



Slovenian-Bavarian Scientific Forum

27-28 May 2021

Online via Zoom

Thursday, May 27, 2021

OPENING. PLENARY SESSION

Online via Zoom

Moderation: Nikolas Djukić, Executive Director, BAYHOST

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| 14:00 p.m. | Welcoming addresses and opening speeches: Dr. Tomaž Boh, Ministry of Education, Science and Sport (MESS), Director-General of the Science Directorate Prof. Dr. Udo Hebel, President of Universität Regensburg, Speaker of the Board of Directors of the Bavarian Academic Center for Central, Eastern and Southeastern Europe BAYHOST Prof. Dr. Wolfgang Baier, President of the Ostbayerische Technische Hochschule, Board of Directors of the Bavarian Academic Center for Central, Eastern and Southeastern Europe BAYHOST Dragica Urtelj, Consul General of the Republic of Slovenia, Consulate General of the Republic of Slovenia in Munich MR Dr. Christoph Parchmann, Bavarian State Ministry of Science and the Arts, Head of the International Affairs' Unit |
| 14:45 p.m. | Group photo with the speakers of the plenary session |
| 14:50 p.m. | The system of higher education and science in Bavaria Mission, Expertise and Services of BAYHOST <i>Nikolas Djukić, Executive Director, BAYHOST</i> |
| 15:15 p.m. | Introduction to the Slovenian system of science and higher education <i>Mag. Peter Volasko, Head of the Science Division Science Directorate, Ministry of Education, Science and Sport</i> |
| 15:45 p.m. | Break |

- 16:15 p.m. Slovenian-Bavarian Cooperation in Interreg: Working together to improve the RDI-ecosystem in the Alpine Macroregion
Dr. Philip Pfaller, Scientific Officer, Socio-economic Sciences & Humanities / Security Research, Bavarian Research Alliance (BayFOR) and Mateja Dermastia, MSc., President and Chief Executive Officer, Anteja ECG d.o.o., Ljubljana*
- *The Bavarian Research Alliance (www.bayfor.org/en) provides comprehensive advisory services on EU research and innovation funding such as EU policies. BayFOR supports researchers in the proposal development process and in the search for suitable project partners.
- 16:45 p.m. EU-Project ECOBREED: Increasing the efficiency and competitiveness of organic crop breeding. A HORIZON 2020 project, coordinated by the Agricultural Institute of Slovenia (KIS).
*Werner Vogt-Kaute, Naturland-Coordination, Naturland e.V.
Dr. Vladimir Meglič, Project coordinator, ECOBREED, Agricultural Institute of Slovenia*
- 17:15 p.m. End of the plenary session

Friday, May 28, 2021

Parallel sections in different working groups

SECTION 1: MEETING OF REPRESENTATIVES OF MINISTRIES AND AGENCIES

Online via Zoom

- 10:00 a.m. – 13:00 p.m. Topic: Strategic Perspectives on Slovenian-Bavarian Research Cooperation
- Participants:
- Slovenian Ministry of Education, Science and Sport
 - Bavarian State Ministry of Science and the Arts
 - Slovenian Research Agency
 - Bavarian Research Alliance
 - BAYHOST (Bavarian Academic Center for Central, Eastern and Southeastern Europe)

SECTION 2: MEETING OF RECTORS AND VICE-RECTORS OF SLOVENIAN AND BAVARIAN UNIVERSITIES

Online via Zoom

- 9:00 a.m. – 13:00 p.m. Focus topics: Strategic internationalization, the European Universities Initiative, perspectives of research cooperation

SECTION 3: CHEMISTRY RESEARCH SYMPOSIUM: CHEMICAL INNOVATIONS FOR A SUSTAINABLE FUTURE

Online via Zoom

PRESENTATIONS AND DISCUSSIONS

PART I

Moderation: Prof. Dr. Burkhard König, Institute of Organic Chemistry, Universität Regensburg

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| | Focus topics: Chemical Innovations for a Sustainable Future |
| 9:00 a.m. | Metal compounds- a step towards more efficient drugs? <i>Prof. Dr. Iztok Turel, Faculty of Chemistry and Chemical Technology, University of Ljubljana</i> |
| 9:20 a.m. | Chemistry of 2D Materials <i>Prof. Dr. Andreas Hirsch, Chair of Organic Chemistry II, Department of Chemistry and Pharmacy, Friedrich Alexander University Erlangen-Nürnberg</i> |
| 9:40 a.m. | From lignocellulosic biomass to vanillin with oxidative depolymerization of lignin with hydrogen peroxide <i>Prof. Dr. Jernej Iskra, Chair of Organic Chemistry, Faculty of Chemistry and Chemical Technology, University of Ljubljana</i> |
| 10:00 a.m. | Functionalized nanocarbon materials for biomedical, catalytic and energy applications <i>Prof. Dr. Anke Krüger, Institute for Organic Chemistry, Faculty of Chemistry and Pharmacy, Universität Würzburg</i> |
| 10:20 a.m. | Break |

