

RESSOURCEN DER DONAU-REGION: MÖGLICHKEITEN ZUR NUTZUNG UND  
ZUSAMMENARBEIT

RESOURCES OF DANUBIAN REGION: THE POSSIBILITY OF COOPERATION AND  
UTILIZATION

June 12-15, 2013

PROGRAMM / PROGRAMME

**Mittwoch / Wednesday, 12/6/2013**

Belgrader Universität, Rektorat/ University of Belgrade  
Hall A  
Address: Studentski trg 1

17:00	Anreise / Arrival
18:00-19:30	Anmeldung / Registration <i>Fotoausstellung „Die Donau – Made in Germany“/ Exhibition: „The Danube - Made in Germany“</i>
19:30-21:00	Empfang auf Einladung des Botschafters der Bundesrepublik Deutschland in Serbien Reception organized by German Ambassador in Serbia

**Donnerstag / Thursday, 13/6/2013**

Serbische Akademie der Wissenschaften und Künste, SAWK, Festsaal  
Serbian Academy of Sciences and Arts, Festive Hall  
Address: Knez Mihailova 35/II

9:00-10:00	Anmeldung / Registration
10:00-10:30	Eröffnung und Begrüßungsworte / <b>Opening Ceremony</b> Chairperson: Prof. Dr. Luka C. Popović
10:30-11:00	Prof. Dr. Erhard Busek, Vorstandsvorsitzender Institut für den Donauraum und Mitteleuropa (IDM), Austria: <i>Regional cooperation as a precondition for ecologic sustainability</i>
11:00-11:30	Kaffeepause / Coffee Break
	Session 1: Ecological integrity and water management in the Danube river basin Chairperson: Prof. Dr. Jovan Jovanović
11:30-12:00	Prof. Dr. Jan Schwarzbauer, Institute of Geology and Geochemistry of Petroleum, Germany: <i>Organic pollutants in rivers</i>
12:00-12:30	Prof. Dr. Vidojko Jović, SANU, Serbia: <i>Trace elements in recent sediments of the Danube river in Eastern Serbia and environmental impact</i>
12:30-13:00	Prof. Dr. Fritz H. Frimmel, Karlsruhe Institute of Technology, Germany: <i>Water Quality - Basis For Life</i>
13:00-13:30	Prof. Dr. Branimir Jovančičević, University of Belgrade, Serbia: <i>Oil pollution in Danube Region (Serbia)</i>
13:30-14:30	Lunch Break

**Belgrader Universität, Rektorat, Festsaal (Saal A und Saal B) / University of Belgrade (Hall A and Hall B)**

Address: Studentski trg 1

	Hall A	Hall B
	<b>Session 2: Renewable energy resources in the Danube Region</b> Chairperson: Prof. Dr. Mirko Komatina	<b>Session 3: Remarkable importance of Danube area: archeology and history</b> Chairperson: Academician Prof. Dr. Ljubomir Maksimović
14:30-15:00	Prof. Dr. Zoya Popović, University of Colorado at Boulder, USA: <b>Approaches for reducing power consumption for wireless communications</b>	Prof. Dr. Nenad Tasić, University of Belgrade, Serbia: <b>The Vinča Project – regional implications</b>
15:00-15:20	Prof. Dr. Riscard Marschalko, Technical University of Cluj, Romania: <b>Application possibilities in the trans Danubian region of the low and medium power processors for grid and user-friendly energy conversion</b>	Prof. Dr. Dietmar Goltschnigg, Karl-Franzens-Universität Graz, Austria: <b>Die Aktualisierung von „Robert Musils „KAKANIEN“ im heutigen (Mittel)-Europäischen Kontext</b>
15:20-15:40	Dr. Dejan Đurović, University of Belgrade, Serbia: <b>Utilization of baled biomass for energy purposes in Serbia, and possible reflection on countries of Danubian region</b>	Prof. Dr. Miroslav Marić, SANU, Serbia: <b>The Vinča culture – climate and environment in the Danube region in the 6th and 5th millenium B.C.</b>
15:40-16:00	Prof. Dr. Srećko Stopić, Technische Hochschule Aachen, Germany: <b>Critical metals and their importance in modern life</b>	Prof. Dr. Milcho Tsvetkov, Institute of Astronomy with NAO, Sofia, Bulgaria: <b>Preservation of the historical astronomical observations of the Danube countries</b>
16:00-16:15	Denitca Zgureva, Technical University of Sofia, Bulgaria: <b>Utilization of fly ash byproducts from the coal combustion in environmental protection systems</b>	Dr. Petru Enciu, Institute of Geography of Romanian Academy, Bucharest, Romania: <b>Lower Danube Valley - Structure and the Evolution along the Romania-Serbia boundary</b>
16:30	<b>Bus transfer to the boat</b>	
17:00-21:00	<b>„Geniessen Sie die Donau“ - Kulturelles Programm auf dem Schiff, Kreuzfahrt auf der Donau / „Enjoying with Danube“ - Cultural program at the boat, cruise on the Danube</b>  Dr. Zoran Živković, Autor des Buches Die Fünf Wunder der Donau / Dr. Zoran Živković, the author of The Five Wonders of the Danube Dr. Đorđe S. Kostić, Autor des Buches "Donau von Bezdan nach dem Belgrad" / Dr. Đorđe S. Kostić the author of the „By Danube from Bezdan to Belgrade“ Dragoljub Zamurović der Autor der Ausstellung „Dunav-made in Germany“ / Dragoljub Zamurović the author of the exhibition „Dunav-made in Germany“	

