

Scope of the Symposium

Various types of nanostructures have been attracting remarkable experimental and theoretical interests over the last years. The unique chemical, mechanical, electrical, thermal, optical, and magnetic properties of nanomaterials, as well as their bioactivity, excite large expectations about their applications in nanoscale materials science, nanoelectronics, optoelectronics, photonics, and biomedical engineering. The Symposium is intended to review recent achievements of Ukrainian and German scientists in the field of basic (theoretical & experimental) and applied nanophysics, nanochemistry, materials science, and biology to discuss the advances in science and technology of nanostructured materials and push forward the corresponding studies.

The Symposium will encompass the following topics in the field of nanomaterials science and nanotechnologies:

- 1. Synthesis and preparation methods
- 2. Characterization methods
- 3. Theoretical studies and modelling
- 4. Electronic and energy transport
- 5. Magnetic phenomena
- 6. Bioactivity

The official language of the Symposium is English.

The full papers can be prepared on the basis of presented results, which will be peer-reviewed and, if accepted, published in the international journal *‘Materialwissenschaft und Werkstofftechnik’* (WILEY-VCH Verlag GmbH, Germany).

Registration and submission of the abstracts

Applicants have to send to the Organizing Committee the application form and the abstracts of contribution written according to the submission guide indicated below.

Application should contain:

- full title of the presentation;
- family and first names of authors and their affiliation;
- suggested number of the section (1–6);
- type of the contribution (lecture, oral, or poster presentation);
- address, phone and FAX numbers, e-mail.

Guide for the abstract submission

1. Abstract in English should be prepared as a single A4 page (including figures, tables, and references). **2. Type the abstract** in Microsoft Word (MSOffice 2003 format) using single-spaced 14 pt Times New Roman font. All margins should be 1 inch. **3. The title** is typed at the top of the page, using the capital letters without hyphenation. Leave two blank lines before authors' names, their addresses and affiliations. Leave two blank lines and then type the text of the abstract. **4. Formulas and figures** should be inserted in the text. **5. References** should be given in the abstract body (for example, [1]). Their list is typed leaving two blank lines after the text of the abstract.

Please submit the application form and abstract(s) as the attachments to the Secretary of Organizing Committee by e-mail:

vovch@univ.kiev.ua

Deadlines

- submission of the application form and abstract(s): June 19, 2015;
- notification of acceptance for oral and poster presentations: July 3, 2015.

Symposium dates

- September, 20th (arrival)–September, 26th (departure), 2015;
- scientific sessions will begin in the morning of September 21st (Monday) and will finish in the afternoon of September 25th (Friday).

Symposium site and accommodation

Symposium will be held in the Conference Halls of **Taras Shevchenko National University of Kyiv** (KNU) from September 21st until September 25th, 2015. Participants will be accommodated in the KNU hotel. Participants arriving from abroad to the Boryspil International Airport will be transported to the Symposium site (hotel). Please inform the Organizing Committee in advance on your flight, date and arrival time.

Accommodation and meals (breakfast, lunch, and dinner) per day cost about 45–60 Euro.

The temperature is usually around 10–15°C this time. Rain is possible.

Registration fee

Regular participants	200 Euro
PhD students	80 Euro
Accompanying persons	100 Euro
Participants (Ukraine)	400 Hrn
Students (Ukraine)	200 Hrn
Accompanying persons (Ukraine)	300 Hrn

The registration fee includes an access to scientific sessions, printed Symposium materials, coffee and refreshment during the breaks, Symposium dinner and transportation from the Boryspil International Airport to the hotel.

Registration fee should be paid upon arrival.

Symposium Organizers

- National Academy of Sciences of Ukraine (NASU)
- Taras Shevchenko National University of Kyiv (KNU)

Chairpersons

- A. Naumovets** – Institute of Physics, NASU, Ukraine
S. Komisarenko – O.V. Palladin Institute of Biochemistry, NASU, Ukraine
P. Scharff – Technical University of Ilmenau, Germany
M. Epple – University of Duisburg-Essen, Germany

Scientific Symposium Committee

- A. Burlaka** – R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, NASU, Ukraine
G. Grechnev – B.I. Verkin Institute for Low Temperature Physics and Engineering, NASU, Ukraine
V. Gusynin – M.M. Bogolyubov Institute of Theoretical Physics, NASU, Ukraine
V. Kalchenko – Institute of Organic Chemistry, NASU, Ukraine
M. Kartel – O.O. Chuiko Institute of Surface Chemistry, NASU, Ukraine
Yu. Malyukin – Institute for Scintillation Materials, NASU, Ukraine
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- O. Prymak** – University of Duisburg-Essen, Germany
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R. Stoika – Institute of Cell Biology, NASU, Ukraine
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V. Tatarenko – G.V. Kurdyumov Institute for Metal Physics, NASU, Ukraine
Z. Zyman – V.N. Karazin Kharkiv National University, Ukraine

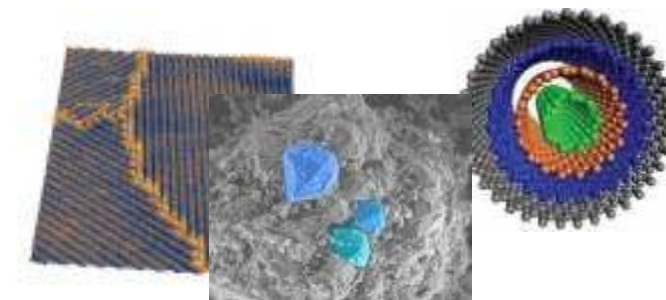
Local Organizing Committee

- Yu. Prylutskyi** (Head) – KNU, Ukraine;
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Sponsors

National Academy of Sciences of Ukraine
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Ukrainian–German Symposium on Physics and Chemistry of Nanostructures and on Nanobiotechnology



21–25 September, 2015
Kyiv, Ukraine



1st Announcement—Call for Abstracts