

German-Ukrainian polyphony of scientific innovations: Hearing young voices

Date: 21 September 2016

Venue: Impact Hub Berlin, Friedrichstrasse 246, 10969 Berlin, Germany

Organisers: German-Ukrainian Academic Society/ The UKRAINE Network, in cooperation with the MitOst e.V. and supported by the Ukrainian Embassy in Germany

Contact: Head of the Contest Coordination Committee [Dr Denys Makarov](#), Research Group Leader, Helmholtz-Zentrum Dresden-Rossendorf (HZDR), d.makarov@hzdr.de, organizational support: Dr Oksana Seumenicht (scientists4ukraine@gmail.com)

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Register by 17 September: Dr Olesia Lazarenko (lazarenko.olesia@gmail.com)

This event will be carried in English.

18:00 Welcome and Opening Remarks:

- **Dr Oksana Seumenicht**, The German-Ukrainian Academic Society/ The UKRAINE Network
- **Mr Oleg Mirus**, Minister-Counsellor, the Ukrainian Embassy in Germany

18:10 – 18:40 PHD THESIS PRESENTATION CONTEST

Finalists – Ukrainian PhD students carrying out their PhD research in Germany:

- **Oksana Huss** (University of Duisburg-Essen, Political Science):
“Opening the Black Box of Systemic Corruption”
- **Mykhailo Dumchev** (Leuphana University; Atomic Physics):
“Detecting Sub-atomic Particles: How we do this and why it is Important”
- **Olena Lenchuk** (TU Darmstadt; Materials Science):
“How can we Design Advanced Engineering Materials?”
- **Myroslav Kryven** (Würzburg Universität; Mathematics):
„Mathematical Models to Explain and Influence Patterns in Nature”
- **Anna Grebinyk** (Wildau TU of Applied Sciences; Biotechnology):
“Nanofootball Against Cancer”
- **Oleh Vovk** (FU Berlin; Law):
„Don't Hate the Rainbow”

This event has been organised within the framework of the UkraineLab Forum „UkraineLab: Playing Polyphony of the Society. Exploring the European Identity”.

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The full programme of the forum as well as additional information about other events can be found at:
<https://www.facebook.com/UkraineLab>.

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18:40 – 19:30 PRESENTATIONS OF YOUNG SCIENTISTS

- **Dr Volodymyr Dekhtyarenko** (G.V. Kurdyumov Institute for Metal Physics, NAS of Ukraine, Kyiv, Ukraine, the **winner** of the Young Scientists Competition, carried out by the Foundation for Fundamental Research in Ukraine, 19 May 2016):
“Novel Hydrogen Storage Materials for the Environmentally Friendly Vehicles”
The work is directed to solve an important problem of hydrogen energetics: development of materials for safe storage and transportation of hydrogen, which will make available the environmentally friendly energy for industry and transport and may significantly contribute to the energy independency of Ukraine in the future.
- **Dr Viktor Kyrychenko** (Zhytomyr Ivan Franko State University, Ukraine; Sociology; the finalist of the Young Scientists Competition, carried out by the Foundation for Fundamental Research in Ukraine, 19 May 2016):
“Ukraine on the Way to Inclusive Society”
This talk will discuss the methodological rationale for the formation of an inclusive society, in particular the ideas of inclusive education and integration of persons with special needs into the social environment.
- **Dr Kateryna Loza** (University of Duisburg-Essen, Germany):
“On the Behavior of Silver Nanoparticles in Complex Media”
In this talk the behavior of engineered nanoparticles of silver under conditions of biological environments and the potential impact of their transformations on the particles distribution in the environment, bioavailability, and toxicity potential will be discussed.
- **Dr Andrii Malenko** (Glushkov Institute of Cybernetics, High Performance Computing Laboratory, Kyiv, Ukraine; invited speaker at the Young Scientists Competition, carried out by the Foundation for Fundamental Research in Ukraine, 19 May 2016)
“Pixelated Realities: Preservation of Cultural Heritage”
In this talk the application of digital photography and supercomputing technologies to create exact 3D models of ancient monuments, buildings and city squares will be presented. The models have been used for building reconstruction, recreation of lost heritage and virtual tourism.

19:30 – 19:40 **ANNOUNCEMENT OF THE WINNERS** of the PhD Thesis Presentation Contest and conferring of the certificates and prizes

19:40 – 20:00 **KEYNOTE TALK** by Prof. Yury Gleba (Nomad Bioscience GmbH):
“Plants as molecule factories”

20:00 – 21:00 **INFORMAL NETWORKING GET-TOGETHER**

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