



7th International
Conference

En IT

NAN materials: A pplications & P roperties -2017

10-15
September,
Zatoka,
Odesa region,
Ukraine



Venue

Dates

Ruta Hotel

Address: 114 Prymorska St., Zatoka,
Odesa region, Ukraine
Web: <http://ruta-zatoka.com>

Submission opened: 01 December, 2016
Submission closed: 01 July, 2017
Program posted online: 15 August, 2017
Registration opened: 15 July, 2017
Registration closed: 07 September, 2017

Organisers

Prime Organizer: Sumy State University (Ukraine)
Supported by: Ministry of Education and Science
of Ukraine
IEEE Ukraine Section

Organizers: Lublin University of Technology (Poland)
Kaunas University of Technology (Lithuania)
Technical University of Moldova (Moldova)

Fees

Regular:	200 Euro
Regular ex-USSR:	30 Euro
Phd Student:	100 Euro
Phd Student ex-USSR:	15 Euro
Student:	50 Euro
Student ex-USSR:	10 Euro

Contacts

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 [linkedin.com/groups/Nanomaterials-
Application-Properties-4112736](https://www.linkedin.com/groups/Nanomaterials-Application-Properties-4112736)
 [facebook.com/nap.conference](https://www.facebook.com/nap.conference)



NAP Benefits

- Wide variety of actual topics and interdisciplinarity
- renowned invited speakers
- wide geography of participants
- open access Proceedings, that are promoted to well known databases
- fee discounts for students and postgraduates
- comfortable hotel (Cat B) as the conference host
- beautiful coast of the warm Black Sea and excellent sight-seen tours to Odesa
- special Ukrainian hospitality and international

Track policies

1. Properties and Characterizations of Surfaces and Interfaces

Physics and chemistry of the surfaces and interface, the practical aspect of its preparations and growth.

2. Functional Nanostructured Coatings

Methods and technologies for coating of particles and surfaces as a method of artificial design of their specific properties.

3. Nanoparticle and Nanodevice Production Technology

Techniques and methods for the nanoparticles synthesis low cost and precision, engineered nanosystems and nanoscale machines.

4. Nanopolymers and Nanocomposites: Synthesis and Applications

Ordered polymer structures, polymer layered nanocomposite, inorganic-organic hybrid systems, nanofibrous materials, high hardness WC/Co materials, nanocomposite cements.

5. Carbon Based Nanoscale Materials

The formation, physical and chemical properties of carbon nanotubes, fullerenes, carbon fibers and filaments, graphene, pyrolytic carbons, glass-like carbons, etc.

6. Nanomaterials for Energy Applications

Physics, chemistry and engineering of nanomaterials and nanodevices used in all forms of energy conversion, harvesting, storage.

7. Nanostructured Thin Films

Nanothickness and nanostructured metal and semiconductors thin films, its fundamentals, and producing methods.

8. Plasma and Ions for Surface Engineering. Radiations Effects

Physics of materials processing using ion and plasma beams, simulation and theory to surface modification of material.

9. Measurement and Analysis of Nanoscale

The advances in measurement science and technology in nano area, in particular dimensional metrology technique, identification of relevant physico-chemical properties, standards and calibration.

10. Magnetic Fine Particles and Multilayers

Magnetic properties of the nanoparticles, nanostructures, multilayers, GMR phenomena and spin dependent transport.

11. Nanomaterials Applications in Electronics, Spintronics and Photonics

Utilising the nanostructured materials in modern electronic trend, new elementary base, and new architecture of computers.

12. Nanomaterials Applications in Biotechnologies and Medicine

Bioseparations, biosensing, assay labelling, bioimaging, hyperthermia cancer treatment, targeted drug delivery and toxin removal, based on nanoparticles medical diagnostics methods.