**Freitag / Friday, 14/6/2013**

**Belgrader Universität, Rektorat, Festsaal (Saal A und Saal B) / University of Belgrade (Hall A and Hall B)**

Address: Studentski trg 1

	Hall A	Hall B
	<b>Session 4: Danube Region Integration in Education and Science</b> Chairperson: Prof. Dr. Banimir Jovančičević	<b>Session 5: Cultural Heritage and its Diversity: Danube Region Development Potential (Part 1)</b> Chairperson: Prof. Dr. Gordana Jovanović
9:30-10:00	Prof. Dr. Yurii Naidyuk, B.Verkin Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine: <b>Nanophysics - wealth "at the bottom"</b>	Prof. Dr. Tatjana Cvjetičanin, National Museum, Belgrade, Serbia: <b>Frontiers of Roman Empire World Heritage Site - potential nomination of the Danube river frontier of</b>

		<b>Moesia Superior</b>
10:00-10:20	Dr. Oksana Kvitnitskaya, National Academy of Sciences of Ukraine: <i>Point-contact spectroscopy of modern superconductors</i>	Srdan Gavrilović, dipl.ing, A+ ARCHITECTURE, Belgrade, Serbia: <i>Belgrade at the confluence of influences</i>
10:20-10:40	Prof. Dr. Darko Modun, University of Split School of Medicine, Croatia: <i>Oxygen - medication with side effects</i>	Dr. Biljana Stanković, Department of Psychology, Faculty of Philosophy, University of Belgrade: <i>Medical practice in transition: The case of Serbian maternity care services and their users</i>
10:40-11:00	<b>Kaffeepause / Coffee Break</b>	
	<b>Sessions 4 and 5, continued</b>	
11:00-11:20	Prof. Dr. Dorel Banabic, Technical University of Cluj Napoca, Romania: <i>Trends in virtual manufacturing</i>	Prof. Ulrich Hambach, University of Bayreuth, Bayreuth, Germany : <i>Danube loess – the best preserved European terrestrial record of climatic and environmental changes during the last one million years</i>
11:20-11:40	Prof. Dr. Milka Glavendekić, Faculty of Forestry, University of Belgrade: <i>Scientific and educational cooperation between Germany and Serbia in the field of environmental protection</i>	Aleksandar Krstić, dipl. Istorič, OŠ Filip Filipović, Belgrade: <i>Danube as a geopolitical and cultural factor of divisions and merging between Central and South-Eastern Europe</i>
11:40-12:00	Prof. Dr. Dan Lucian Dumitrascu, Medical faculty, University Cluj, Romania: <i>Teaching medical communication to improve the curricula of medical students and the practical skills</i>	Prof. Dr. Lora Taseva, Bulgarian academy of sciences, Sofia, Bulgaria: <i>Bulgarische und serbische Parallelübersetzungen aus dem Griechischen im Mittelalter</i>
12:00-13:30	<b>Mittagessen / Lunch</b>	
	<b>Session 6: Health and Humanity Issues in the Danube Region (Part 1)</b> Chairperson: Prof. Dr. Marija Gavrović-Jankulović	<b>Session 7: Cultural Heritage and its Diversity: Danube Region Development Potential (Part 2)</b> Chairperson: Prof. Dr. Slobodan Savić
13:30-14:00	Prof. Dr. Marta Ljubešić, University of Zagreb, Croatia: <i>Early childhood intervention: can we cooperate better?</i>	Prof. Dr. Miroslava Mirković, University of Belgrade, Serbia: <i>Die Donau als Grenze und Verbindungslinie zwischen Völkern und Nationen</i>
14:00-14:20	Prof. Dr. Jasmina Marković-Lipkovski, University of Belgrade, Serbia: <i>Morphology of Balkan endemic nephropathy: Current state for the last 10 years</i>	Dr. Đorđe S. Kostić, Institute for Balkan Studies SASA, Serbia: <i>Das enzyklopädische Bild der Donau im 18. und 19. Jh.</i>
14:20-14:40	Prof. Dr. Claudia Müller, University of Tübingen, Germany: <i>HLA and disease susceptibility</i>	Dr. Milica Tapavički-Ilić, Institute of Archaeology, Belgrade, Serbia: <i>Viminacium – archäologischer Park, Entwicklung und Perspektive</i>
14:40-15:00	Prof. Dr. Zoran Stajčić, Dental/Medical Center for Maxillofacial Surgery «Beograd-centar» Belgrade, Serbia: <i>Dental implants on a global market</i>	Prof. Dr. Marian Jaskula, Jagiellonian University, Krakow, Poland: <i>Jagiellonian University in Cracow and its experiences in implementation of Bologna Regulations</i>
15:00-15:20	Dr. Dessislava Jereva, Institute of Biophysics and	Dr. Miodrag Vukčević und Prof. Dr. Zoran

