



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-2016

24–27 August 2016

Lviv, Ukraine

Great Conference Hall of Ivan Franko National University of Lviv



UNIVERSITÀ
DEGLI STUDI
DI TORINO

ALMA UNIVERSITAS
TAURINENSIS



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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-2016), that will be held in one of the main historical and cultural centres of today's Ukraine - Lviv, **August 24 - 27, 2016.**



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 made plenary sessions, oral speeches and poster presentations.

The conference will bring together leading scientists and researchers from different countries. In 2015 Organizing Committee of NANO-2015 conference received about **600 applications** from scientists from more than **20 countries** of the world.



Thematic priorities of the conference will be the following:

- *Nanoobjects microscopy*
- *Nanocomposites and nanomaterials*
- *Nanostructured surfaces*
- *Nanooptics and photonics*
- *Nanoplasmonics and surface enhanced spectroscopy*
- *Nanochemistry and biotechnology*
- *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, 2016
- **Abstract submission deadline** – May 15, 2016
- **Conference's start** – August 24, 2016
- **Conference's end**- August 27, 2016

Anyone who wants to participate in the conference must register and prepare an abstract (rules are posted on the conference website) and send them to the organizing committee before May 31, 2016 at the following address: conference.nano@gmail.com. Abstracts submitted to other e-mail(s) will not be considered. Registration is available online at the conference Website: <http://www.iop.kiev.ua/~nano2016/>.

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, 2016. Publication fee for publication in the Book of Abstracts is:

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

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/~nano2016/>. Abstract that do not meet requirements presented on our web site will not be considered.



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

Web-site of conference: <http://www.iop.kiev.ua/~nano2016/>

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. Bouchta Sahraoui, University of Angers, UFR Sciences, Institute of Sciences and Molecular Technologies of Angers, 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,

NASU corresponding member Roman E. Gladyshevskii, Ivan Franko National University of Lviv, Ukraine

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. Nyshchuk, E.S. Kifiuk, V.V.Kavelin

Previous Conferences

3rd International research and practice Conference “Nanotechnology and Nanomaterials” (NANO-2015)



Group photo of the 3rd International Conference “Nanotechnology and Nanomaterials” NANO-2015 participants (Lviv 2015)



Scientific discussion with the audience



Report of Prof. Thomas Klar (Austria)



Ivan Franko National University of Lviv violin ensemble performs



Excursion to the Museum of Folk Culture and Rural Life in Lviv.

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



Group photo of the 2nd 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 3rd 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

**1st 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)

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



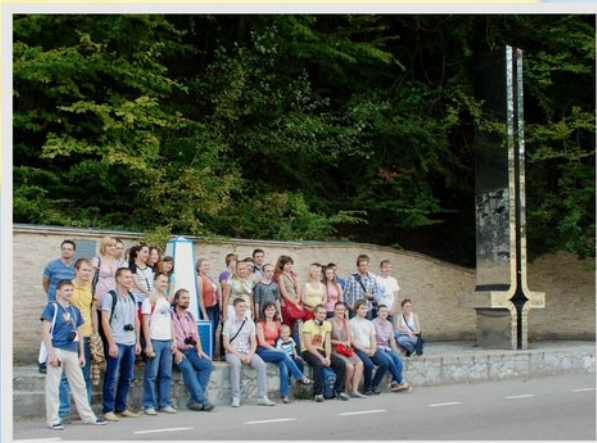
Group photo of participants of the 1st International Summer School for young scientists "Nanotechnology: from fundamental research to innovations" (Bukovel 2012)



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"