



Joint Austrian – Georgian Workshop “New Horizons of Applied Physics for Nanobiomedicine”

Scientific workshop organized in the frame of the project
“Development of new method of optical spectrometry of viruses (SPECTROVIR-1)”

21.10.2021, 13:00 – 17:00

Georgian Technical University (online via Teams, please click here: [Klicken Sie hier, um an der Besprechung teilzunehmen](#))

Location: TFZ Technologie- und Forschungszentrum Wiener Neustadt
Viktor-Kaplan-Strasse 2/1 (Entrance A, 1st floor, Conference room)
2700 Wr. Neustadt, Austria

Attendees:

Ministry of Foreign Affairs of Georgia / Embassy of Georgia to the Republic of Austria:	Ketevan Tsikhelashvili
Republic of Austria / Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)	Mag. Alexander Pogany
Georgian Academy of Natural Sciences and Georgian Technical University	Prof. Dr. Sci., PhD Paata Kervalishvili
Georgian Technical University – Dept. of Physics	Prof. Dr. Tamar Berberashvili Prof. Dr. Tamar Bzhalava Prof. Lali Chakhvashvili Salome Karseladze
National Center for Disease Control and Public Health (Tbilisi)	Maka Okrotsvaridze
K. Eristavi National Center of Experimental and Clinical Surgery	Lasha Bazadze
AIT Austrian Institute of Technology GmbH	Dr. Laszlo Sajti Dr. Mariangela Fedel
Silicon Austria Labs GmbH	Dr. Rudolf Heer
BioNanoNet Forschungsgesellschaft mbH	Andreas Falk, MSc
ecoplus. The Business Agency of Lower Austria	DI Rainer Gotsbacher, MSc
University of Applied Sciences Wiener Neustadt	Dr. Anne Busch

In cooperation with:



AGENDA:

- 12:45 Come Together, Welcome coffee
- 13:00 Welcome words
Dr. Laszlo Sajti, AIT
- 13:05 Relations and cooperation between Georgia and the Republic of Austria
Ketevan Tsikhelashvili, Embassy of Georgia
- 13:25 Austrian R&D policy in nanotechnology
Mag. Alexander Pogany, BMK
- 13:45 ecoplus. The Business Agency of Lower Austria
DI Rainer Gotsbacher MSc, ecoplus

Scientific section (15 min + 5 min. discussion)

- 14:00 Advanced nanobiomaterials for health applications
Dr. Laszlo Sajti
- 14:20 Concept of Study of Vibrational Properties of Viral Particles; Spectroscopic methods of nanobiosystems investigation: detection of viruses and resonance therapy
Prof. Dr. Paata Kervalishvili
- 14:40 Masters Degree Program Health Care Informatics at University of Applied Sciences Wiener Neustadt. Topics, Projects an Cooperations
Dr. Anne Busch
- 15:00 Main Directions of Research of Nano Biosystems at Georgian Technical University
Prof. Dr. Tamar Berberashvili
- 15:20 Safety-and-Sustainability-by-design, innovation and technology – key competences from Austrian community and beyond
Andreas Falk
- 15:40 nanoNET-Austria – Linking research, technology and production
Dr. Rudolf Heer
- 16:00 Computer Simulation Study of Oscillation Mechanisms of Virus-Like Particles
Prof. Dr. Tamar Bzhalava
- 16:20 Matchmaking - round table discussion
- 17:00 End of the workshop,
invitation of ecoplus to join the “Autumn-Event” with chestnut, potatoes, hot wine punch, cider and alcohol free drinks.

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