

GGSB2022 – Kutaisi and Tbilisi

Thursday, September 15 (TSU, Tbilisi)

– GGSB at Georgian Partner Universities –

Plenary Session 6: Existing and Future SMART|Labs [Convener: NN] [9:30 – 11:00]

- Welcome addresses: Nino Okribelashvili (Vice Rector of TSU)
Dimitri Kordzaia (Dean of the Medical Faculty)
- David Mchedlishvili SMART|EDM_Lab: Science Case – Search for EDMs and DM
- Otari Javakhishvili Contributions to the SMART|EDM_Lab
- Dachi Okropiridze Contributions to the SMART|Detector_Lab (GSI)
- Giorgi Jibuti SMART|AtmoSim_Lab: Science Case – Atmospheric Chemistry
- Iulia Gensch Contributions to the SMART|AtmoSim_Lab: The 'Hydrocarbon Clock'

Coffee break [11:00 – 11:30]

- N. Jon Shah SMART|BioImaging_Lab: Science Case – Medical Diagnostics
- Bernd Neumaier SMART|BioImaging_Lab: Science Case – Radiotracers
- Heike Endepols SMART|BioImaging_Lab: Small animal PET imaging (Univ. Cologne)
- David Arutinov SMART|Digital_Lab: Background – Technology for Research [tbc]
- Harald Glueckler SMART|Tech_Lab: Background – Technology for Research [tbc]
- Christian Schmidt SMART|Detector_Lab: Contributions to GSI/FAIR Projects [tbc]
- Hanno Scharr SMART|Data_Lab: Background – Machine Learning [tbc]

Lunch break [13:00 – 14:30]

Plenary Session 7: Student Activities at SMART|Labs [Convener: Andro Kacharava]

[14:30 – 16:00]

- Ninea Anasovi Contribution to the SMART|EDM_Lab
- Lia Karadurmus Contribution to the SMART|AtmoSim_Lab
- Nana Khundadze Contribution to the SMART|AtmoSim_Lab
- Otari Gokhadze Contribution to the SMART|BioImaging_Lab
- Tamar Khatisashvili Contribution to the SMART|BioImaging_Lab
- Natia Beriashvili Contribution to the SMART|BioImaging_Lab
- Tamar Khechiashvili Experience as a Medical Physicist at the *National Center of Surgery*

Visit of *National Center of Surgery in Tbilisi* (Tamar Khechiashvili) [16:00 – 17:30]

Visit of *Institute of Morphology TSU in Tbilisi* (Dimitri Kordzaia) [17:30 – 18:30]

Dinner (Restaurant *Paemani Veraze*) [19:30 – 21:30]

GGSB2022 – Kutaisi and Tbilisi

Friday, September 16 (TSU, Tbilisi)

- School Part: Student Presentations -

Plenary Session 8: (in total about 25) Student Presentations

[9:30 – 11:00]

Introduction:

- Ghosh Pradeep *GET_INVolved Program at GSI*
- Eva Portius *3rd QUALI-Start-Up Lectures (planned in 2023) at FZJ*

Convener: Zaza Metreveli (AUG, Mechanical and Electrical Engineering)

- Engineering (AUG): Nika Putkaradze, Aleksandre Kobeshavidze
- Physics (TSU): Mariam Abuladze, Revaz Beradze, Medea Abramishvili

Coffee break [11:00 – 11:30]

Convener: Bezhan Chankvetadze /Giorgi Jibuti (TSU, Chemistry)

[11:30 – 13:00]

- Chemistry – I: Natia Tchanturia, Nutsa Tsetskhladze, Ana Rakviashvili, Nino Chapidze
- Chemistry – II: Lika Kirtadze, Ani Rurua, Mariam Shvelidze, Saba Jorbenadze

Lunch break [13:00 – 14:30]

Convener: Dimitri Kordzaia (TSU, Medical Faculty)

[14:30 – 16:00]

- Merab Chanturia, Giorgi Aleksanashvili, Nino Kharaiashvili, Rati Khorbaladze - (et al.,)

Convener: Mikheil Chikhradze (GTU, Engineering physics department)

- Nini Kvintradze, Ana Palavandishvili, Mariam Ghvaladze

Coffee break [16:00 – 16:30]

- Summary GGSB2022 -

Plenary Session 9: Next Steps

[16:30 – 17:30]

- Hans Ströher/Andro Kacharava **Conclusions and Outlook**