



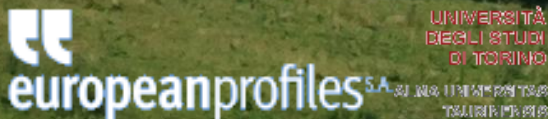
National Academy of Sciences of Ukraine  
 Institute of Physics of NAS of Ukraine  
 European Profiles A.E. (Greece)  
 Institute of Physics of the University of Tartu (Tartu, Estonia)  
 University of Turin (Turin, Italy)  
 Pierre and Marie Curie University (Paris, France)

**II International summer school for young scientists:**

**NANOTECHNOLOGY: FROM FUNDAMENTAL RESEARCH TO INNOVATIONS**

**25 August – 1 September 2013  
 Bukovel**

**Radisson Blu Resort Hotel**



Summer school

*The School is held under the FP7 Nanotwinning project*

**NANOTECHNOLOGY: FROM FUNDAMENTAL RESEARCH TO INNOVATIONS 2013**  
[www.iop.kiev.ua/~nanotwinning/](http://www.iop.kiev.ua/~nanotwinning/)



## Dear colleagues!

We invite you to participate in the International Summer School “NANOTECHNOLOGY: from fundamental research to innovations”. Summer school will be held in one of the most picturesque places of Ukrainian Carpathians - Bukovel, Ukraine from August 25 to September 1, 2013.



Participation in the summer school will open the opportunity for young scientists to listen to a series of lectures on the fields of Nanosciences & Nanotechnologies. Scientists of worldwide reputation from universities and research centres from Ukraine and Europe will share their knowledge and experience in the format of lecture presentations and roundtable discussions. Also participation in the school will open the following opportunities:

- Expanding knowledge and scientific understanding
- Consultations of famous scientists from various fields of science and technology
- Acquaintance with nanotechnology in interdisciplinary fields of science
- Presentation of research results of young scientists in the form of oral reports and its discussion with experienced researchers
- Advice on research results publishing
- Understanding of modern “From theory to practice” process
- Development of scientific search of the person, openness to new ideas and creativity in their implementation
- Establishment of professional relationships for future career opportunities
- Experience in participation in international scientific activities and programs, in FP7 in particular

And also:

- Participation in social programme, acquaintance with hutsuls traditions, historical moments of Ukraine
- Acquaintance with Bukovel resort, the best resort of Ukrainian Carpathians!





## Venue



The conference will be held in Bukovel, which is Ukrainian modern ski resort at the bottom of Carpathian mountain, not far from city of Ivano-Frankivsk, about 30 km west from town of Yaremche. Resort has 14 chair lifts, more than 50 km. of routes (routes from



beginners to advanced). Bukovel is one of the best modern SPA resorts of Ukrainian Carpathians.



In the spare time participants will be able to enjoy unique beauty of picturesque mountains and woods, lake, crystal murmur of streams and Prutets river.



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Conference hall will be located in the Radisson Blu Resort Hotel, as well as coffee-brakes, lunches and Conference Dinner. In the hotel there will be free Wi-Fi.

### Thematic priorities of the International Summer School for young scientists "NANOTECHNOLOGY: from fundamental research to innovations":

- *Microscopy of nanoobjects*
- *Nanocomposites*
- *Nanostructured surfaces*
- *Nanooptics*
- *Nanoplasmonics and surface enhanced spectroscopy*
- *Possibilities for young scientists in the participation in FP7 Programme of EU.*



## Summer school schedule

Each working day will be devoted to one of thematic areas of the school. First half of the day will be dedicated to lectures. After lunch it is planned to listen to reports of young scientists and discuss them with lecturers and other participants of the school. Four days of the school (26-28 August) will be organized according to this schedule; from 29 August to 1 September the school will be conducted in the more extended format – as an international conference.

Due to the fact that the main concept of the International summer school is enhancement of scientific skills of young scientists and their acquaintance with scientific achievements in thematic areas of the summer school, participants of the school (young scientists) are obliged to attend all lectures and presentations of the school (of first and second half of the day) irrespective of the scientific section they are reporting in.

**Working language: English**

We invite to take part in the International summer school «Nanotechnology: from fundamental research to innovations» young scientists **under 36** from different countries of the world: **PhDs, postgraduates, researchers, engineers etc.**

## Grants for young scientists

Young scientists will be provided by grants that will allow their participation in lectures and round table discussions, printed program and materials, book of abstracts, accommodation in "Patkovski Hotel" with three meals a day. The grant will not be paid in monetary form and will not cover transportation expenses.

## Accommodation

Participants of Summer School will stay at a modern comfortable "Patkovski Hotel" with beautiful views of Bukovel and Sinyak mountains.

## Important dates

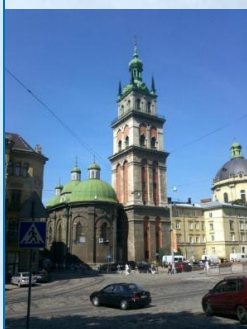
- **Registration deadline** – May 15, 2013
- **Abstract submission deadline** – May 15, 2013
- **Publication of the participants list** – June 15, 2013
- **Summer school start** – August 26, 2013
- **Summer school end** – September 1, 2013

## What Should Prepare?

Anyone who wants to participate in International summer school must **online register** on website: [www.iop.kiev.ua/~nanotwinning/iss2/](http://www.iop.kiev.ua/~nanotwinning/iss2/) and prepare an abstract (rules are posted on the summer school website) and CV (with personal data, information about education, labor activity, scientific researches and list of scientific works) and send them to the organizing committee by mail: [nano.bukovel.2012@gmail.com](mailto:nano.bukovel.2012@gmail.com) before **April 15, 2013**.

## Excursion

In the check-in day, August 25, a trip to the mountains is planned. In the last day of the school, September 1, an excursion to the ancient city of Lviv will be organized. The historic city centre is on the UNESCO World Heritage List. You will pay for the excursion to Lviv, if you want to take part in it.





Organizing Committee will review submitted materials and will **select the 30 participants** on a competitive basis. List of the participants will be published **before June 15, 2013** on the website of International summer school “NANOTECHNOLOGY: from fundamental research to innovations”.

**Organizing committee e-mail: [nano.bukovel.2012@gmail.com](mailto:nano.bukovel.2012@gmail.com)**

**Website of the international summer school:**

**[www.iop.kiev.ua/~nanotwinning/iss2/](http://www.iop.kiev.ua/~nanotwinning/iss2/)**

### **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

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

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

Prof. Dimitris Bakolas, European Profiles

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

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

### **Secretary:**

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

### **Local Committee:**

NASU corresponding member A.M. Negriyko, Prof. V.N. Poroshin, Prof. V.N. Kharkyanen, Prof. G.I. Dovbeshko, Dr. P.P. Pogoretsky, Mrs. N.P. Antonova, Mr. E.S. Kifyuk, Ms. L.U. Kulichova, Mr. R.A. Nyshchyk

*At the picture: participants of I International summer school «Nanotechnology: from fundamental research to innovations», 2012.*

