

the 5<sup>th</sup>  
International  
Conference

NAN  materials:  
Applications &  
Properties -2015

16-23  
September,  
Lviv,  
Ukraine

## Venue

### 1. Dnister Premier Hotel

Address: 6, Mateyka St., Lviv, Ukraine  
Web: [www.dnister.lviv.ua/en](http://www.dnister.lviv.ua/en)

### 2. Lviv Polytechnic

Address: 12, Bandera St., Lviv, Ukraine  
Web: [www.lp.edu.ua/en](http://www.lp.edu.ua/en)

[Conference Map](#)

## Fees

Regular:	300 Euro
Regular ex-USSR:	70 Euro
Phd Student:	100 Euro
Phd Student ex-USSR:	25 Euro
Student:	50 Euro
Student ex-USSR:	15 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)

## Dates

Submission opened:	01 December, 2014
Submission closed:	01 June, 2015
Program posted online:	15 July, 2015
Registration opened:	24 August, 2015
Registration closed:	07 September, 2015

## Organisers

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

**Organizers:** Lviv Polytechnic (Ukraine)  
Ivan Franko National University of Lviv (Ukraine)  
Lublin University of Technology (Poland)  
Kaunas University of Technology (Lithuania)

## 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
- ✂ charming autumn city Lviv, and excellent free-time
- ✂ special Ukrainian hospitality and international convergence



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## **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.

**Learn more**  
[www.nap.sumdu.edu.ua](http://www.nap.sumdu.edu.ua)

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