



## To representatives of research institutions, universities, industry, SMEs, consultancy and others

We invite you to participate in EU-Ukraine Partnership Information Day "**HORIZON 2020 and R&D&I in Nanotechnology and Advanced Materials**" which will be held in Warsaw at the Institute of High Pressure Physics of the Polish Academy of Sciences on **23 September 2013**.

**Organizers:** V. Bakul Institute of Superhard Materials NAS of Ukraine (ISM),  
Institute of High Pressure Physics of the Polish Academy of Sciences (UNIPRESS),  
Polish National Contact Point for Research Programmes of the European Union (KPK).

The Information Day is supported by the FP7 project **START** (<http://www.start.ism.kiev.ua>) «Boosting EU-Ukraine cooperation in the field of Superhard Materials», the project coordinator – ISM, project partner – UNIPRESS. Activity of NCP Poland is supported from EU FP7 project "**NMP TeAm2**" (<http://www.nmpteam.com>).

### The main objectives of the Information Day:

- To present the structure and main features of the new EU funding program for research and innovation HORIZON 2020, including role and place of the thematic priority "Nanotechnologies, advanced materials and new production technologies" in the program.
- To inform the research and industrial communities in EU and Ukraine about the START project outcome;
- To present EU-Ukraine collaboration opportunities under HORIZON 2020 in the Nanotechnology and advanced materials areas.
- To discuss how to create common international projects with SMEs and research institutions.

### The format of the Information Day:

- Presentations of representatives of project START,
- Useful information from the FP7 NCPs (Poland and Ukraine),
- Presentations of scientific and technological and project potential of the Info Day's participants,
- Discussion of joint action plan on preparation of project proposals to the program HORIZON 2020.

### Organizational aspects of the Information Day:

Participation in the Information Day is free of charge. Participants cover at their own expense their costs related to the travel and accommodation in Warsaw. In order to register, it is necessary to complete the online form till 2013/09/16/ at the link:

<https://docs.google.com/forms/d/19kBj9DZlkdUIJEh0TTkIPi3KQpURrk1ovI0yf8g4TZI/viewform>

### Location of the Information Day:

23 September – from 10.00 till 16.00. Registration from 10.00.

Address: Sokolowska 29/37, 01-142 Warsaw, POLAND

How to reach: <http://www.unipress.waw.pl/images/stories/35lat/dojazd-sokolowska.jpg>

### Contact Information:

- NGO «Agency of European Innovations» President Kulchytsky Ivan,  
tel.: 050 92 92 396, Email: [kul.ivan@gmail.com](mailto:kul.ivan@gmail.com)

### Useful links about Warsaw

Warsaw Tourist Information

<http://www.warsawtour.pl/en/warsaw-essentials/tourist-information/warsaw-tourist-information-1809.html>

Warsaw Essentials

<http://www.warsawtour.pl/en/niezb-dnik.html>

**Yours faithfully, organizing committee of the Information Day**



## Draft agenda of the Info day in Warsaw:

**Date:** 23 September 2013-06-24

**Venue:** Unipress

**Time:** 10.00-15.00 (or 16.00)

**Time for presentations:** 10.00-13.00 (or 14.00)

**Time for the excursion on laboratories of the Unipress:** after presentations.

### Main presentations:

- “Overview activities of the project “Boosting EU-Ukraine cooperation in the field of superhard materials”  
*Prof. Dr. Vladimir Z. Turkevich, Vice-Director Institute for Superhard Materials of the National Academy, Ukraine*
- Nanotechnologies, advanced materials and new production technologies in HORIZON 2020,  
*Jaroslav Piekarski, NCP Poland (KPK), Poland*
- Support to international cooperation within NMPTeAm2 project  
*Malgorzata Kapica, NCP Poland (KPK), Poland*
- “EU-Ukraine collaboration opportunities under HORIZON 2020 in the Nanotechnology and advanced materials areas”  
*Ivan Kulchytsky, President of the "Agency Europeans innovations", Ukraine*
- Computer simulation of production technologies and mechanical behavior of composite materials  
*Prof.Dr. Vladimir I. Kushch Volodymyr, Institute for Superhard Materials of the National Academy", Ukraine*
- HPHT-sintering of advanced diamond-containing composites  
*Dr. Aleksandr Osipov, Institute for Superhard Materials of the National Academy, Ukraine*

### Open Discussion about project proposals to the program HORIZON 2020

#### Additional information.

The V.N. Bakul Institute for Superhard Materials (ISM) was established in Kiev in 1961 on the basis of the Central Technological Bureau of carbide tools and its pilot plant with the aim to develop a process of commercial synthesis of diamond and other superhard materials (SHM) and tools made of them. Since then it has been transformed to a leading research institute in the field of Superhard Materials and its highly qualified scientific personnel, developed a wide range of fixtures and arrays with operating range of pressures from 5 up to 20 GPa and temperatures from 500 to 3.000K, and scientific equipment, including among others a tunnel microscope, spectrometry. The institute intellectual property is compounded by 125 monographies, more than 7 thousand scientific articles and more than 3 thousand authorship certificates and patents, 198 of which are received over the last 5 years. The institute concludes and executes 20 license agreements.

The aim of the ISM Research Strategy 2020 is a long-term development and updating of the ISM in accordance with the European requirements and standards.

We recommend you to read information materials about START Project.

START project identity:

<http://www.start.ism.kiev.ua/english>

Description of leading research departments and scientific groups of ISM:

<http://www.start.ism.kiev.ua/english/index.php?i=10>

Examples of ISM cooperation with European organizations:

<http://www.start.ism.kiev.ua/english/index.php?i=55>