	Biomedical Engineering, Sofia, Bulgaria: <b><i>Comparative study of human estrogen receptor alpha structural complexes for the purposes of virtual ligand screening</i></b>	Žiletić, University of Belgrade, Belgrade, Serbia: <b><i>Das pannonische Atlantis oder verlorenes Kulturgut der deutschen Minderheit an der serbischen Donau</i></b>
15:20-15:40	Prof. Dr. Thomas Griesbacher, Medical University of Graz, Austria: <b><i>Pharmacology in Europe</i></b>	Prof. Dr. Eva Jakab, Szeged University, Hungary: <b><i>Rechtshistorische Wurzeln des Europäischen Privatrechts: Wissenschaftliche Zusammenarbeit und Nachwuchsförderung im internationalen Netzwerk</i></b>
15:40-16:00	<b>Kaffeepause / Coffee Break</b>	
	<b>Session 8: Environmental, Agricultural and Food Issues in the Danube Region</b> Chairperson: Prof. Dr. Slobodan Marković	<b>Session 9: Health and Humanity Issues in the Danube Region (Part 2)</b> Chairperson: Prof. Dr. Jasmina Marković-Lipkovski
16:00-16:30	Prof. Dr. Marc Hanewinkel, Swiss Federal Research Institute WSL, Switzerland: <b><i>Impact of climate change to European ecosystems – the example of forest ecosystems</i></b>	Prof. Dr. Gerhard Müller, Univ. Göttingen, Medizinische Fakultät, Germany: <b><i>Metabolic Syndrome - an increasing problem worldwide</i></b>
16:30-17:00	Prof. Dr. Goran Vladislavljević, Loughborough University, UK: <b><i>Production of biodiesel: resources of the Danube Region</i></b>	Prof. Dr. Spiro Konstantinov, University Sofia, Bulgaria: <b><i>Recent oncopharmacological research activities as basic for drug development</i></b>
17:00-17:30	Prof. Dr. Ida Leskošek-Čukalović, University of Belgrade, Serbia: <b><i>Beer function properties</i></b>	Prof. Dr. Nikolai Lazarov, Medical University, Sofia, Bulgaria: <b><i>Body Explorer 3.0: An interactive multilingual web system for studying cross-sectional anatomy</i></b>
17:30-17:50	Dr. Ivana Ivančev-Tumbas, University Novi Sad, Serbia; Dr. Ralph Hobby, University Duisburg - Essen: <b><i>Organic pollutants in water-challenges and opportunities</i></b>	Prof. Dr. Davor Štimac, Division of Gastroenterology, Croatia: <b><i>Obesity as a growing problem in our region</i></b>
17:50-18:10	Dr. Jelena Nedeljković, University of Belgrade, Serbia: <b><i>Management of natural protected areas in Serbia - National Park Djerdap</i></b>	Prof. Dr. Ljiljana Gojković-Bukarica, University of Belgrade, Serbia: <b><i>The beneficial effects of plant polyphenols on human health</i></b>
18:10-18:30	Prof. Dr. Slobodan Jović, University Belgrade, Serbia: <b><i>Wine: Symbolic and real significance</i></b>	Assist. Dr. Janko Samardžić, University of Belgrade, Serbia: <b><i>Behavioral characterisation of trans-resveratrol effects in rats</i></b>
20:30	<b>ABENDESSEN / CONFERENCE DINNER</b>	

