



National Academy of Sciences of Ukraine  
Institute of Physics of NAS of Ukraine  
European Profiles A.E. (Greece)  
Institute of Physics of the University of Tartu (Estonia)  
University of Turin (Italy)  
Pierre and Marie Curie University (France)  
Ivan Franko National University of Lviv (Ukraine)



**International research and practice conference:  
NANOTECHNOLOGY AND NANOMATERIALS  
NANO-2015**

**26 -29 August 2015**

**Lviv, Ukraine**

**Great Conference Hall of Ivan Franko National University of Lviv**



**UNIVERSITÀ  
DEGLI STUDI  
DI TORINO**

**ALMA UNIVERSITAS  
TAURINENSIS**



**EUROPEAN PROFILES<sup>SA</sup>**



**UNIVERSITY OF TARTU**



**Ivan Franko  
National University  
of Lviv**



## *Dear colleagues!*

We are pleased to invite you to attend International research and practice conference «Nanotechnology and nanomaterials» (NANO-2015), that will be held in one of the main historical and cultural centres of today's Ukraine - Lviv, **August 26 - 29, 2014.**



We invite to take part in the conference all scientists making research in the field of nanotechnology and nanomaterials as well as in the fields combining different scientific directions.

During the conference there will be plenary sessions, oral speeches and poster presentations.

The conference will bring together leading scientists and researchers from different countries. In 2014 Organizing Committee of NANO-2014 conference received about **420 applications** from scientists from more than **20 countries** of the world.



**Thematic priorities of the conference will be the following:**

- *Microscopy of Nanoobjects;*
- *Nanostructured surfaces;*
- *Nanooptics and nanophotonics;*
- *Nanoplasmonics and surface enhanced spectroscopy;*
- *Nanochemistry and Nanobiotechnology;*
- *Nanoscale Physics;*
- *Physico-Chemical Nanomaterials Science.*

The conference focuses on the latest advances in nanosciences and nanotechnologies and promotes profound scientific discussions between scientists and researchers from different disciplines and countries.

***Working language: English***

### **Accommodation**

Conference participants can choose the hotel according to their taste and needs.

### **Important dates**

- **Registration deadline** – April 15, 2015
- **Abstract submission deadline** – May 31, 2015
- **Conference's start** – August 26, 2015
- **Conference's end** - August 29, 2015

Anyone who wants to participate in the conference must prepare an abstract (rules are posted on the conference website) and send them to the organizing committee before May 31, 2015 at the following address: [conference.nano@gmail.com](mailto:conference.nano@gmail.com). It is also possible to register online at the conference Website: <http://www.iop.kiev.ua/~nano2015/>.

You will pay only for the excursions and for the welcome party, if you want to attend them.



## Schedule

The conference will be comprised of three parts: plenary session in the morning, oral speeches in the afternoon and poster presentations in the evening. The conference will be combined with the International summer school «From fundamental research to innovations».

## Materials publication

It is planned to publish abstracts and materials of the conference. Best topics will be published in international scientific journal (*NanoScale Research Letters*) and in a Springer book dedicated to the Conference.

Abstracts will be published before the start of the conference providing that abstracts were sent in time and in proper form and fee for publication was paid before June 20, 2015. Publication fee for publication in the Book of Abstracts is:

- 300UAH for Ukrainian scientists;
- 150UAH for Ph.D.s;
- 20EUR for International scientists.

Abstracts must be in English and not exceed 1 page including pictures, tables, photos and references. You can also find the rules of abstracts preparation at the conference website: <http://www.iop.kiev.ua/~nano2015/>

## Venue

The conference will be held in Lviv, which formerly was a capital of the historical region of Galicia. Lviv is now regarded as one of the main cultural centres of today's Ukraine.

The historic city centre is on the UNESCO World Heritage List.



