

GGSB2022 – Kutaisi and Tbilisi

Sunday, September 11 (KIU, Kutaisi)

Arrival, Campus Tour & Welcome Reception at KIU

[19:00 – 21:00]

Monday, September 12 (KIU, Kutaisi)

- GGSB Follow-Up -

Opening Session: Welcome & Opening Addresses [Convener: Alexander Tevzadze]

[11:00 – 11:30]

Alexander Tevzadze (Rector KIU)

Mikheil Chkhenkeli (Minister of Education and Science of Georgia)

Sebastian Schmidt (Scientific Director HZDR)

Ghaleb Natour (Director ZEA-1, FZJ), Thomas Stöhlker (Deputy Science Director, GSI; Director HIJ)

Gebhard Reul (Head DAAD Regional Office Tbilisi)

Session 1: Georgian-German Science Bridge (GGSB) [Convener: Mikheil Chkhenkeli]

[11:30 – 13:00]

- Hans Ströher Georgian-German Science Bridge (GGSB): Retrospective
- N. Jon Shah Georgian-German Science Bridge (GGSB): Prospective GGSB-PLUS
- Sebastian Schmidt New German Partner: Helmholtzzentrum Dresden-Rossendorf (HZDR)
- Thomas Stöhlker New German Partner: GSI Helmholtzzentrum für Schwerionenforschung
- Possible New German University Partners: Example Jena University
- Achim Stahl Possible New German University Partners: Example RWTH Aachen Univ.
- Tamar Lominadze Consortium of the Georgian Universities: Example GTU
- Zaza Metreveli Consortium of the Georgian Universities: Example AUG

Lunch break [13:00 – 14:00]

Session 2: Guiding Ideas: Scientific & Societal Challenges [Convener: Hans Ströher]

[14:00 – 16:00]

- T. Stöhlker/Jim Ritman Fundamental Science: FAIR project & Exp.'s at GSI
- Andreas Wahner Climate Change
- N. Jon Shah Biomedical Imaging
- Wolfgang Enghardt Proton Therapy Dresden
- Hanno Scharr High Performance Computing OR Machine Learning

Coffee break [16:00 – 16:30]

KIU International Advisory Board Meeting (internal)

[16:00 – 17:30]

In parallel: Poster Session for Students [Convener: Ramaz Botchorishvili]

- Opportunities for students in frame of GGSB:
Eva Portius (FZJ), Ghosh Pradeep (GSI), Sandra Hamann (HZDR) [tbc]

Dinner (Restaurant *Chateau Gelati*)

[19:00 – 21:00]

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Tuesday, September 13 (KIU, Kutaisi)

– GGSB Strategic Focus –

Plenary Session 3: GGSB-PLUS [Convener: NN]

[9:30 – 11:00]

- N. Jon Shah Biomedical Imaging Modalities in GGSB-PLUS
- Bernd Neumaier Medical Diagnostics: Radiotracers
- Nugzar Kalandarishvili Medical Treatment: Radiology
- Beka Bochorishvili Medical Treatment: Radiology

Coffee break [11:00 – 11:30]

Plenary Session 4: GGSB Future (I) [Convener: NN]

[11:30 – 13:00]

- Vakhtang Tsagareli Hadron Therapy Center (HTC): Implementation & Status
- Revaz Shanidze Hadron Therapy Center (HTC): Introduction
- Jürgen Fassbender Ion Beam Center @ HZDR – from basic science to industr. application
- Peter Kaefer Controlling Advanced Experiments (part I)
- Gerald Wedel Controlling Advanced Experiments (part II)

Lunch break [13:00 – 14:30]

Plenary Outreach Session: Public Lecture

[45 min]

- Roberto Orecchia Hadron Therapy: current status and new perspective to realize High Precision Radiation Therapy

Cultural program (Excursion including dinner in the city) [17:00 – 21:00]

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Wednesday, September 14 (KIU, Kutaisi)

Plenary Session 5: GGSB Future (II) - SMART|Labs [Convener: NN]

[10:00 – 12:00]

- N. Jon Shah/Ramaz B. SMART|Bioimaging_Lab: Imaging part
- B. Neumaier/Bezhan Ch. SMART|Bioimaging_Lab: Chemistry part [tbc]
- Hanno S./Ramaz B. SMART|Data_Lab: Machine Learning at KIU [tbc]
- Christian Schmidt SMART|Detector_Lab at GSI [tbc]
- Stefan van Wassen SMART|Digital_Lab: Electronics part [tbc]
- Ghaleb Natour SMART|Tech_Lab: Engineering part [tbc]
- Hans Ströher Vision: Georgian Science and Technology Center (GSTC)

Lunch break [12:30 – 14:00]

Wednesday (afternoon, 15:00 – 18:00), September 14, 2022

Transfer from Kutaisi to Tbilisi (hotel “Orion”)