## Samstag / Saturday, 15/6/2013

Belgrader Universität, Rektorat / Belgrade University, Hall A

Address: Studentski trg 1

	<b>Offen für die Öffentlichkeit / Opened to the public</b>	
	<b>Session 10: Alexander von Humboldt-Stiftung / Alexander von Humboldt Foundation</b> Chairperson: Representative from the Alexander von Humboldt Foundation	
10:00-10:45	Mrs. Gisela Janetzke & Mrs. Guelay Sagirli, AvH Foundation, Germany: <i>Doing Research in Germany – Fellowships for Highly Qualified Postdocs and Experienced Researchers</i>	
10:45-11:15	Kaffepause / Coffee break	
	Chairperson: Prof. Dr. Ivanka Popović	
11:15-12:00	Dr. Frens Stöckel, Der Deutsche Akademische Austausch Dienst (DAAD): <i>Major developments in the European and German Higher Education sector during the last 15 years with a focus on internationalization and student/researcher mobility</i>	
12:00-13:00	Diskussion Runder Tisch / Discussion – Round table (with presentation about the possibilities) <i>Possible collaboration among scientists from Danube region</i>	
13:00-14:30	Mittagessen / Lunch	
	<b>Session 11: Science and Research in the Danube: present and future</b> Chairperson: Prof. Dr. Ljiljana Gojković-Bukarica	<b>Session 12: Cooperation and integration in Danube region</b> Chairperson: Dr. Melita Vidaković
14:30-15:00	Academician Prof. Dr. Vladimir Kanjuh, University of Belgrade, Serbia: <i>Correlation of hystopathological degrees of atherosclerosis with clinical coronary syndromes</i>	Dr. Niki Vermeulen, The University of Manchester, United Kingdom: <i>Reflections on Scientific Collaboration</i>
15:00-15:30	Academician Prof. Dr. Nebojša Lalić, University of Belgrade, Serbia: <b>Incretin-based therapy in type 2 diabetes: Relevance for glucose control and body weight</b>	Prof. Dr. Milan Dimitrijević, Astronomical Observatory, Belgrade, Serbia: <i>Collaboration between Serbia, Bulgaria, Romania and Hungary in Astronomy</i>
15:30-15:50	Prof. Dr. Vladimir Srdić, University of Novi Sad, Serbia: <i>Ceramical core/shell particles in modern society</i>	Dr. Momir Paunović, IBISS, Belgrade Serbia: <i>The Danube expeditions</i>
15:50-16:10	Dr. Ferenc Kiss, Faculty of Technology, University Novi Sad, Serbia: <i>Limitations of present legal framework and incentives for the production and exploitation of biofuels in Serbia</i>	Dr. Đorđe Miljković, IBISS, Belgrade, Serbia: <i>Neuroimmunology by the Danube</i>
16:10-16:25	Dr. Goran Dobrić, Faculty of Electrical Engineering, University of Belgrade, Serbia: <i>Solar Energy: Potential, Possibilities and Application</i>	Dr. Dragana Ilić, University of Belgrade, Serbia: <i>Astromundus, Erasmus Mundus cooperation of Danubian countries: Germany, Austria and Serbia</i>
16:25-16:40	Dr. Nadežda Krstić, University of Belgrade, Serbia: <i>Rift in Belgrade</i>	Dr. Ivan Jarić, Institute for Multidisciplinary Research, University of Belgrade, Serbia: <i>Sturgeon conservation and management cooperation activities in the Danube River Basin</i>
16:40-16:55	Zaharieva M. Maya, Bulgarian Academy of Sciences, Sofia, Bulgaria: <i>Role of migrating white pelicans (Pelecanus S Onocrotalus) on the dissemination of medically</i>	Dr. Anđelka Kovačević, University of Belgrade, Serbia: <i>Potential of Danubian Region: Scope from Astrophysics</i>