**Conference hall will be located in the Ivan Franko National University of Lviv.**

## Contact information:

**Organizing committee e-mail:** [conference.nano@gmail.com](mailto:conference.nano@gmail.com)

**Web-site of conference:** <http://www.iop.kiev.ua/~nano2015/>

## Organizing Committee members:

Chairman: NASU academician A.G. Naumovets, Vice-President of National Academy of Science of Ukraine

Vice-Chairman: NASU corresponding member, Prof. L.P. Yatsenko, Director of Institute of Physics, NAS of Ukraine

## International Committee:

NASU academician M.S. Brodyn, Institute of Physics, NAS of Ukraine

Prof. Gianmario Martra, University of Turin, Italy

Prof. Dr. habil. Emmanuelle Lacaze, Pierre and Marie Curie University and CNRS, France

Prof. Dr. Annemarie Pucci, Kirchhoff Institute of Physics of the Ruprecht-Karls University of Heidelberg, Germany

Prof. Dimitris Bakolas, European Profiles, Greece

NASU corresponding member A.V. Ragulia, Problems of Material Sciences Institute, NAS of Ukraine

NASU corresponding member V.N. Uvarov, Metallophysics Institute, NAS of Ukraine

Dean of Physical Faculty, Prof. Petro M. Yakibchuk, Ivan Franko National University of Lviv,

Dr. L.A. Dolgov, University of Tartu, Estonia

Chairman of Solid State Physics Department, Prof. Volodymyr B. Kapustianik, Ivan Franko National University of Lviv

## Secretary and Head of Local Committee:

Dr. O.M. Fesenko, Institute of Physics, NAS of Ukraine

## Local Committee:

NASU corresponding member A.M. Negriyko, Prof. G.I. Dovbeshko, Dr. P.P. Pogoretsky, N.P. Antonova,

Ms. A.A. Vasylenko, R.A. Nyshchyk, E.S. Kifiuk, V.V.Kavelin



## Previous Conferences

### 2nd International research and practice Conference “Nanotechnology and Nanomaterials” (NANO-2014)



*Group photo of the 2<sup>nd</sup> International Conference “Nanotechnology and Nanomaterials” NANO-2014 participants (Lviv 2014)*



*Scientific discussion with the audience*



*Report of Prof. Francesco Bonaccorso, leading specialist in graphene investigations*



*Choir of Ivan Franko National University of Lviv performs the national anthem of Ukraine*



*Excursion to the Oleskyi Castle, Lviv region*



**3rd International Summer School for young scientists  
“Nanotechnology: from fundamental research to innovations” (NANO-2014)**



*Group photo of the 3<sup>rd</sup> International Summer School participants (Yaremche 2014)*



*Director of Institute of Physics of NAS of Ukraine Prof. Leonid Yatsenko awards prizes to the winners of competition: Iryna Gryn (Pierre and Marie Curie University, France) and Claudio Magistris (University of Turin, Italy)*



*Prof. Nicolas Treps (France), Prof. Gianmario Martra (Italy), Dr. Alessandro Damin (Italy), Prof. Leonid Yatsenko (Ukraine) and Prof. Leonid Chernozatonskyi (Russia) with Prof. Galyna Dovbeshko (Ukraine) in the course of evaluation of young scientists' reports*



*Discussion with speaker*



*Hiking the path of Dovbush, Carpathians*



**1<sup>st</sup> International research and practice Conference  
“Nanotechnology and Nanomaterials” (NANO-2013),  
Bukovel 2013**



*Group photo of 1st International NANO-2013 Conference participants (Bukovel 2013)*



*Opening speech by Dr. habil. Emmanuelle Lacaze  
(France)*



*Online presentation of the Springer book with selected  
proceedings of the 1st International Summer School*



*Head of the Local Organizing committee  
Dr. O. Fesenko*



*Excursion to the city of Lviv*



2nd International Summer School  
“Nanotechnology: from fundamental research to innovations”  
Bukovel 2013



*Group photo of the 2nd International Summer School participants (Bukovel 2013)*



*Summer School participant PhD Vorokhta M. (Czech Republic) tries to play trembita*



*Plenary Session*



*The organizing committee working hard*



*PhD. Lyashchova A.G. (Ukraine)*



**1<sup>st</sup> International Summer School for young scientists  
“Nanotechnology: from fundamental research to innovations”,  
Bukovel 2012**



*Group photo of participants of the 1st International Summer School for young scientists "Nanotechnology: from fundamental research to innovations" (Bukovel 2012)*



*Interview with Prof. Dr. Thomas A. Klar, Director of the Institute of Applied Physics, Johannes Kepler University of Linz, Austria*



*At the lecture during the 1st International Summer School*



*Summer School participants on the background of the monument, which is a symbol of the geographical center of Europe (Rakhiv district)*



*Closing ceremony of the 1st International Summer School for young scientists "Nanotechnology: from fundamental research to innovations"*