Nanobiological structures
- Nanoelectronics in microsystems technology
- Photonics based on nano-structures
- Heterostructures in nanoelectronics
- Elements of functional nanoelectronics
- Self-organizing structures for nanoelectronics
- Nanoimprinting, micro- and nanorobots
- Radiation sources and detectors based on nanotechnologies
- Simulation in nanoelectronics
- Electrodynamics and nanoelectronics of THz and GHz wavebands
- Metamaterials and their use in nanoelectronics of THz and GHz wavebands

The registration fee for the publication of the conference materials:

- for participants from Ukraine equals to **350 грн.**
- for participants from CIS countries - **25 €**;
- for participants from far abroad - **50 €**.

The minimum registration fee includes the publication of the program, collection of scientific papers of the Conference and the costs associated with covering the costs of organizing and conducting the Conference, including costs of advertising, communication, coffee break, etc.

Information concerning acceptance of the reports and bank requisites for postal money transfer will be sent to you before **August 30, 2017** in the second information message.

IMPORTANT DATES:

Submission of materials for publication	15.08.2017
Notification of acceptance of materials	30.08.2017
Registration, opening of the Conference	18.09.2017

TO PARTICIPATE IN THE WORK OF THE CONFERENCE one should submit:

- The application (Appendix 1).
- The electronic version of the report (E-mail: imd@nure.ua) in one of the working languages (English, Russian, Ukrainian) formed according to the requirements and the attached example (Appendix 2).
- The statement of expert evaluation (for employees of KNURE)

SUBMISSION GUIDELINES:

- The volume of the report should be **2-4 full pages** (A4 size paper), Microsoft Word.
- Margins - **30 mm**; indentation – **1 cm**.
- The set: Times New Roman, 11 points, one interval between lines.
- Summary in English (up to 10 – 15 lines).
- The text of the manuscript should be structured and it should contain all *main parts typical for description of the scientific investigation*: **introduction** (it should represent the *urgency* of the problem and state the *objectives* and *problems* of the research); the **essential part** (it should contain the presentation of the main material of this research with description of the idea, method and substantiation of the obtained scientific results); **conclusions** (they should present results of the research, their *scientific novelty* and *practical significance*, comparison with the world analogues, prospects); **references** (up to 5 items).

- Formulae, symbols, variables in the text should be typed as the Microsoft Equation objects.
- Figures and tables should be clear, compact. Redactors: CorelDraw, Table Editor, Microsoft Excel.
- Texts of the reports will be published as authors presented them without editing.

The order of the material arrangement:

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

The next line – the author’s name, initials (small letters, in the middle of the line).

The next line – the complete title of the organization (small letters, in the middle of the line).

The next line – the mail address, telephone number, E-mail of the organization or of the authors.

The next line – the summary in English (up to 10- 15 lines).

The text of the report should be printed in an interval, indent a line.

Appendix 1

Application Form for participation in the Conference

- Author’s surname, name, patronymic (no more than three authors), scientific rank, degree, position.
- Complete title of the organization (in full).
- Address for correspondence: city, index, E-mail, fax, telephone number for contacts (with indication of the code).
- E-mail
- The title of the scientific direction.
- Form of participation (with a report or without a report)

Appendix 2

EXAMPLE

SMALL OBJECTS DETECTION SYSTEMS

Ivanov I.I., Kuzmin P.P.

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ivanov@kture.kharkov.ua

The given work is devoted to the modern developments in the field of microwave devices used for measuring etc. (up to 10-15 lines).

The text of the report...

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Ukraine
- Yampolskiy V.A. – Corresponding Member. NASU, Prof.,
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NASU, Kharkiv, Ukraine