PART II

Moderation: Prof. Dr. Iztok Turel, Faculty of Chemistry and Chemical Technology, University of Ljubljana

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| 10:40 a.m. | Magnetic nanomaterials for biomedical, catalytic and sensing applications <i>Prof. Dr. Darko Makovec, Head of the Materials Synthesis Department, Jožef Stefan Institute</i> |
| 11:00 a.m. | Bioinspired Metal Complexes for Photocatalysis <i>Prof. Dr. Corinna Hess, Assistant Professorship Bioinorganic Chemistry, Department of Chemistry, Technical University of Munich</i> |
| 11:20 a.m. | Research and innovations in the scope of the circular economy <i>Prof. Dr. Aleksandra Lobnik, Head of the laboratory for chemistry and environmental protection, University of Maribor</i> |
| 11:40 a.m. | Synthetic Clays: Delamination, Liquid Crystals, Porous Materials <i>Prof. Dr. Josef Brey, Chair of Inorganic Chemistry I, Faculty of Biology, Chemistry & Earth</i> |

Sciences, University of Bayreuth

12:00 a.m. Porous materials for energy and environmental applications
Prof. Dr. Nataša Zabukovec Logar, Department of Inorganic Chemistry and Technology, National Institute of Chemistry

PART III

Moderation: Prof. Dr. Burkhard König, Institute of Organic Chemistry, Universität Regensburg

12:20 a.m. – 12:50 a.m. *Open discussion on possibilities for funding and cooperation*

SECTION 4: WORKSHOP “ADVANCES AND FRONTIERS IN MATERIALS SCIENCE”

Online via Zoom

WELCOMING

9:00 a.m. Welcoming and technical remarks

PRESENTATIONS AND DISCUSSIONS

Focus topics: Materials science and related nanoscience and –technology | Quantum materials and applications | Dynamically responsive soft materials | Tunable surface structures | Graphene research

PART I

Moderation: Prof. Dr. Mikhail Chamonine, Faculty of Electrical Engineering and Information Technology, OTH Regensburg (Ostbayerische Technische Hochschule Regensburg)

9:05 a.m. Investigations of soft matter with optical methods
Prof. Dr. Irena Drevenšek Olenik, Faculty of Mathematics and Physics, University of Ljubljana

9:25 a.m. Characterization and development of advanced scaffolds for bone defect treatment
Prof. Dr. Stefan Kalkhof, Institute of Bioanalysis, Department of Applied Sciences, Coburg University of Applied Sciences and Arts

9:45 a.m. Applicable properties of molybdenum-based nanomaterials
Prof. Dr. Maja Remškar, Department of Condensed Matter Physics F5, Jožef Stefan Institute

10:05 a.m. 4D Shape-Morphing Polymeric Materials: from idea to application
Prof. Dr. Leonid Ionov, Professor of Biofabrication, Faculty of Engineering Science, University of Bayreuth

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| 10:25 a.m. | Materials realizing quantum spin liquids <i>Prof. Dr. Denis Arčon, Department of Condensed Matter Physics F5, Jožef Stefan Institute</i> |
| 10:45 a.m. | Activities in Printed Electronics at Landshut UAS <i>Prof. Dr. Artem Ivanov, Faculty of Electrical and Industrial Engineering, Landshut University of Applied Sciences</i> |
| 11:05 a.m. | Break |

PART II

Moderation: Prof. Dr. Denis Arčon, Department of Condensed Matter Physics F5, Jožef Stefan Institute

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| 11:25 a.m. | Ceramic thick films on various substrates <i>Prof. Dr. Hana Uršič Nemevček, Electronic Ceramics Department K5, Jožef Stefan Institute</i> |
| 11:45 a.m. | CARISSMA: Materials & Vehicle Safety <i>Mar Folgueral Gomez, CARISSMA Center of Automotive Research on Integrated Safety Systems and Measurement Area C-ECOS (Institute of Electric, COnnected, and Secure Mobility (C-ECOS)), Technische Hochschule Ingolstadt. CARISSMA (thi.de)</i> |
| 12:05 a.m. | Gate-Tunable Short-Period Superlattices in Graphene <i>PD Dr. Jonathan Eroms, Department of Physics, University of Regensburg</i> |
| 12:25 a.m. | Metastable states emerging from ultrafast phase transitions <i>Prof. Dr. Tomaž Mertelj, Department for complex matter F7, Jožef Stefan Institute</i> |
| 12:45 a.m. | From synthesis of nanoparticles to novel functional materials <i>Prof. Dr. Darja Lisjak, Department of Synthesis of Materials, Jožef Stefan Institute</i> |
| 13:05 a.m. – 13:10 a.m. | <i>Closing remarks</i> |