	<i>important zoonotic pathogens along the East-European flyway</i>	
17:0-17:15	SCHLUSSITZUNG / CLOSING SESSION	
17:15-19:00	BELGRADE – CITY TOUR / BELGRADE – CITY TOUR	

## POSTER SESSION

**Donnerstag / Thursday, 13/6 - Freitag / Friday, 14/6/2013**

**Belgrader Universität, Rektorat Eingang / Belgrade University, Rectorate Hall**

- **Agbaba J., Tubić A., Ivančev-Tumbas I., Molnar J., Watson M., Dalmacija B.**; University of Novi Sad Faculty of Sciences, Novi Sad, Serbia: ***PRESENCE OF ARSENIC IN THE GROUNDWATER OF VOJVODINA***
- **Atanacković M., Cvejić J., Gojković-Bukarica Lj., Heinle H.**; Department of Pharmacy, Faculty of Medicine, Novi Sad, Serbia: ***ANALYSIS OF PHENOLIC CONTENT AND ANTIOXIDATIVE CAPACITY OF RED WINES FROM SERBIA***
- **Bučevac D.**; Vinča Institute of Nuclear Sciences, Belgrade, Serbia: ***RECYCLING OF WASTE MOLYBDENUM DISILICIDE HEATING ELEMENTS***
- **Djikanović V., Cakić P., Nikolić V.**, Institute for Biological Research, Belgrade, Serbia: ***ACANTHOCEPHALAN PARASITES OF FISHES IN BELGRADE SECTION OF THE DANUBE RIVER, SERBIA***
- **Ilieva Y., Yosifov D., Kaloyanov K., Kastreva E., Robev B., Zhelezova I., Konstantinov S.**; Faculty of Pharmacy, Medical University of Sofia, Bulgaria: ***ANTINEOPLASTIC ACTIVITY OF THE NATURAL COMPOUNDS CURCUMIN AND GERISAN***
- **Matović B.**; Vinca Institute of Nuclear Sciences, Belgrade, Serbia: ***DENSIFICATION OF ADDITIVE FREE NANO  $\beta$ -SiC BY ULTRA-HIGH PRESSURE***
- **Novaković R., Beleslin-Čokić B., Ilić B., Radunović N., Protić D., Heinle H., Šćepanović R., Gojković-Bukarica Lj.**; Institute of Pharmacology, Medical Faculty, Belgrade, Serbia: ***THE RELAXATION OF PREGNANT HUMAN MYOMETRIUM BY NATURAL POLYPHENOL RESVERATROL***
- **Protić D., Novaković R., Spremovic-Radjenovic S., Radunovic N., Heinle H., Gojkovic-Bukarica Lj.**; Institute of Clinical pharmacology and Pharmacology and toxicology, Faculty of Medicine, Belgrade, Serbia: ***THE EFFECT OF RESVERATROL ON THE HUMAN UMBILICAL VEIN***
- **Stojanović L., Vujičić M., Nikolić I., Kontogianni V., Charisiadis P., G. Tzakos A., Stošić-Grujičić S.**; Institute for Biological Research „Sinisa Stankovic“, Belgrade, Serbia: ***METHANOL EXTRACT OF ORIGANUM VULGARE AMELIORATES AUTOIMMUNE DIABETES IN MICE***
- **Zaharieva M. M., Dobrev N., Ilieva Y., Balatzenko G., Berger M. R., Guenova M., Konstantinov S. M.**; Bulgarian Academy of Sciences, Sofia, Bulgaria: ***ERUFOSINE (ERUCYLPHOSPHO-N,N,N-TRIMETHYLPROPYLAMMONIUM) AFFECTS PKB/AKT AND JNK IN HUMAN ACUTE MYELOID LEUKEMIA CELL LINES***
- **Zaharieva M. M., Petkov N., Konstantinov S. M., Berger M. R.**; Faculty of Pharmacy, Medical University of Sofia, Bulgaria: ***THE NEW ALKYLPHOSPHOCHOLINE ERUFOSINE AMELIORATES BONE MARROW TOXICITY OF CLASSICAL CYTOSTATICS***