

*DRAFT schedule of the agenda/program (June 28, 2024)*

## **GGSB2024 – Tbilisi and Kutaisi**

### **Sunday, September 8 – Arrival in Tbilisi –**

**Cultural program** (Tbilisi City Tour) & **Welcome Reception** (at TSU garden) [16:00 – 21:00]

### **Day 1: Monday, September 9 (TSU, Tbilisi) – GGSB Status and Future –**

**Opening Session: Welcome & Opening Addresses** (Chair: Erekle A / TSU) [12:00 – 12:30]

Sebastian M. Schmidt (HZDR): Challenges, Vision 20 min

Hans Ströher (FZJ): GGSB History 20 min

N. Jon Shah (FZJ, Moderation): GGSB Panel Discussion (Q&A) 40 min

**Signature Session:** Introduction RWTH Aachen University, MoU Signature [13:45 – 14:00]

**Interviews/TV media/Photos/Coffee break, Snacks** [14:00 – 14:45]

**Excursion & Dinner** (Old capital *Mtskheta* and *Winery “Mephis Kalaki”*) [15:00 – 21:00]

**Visit at ISU:** Sebastian Schmidt (HZDR) (separate agenda, **tbd** with ISU) [15:00 – 17:00]

### **Day 2: Tuesday, September 10 (GTU, Tbilisi) – GGSB and Beyond –**

**Opening Session: Welcome** (Chair: Tamar L / GTU; Hans S / FZJ) [11:30 – 12:00]

Mike Lamont (CERN): International Scientific Cooperation (example: CERN) 30 min

James Ritman (GSI): International FAIR Project 20 min

Arjan Vink (GSI): Establishing EU strategy and support for science 20 min

Paolo Lenisa (INFN): Particle Physics: EU Proposal PRESTO 20 min

Andrew Webb (RWTH): Low Field MRI (talk will be given online) 20 min

Tamar Khechiashvili (GTU): SMART | Medical Imaging Training Lab 15 min

**Interviews/TV media/Photos/Coffee break, Snacks** [14:00 – 15:00]

**Public Lecture:** Sebastian M. Schmidt: The solution of grand challenges – Large scale research and the HZDR [15:00 – 15:45]

**Cultural program at GTU** (Concert: Folklore ensemble / GTU) [16:00 – 17:00]

**Dinner** (Restaurant “...”/close to hotel Orion, tbc GTU) [19:00 – 22:00]

### **Day 3: Wednesday, September 11 – Bus transfer from Tbilisi to Kutaisi (Start: 11:00) –**

**Arrival at KIU, Kutaisi City Tour, Welcome Reception** (at KIU) [14:00 – 21:00]

## Day 4: Thursday, September 12 (KIU, Kutaisi) – Scientific Workshop –

**Opening session: Welcome & Opening Addresses (Chair: Mikheil Ch / KIU)** [10:00 – 10:30]

Christian Richter (HZDR): Hadron Therapy 30 min

Martin Wiesmann (RWTH): Medical Imaging 30 min

Vakhtang Tsagareli, Revaz Shanidze: HTC Project at KIU 30 min

**Interviews/TV media/Photos/Coffee break, Snacks** [12:00 – 12:30]

**Plenary session 1: HTC Related Topics (Chair: Sebastian S / HZDR)** [12:30 – 13:50]

Alexandra Wronska (Cracow): Cracow Hadron Therapy Project 20 min

Christoph Lerche/Natia Beriashvili (FZJ): PET Imaging & recent results 20 min

Zara Bagdasarian (Varian): Advancing Precision Oncology 20 min

Martin Kreller (HZDR): Radionuclide Production (Radiopharmacy Dep. at HZDR) 20 min

**Lunch break** [14:00 – 14:45]

**Plenary session 2: Ongoing GGSB Projects (I) (Chair: Jon S / FZJ)** [14:45 – 17:00]

Reham Hossam Elnabawy (FZJ): SMART|Biomedical Imaging Lab at KIU 20 min

Otari Ghokhadze/Heike Endepols (FZJ/INM-5): PET Tracer Development 20 min

Robert Wegener (FZJ): Atmospheric Research (EU project with TSU) 20 min

Giorgi Jibuti (TSU): Atmospheric Research at SMART|AtmoSim\_Lab 20 min

Nana Khundadze (TSU): Atmospheric Research at IEK-8 & perspectives at TSU 20 min

**Dinner (Restaurant “ ... ” ? /tbc KIU)** [19:00 – 22:00]

## Day 5: Friday, September 13 (KIU, Kutaisi) – Scientific Workshop –

**Plenary session 3: Ongoing GGSB Projects (II) (Chair: Ramaz B / KIU)** [10:00 – 11:30]

Stefan Kesselheim (IAS-8): High performance computing and machine learning:  
Chances and opportunities 30 min

Dimitri Iosebadze, Tsothe Mikadze, Lasha Shavgulidze (KIU): Computational  
Modelling for Motion Canvas Pictures 30 min

Fabian Theis (Helmholts Institute of AI): AI for Science 30 min

**Coffee break** [11:30 – 12:00]

Giorgi Kakabadze (AUG): ZEA-1 – AUG Cooperation Project (title) 20 min

David Arutinov (FZJ): ZEA-2 – AUG Cooperation Project (title) 20 min

Irakli Keshelashvili (GSI): Technological Cooperation (with GSI) 20 min

Roland Bol (FZJ): Environmental Projects 20 min

Maia Batsatsashvili (FZJ/ISU): Environmental Research 10 min

**Lunch break** [13:30 – 14:00]

**Plenary session 4: Future Opportunities, Summary** (Chair: Alexander T / KIU) [14:00 – 16:00]

Achim Stahl (RWTH): Einstein Telescope Project	20 min
George Mamatsashvili (HZDR): Abastumani Obser. and HZDR on MHD instabilities	20 min
George Dalakishvili (ISU): Study of the near space processes	20 min
Dieter Grzonka / Dachi Okropiridze (GSI/Bochum): GSI Experiments & recent results	20 min
David Lordkipanidze(Tbilisi, National Museum): Can Biocultural Heritage Become Competitive Advantage for Georgia ?	20 min
Jon Shah: <b>Summary GGSB'24</b>	10 min

**Cultural program** (Excursion to *Vani Archaeological Museum* / KIU) [16:00 – 18:30]

**Dinner** (Khareba Winery "*Vartsikhe Krakhuna*" / KIU) [19:00 – 22:00]

**Day 6: Saturday, September 14** – Bus transfer from Kutaisi to Tbilisi (Start: **11:00**) –