SECTION 5: SCIENTIFIC WORKSHOP ON HUMANITIES AND SOCIAL SCIENCES

Online via Zoom

PRESENTATIONS AND DISCUSSIONS

Focus: research related to Slovenia

PART I

Moderation: Igor Vobič, Associate Professor, Faculty of Social Sciences, University of Ljubljana

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| 9:00 a.m. | Contemporary Issues of Human Rights Protection in International and National Settings <i>Dr. Stefan Lorenzmeier, LL.M., Faculty of Law, Erasmus supervisor, University of Augsburg & Dr. Vasilka Sancin, Associate Professor, University of Ljubljana, Director of the Institute for International Law and International Relations, Member of the UN Human Rights</i> |
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Committee, Member of the Commission for Quality UL

- 9:20 a.m. Managing the Shop Floor in Socialism. The example of the Port Industry in Koper, Yugoslavia/Slovenia
Dr. Sabine Rutar, Leibniz Institute for East and Southeast European Studies
- 9:40 a.m. Early medieval history as source of common historical memory between Bavaria and Slovenia
Dr. Aleš Maver, Faculty of Arts, University of Maribor
- 10:00 a.m. Vom 'Westfälischen Slowenen' im Ruhrgebiet zum Automobilarbeiter in Bayern - Eine Bilanz nach drei Jahren. / Od "Vestfalskega Slovenca" v Porurju do avtomobilskega delavca na Bavarskem - bilanca po treh letih. (The presentation will be interpreted consecutively from German into Slovenian)
PD Dr. Rolf Wörsdörfer, Department of History and Social Sciences, Modern and Contemporary History, Technical University of Darmstadt
- 10:25 a.m. Remembering 'Homeland' in Emigration: The Emigrants from Prekmurje and Julian March and their Relation to Interwar Yugoslavia.
Dr. Miha Zobec, Research Centre of the Slovenian Academy of Sciences and Arts (ZRC-SAZU)
- 10:45 a.m. Break

PART II

Moderation: Prof. Dr. Dr. Dr. h.c. Wolfgang Mastnak, Chair in Music Education, University of Music and Performing Arts Munich

- 11:00 a.m. Digitizing Journalism: Exploring Dynamics Between Traditions and Transformations
Igor Vobič, Associate Professor, Faculty of Social Sciences, University of Ljubljana
- 11:20 a.m. Slovenian and the approach of plurilingual geolinguistics: the research project Verba Alpina
Eva Jezovnik, Research Project Verba Alpina, Institute for Romance Philology, Munich University
Prof. Jožica Škofic, Research Centre of the Slovenian Academy of Sciences and Arts (ZRC SAZU), Ljubljana
- 11:50 a.m. Culturally sensitive clinical music therapy - An inter-disciplinary challenge.
Prof. Dr. Dr. Dr. h.c. Wolfgang Mastnak, Chair in Music Education, University of Music and Performing Arts Munich
- 12:10 a.m. Interdisciplinary cooperation in dementia education?
Prof. Dr. Alexander Kurz, Coordinator INDEED Project and Lea Pfäffel, Project Manager INDEED Project, Centre for Cognitive Disorders, Technical University of Munich, School of Medicine
- 12:30 a.m. Eco systemic solutions for future healthy ageing society
Prof. Prof. h.c. (NPI), Dr.-Ing. / Univ. Tokio Dr. h.c. (SWSU) Thomas Bock, Chair of Building Realization and Robotics, School of Engineering, Technical University of Munich

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| 12:50 a.m. | Responsible research in sustainable construction <i>Prof. Dr. Žiga Turk, Faculty of Civil and Geodetic Engineering, University of Ljubljana</i> |
| 13:10 a.m. | Outlook |

COUNSELING ON FUNDING POSSIBILITIES

Online via Zoom

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| 15:00 p.m. – | Dr. Philip Pfaller, Scientific Officer, Socio-economic Sciences & Humanities / Security Research, Bavarian Research Alliance (BayFOR)* |
| 17:00 p.m. | Dr. rer. nat. Panteleïmon Panagiotou, Head of Unit, ICT, Engineering and Natural Sciences, Bavarian Research Alliance (BayFOR) * Mag. Darija Valančič, new Coordinator for Horizon Europe, Science Division, Slovenian Ministry of Education, Science and Sport (MESS) Mojca Boc, Slovenian Research Agency Tatjana Jurkovič, Ministry of Education, Science and Sport (MESS) *The Bavarian Research Alliance (www.bayfor.org/en) provides comprehensive advisory services on EU research and innovation funding such as EU policies. BayFOR supports researchers in the proposal development process and in the search for suitable project partners. |
| 17:00 p.m. | End of the event |

CONFERENCE LANGUAGE

The conference language is English.

REGISTRATION

Please use [the following link to](#) register. Registered participants will receive an e-mail with access data for the online meetings before the forum

CONTACT PERSONS:

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