

Humboldt Kolleg “National Policies in Support of Research Excellence”

Dedicated to the 60th anniversary of the Alexander von Humboldt Foundation

Sofia, December 5-7, 2013

Program

Thursday, 5 December 2013, Sheraton Hotel Balkan Sofia, Serdika Hall

9:30 – 10:00 Opening

Session 1. Importance of excellence in research

Chair: Nikolay Lazarov, Medical University Sofia, Bulgaria

10:00 – 10:30 Georgi Vayssilov, University of Sofia, Bulgaria,
President of the Humboldt Union in Bulgaria

“Current problems and perspectives for research excellence in Bulgaria”

10:30 – 11:00 Helmut Schwarz, Technical University Berlin, Germany
President of the Alexander von Humboldt Foundation

“Young and talented - with no prospects? Excellence in research depends on promoting junior researchers”

11:00 – 11:30 Coffee break

11:30 – 12:00 Ivan Krastev
Deputy Minister of Education and Science, Bulgaria

“Research and Innovation Agenda of Bulgaria 2020”

12:00 – 12:30 Christian Schaich, DFG, Germany

“The DFG and its Funding Schemes with Particular Attention to the Excellence Initiative”

14:00 – 15:30 Round table discussion “Importance of excellence in research and successful national policies for its support”

Moderators: Radka Kaneva, Medical University Sofia, and Krum Bachvarov, Bulgarian Academy of Sciences, Bulgaria

15:30 – 16:00 Coffee break

16:00 – 17:30 Round table discussion “National priorities for support of research excellence in Bulgaria”

Moderators: Ilza Pajeva and Petar Kenderov, Bulgarian Academy of Sciences, Bulgaria

Friday, 6 December 2013, Bulgarian Academy of Sciences, Main Hall

Session 2. Research excellence

Chair: Yuri Kalvachev, Bulgarian Academy of Sciences, Bulgaria

9:30 – 10:00 Klaus von Klitzing, Max Planck Institute for Solid State Research, Germany

“A new kilogram in 2016?”

10:00 – 10:30 Joachim Sauer, Humboldt University of Berlin, Germany

“Atomistic understanding of molecule - surface interactions - Sorption and catalysis”

10:30 – 11:00 Konstantin Hadjiivanov, Bulgarian Academy of Sciences, Bulgaria

“Isotopically labelled molecular probes for FTIR spectroscopic characterization of surfaces. Recent achievements”

11:00 – 11:30 Coffee break

Chair: Kamen Dimitrov, Bulgarian Academy of Sciences, Bulgaria

11:30 – 12:00 Harald Baayen, Eberhard Karls University Tübingen, Germany

“The myth of cognitive decline”

12:00 – 12:30 Krum Bacvarov, Bulgarian Academy of Sciences, Bulgaria

“Whither Archaeological Science in Bulgaria: An assessment of bioarchaeological and archaeometric research, and archaeological restoration”

Chair: Savcho Tinchev, Bulgarian Academy of Sciences, Bulgaria

14:30 – 15:00 Wolfgang Schleich, University of Ulm, Germany

“Quantum theory viewed from Wigner phase space”

15:00 – 15:30 Nikolay Vitanov, University of Sofia, Bulgaria

“Quantum information science in Bulgaria”

15:30 – 16:00 Coffee break

Chair: Svetla Bogdanova, University of Sofia, Bulgaria

16:00 – 16:30 Dimo Platikanov, University of Sofia, Bulgaria

“History of the Alexander von Humboldt Foundation”

16:30 – 17:30 Heidi Förster, Alexander von Humboldt Foundation

“Presentation of the programs of the Alexander von Humboldt Foundation”

Saturday, 7 December 2013, Bulgarian Academy of Sciences, Main Hall

Session 2. Research excellence

Chair: Radka Argirova, Tokuda Hospital, Bulgaria

9:30 – 10:00 Alben Jordanova, University of Antwerpen, Belgium

“Comparison between support of excellent research in Belgium and Bulgaria”

10:00 – 10:30 Angela Piegari, Italian National Agency for New Technologies, Energy and the Sustainable Development, Italy

“Optical Coatings at ENEA and Photonics Initiatives in Italy”

10:30 – 11:00 Sonja Selenska-Pobell, Forschungszentrum Rossendorf, Germany

“Microorganisms from extreme environments as templates for metallic nanoparticles”

11:00 – 11:30 Concluding discussion and acceptance of final document

11:30 – 11:40 Closing of the Kolleg