



## CONFERENCE PROGRAMME

### 1st day April 19, Tuesday

9.30-10.00 Registration

10.00 -10.30 Opening Session: Greetings and welcome remarks  
(Chairs: Zurab Gasitashvili – GTU, Souzana Michailidis – UINDY)

10.30-12.00 Plenary Session I (Chairs: Elena Opekoun – Hrodno University, Georgii Lashkarev – NASU)

- 1.1. Prof. Waclaw Gudowsky (ISTC, Stockholm University) – The mainstreams in international science and technology cooperation: problems and prospects.
- 2.2. Prof. Irina Khomeriki (ISTC Georgia office) – ISTC projects in Georgia: Development through science and technology.
- 2.3. Prof. David Tavkhelidze (GTU) – International and ISTC Projects in Georgian Technical University.
- 2.4. Dr. Lela Bakanidze, Dr. Neli Chakvetadze (National Center for Disease Control and Public Health, Georgia) – ISTC Projects Implemented at National Center for Disease Control and Public Health of Georgia
- 2.5. Prof. Nikoloz Jalabadze (GTU, RCSR) – Progress RCSR in Nanotechnology Supported by ISTC.

12.00 – 12.30 Coffee Break

12.30 – 14.00 Plenary Session II (Chairs: Zinaida Klestova – NAASU, Mamuka Matsaberidze – GTU)

- 2.1. Prof. Konstantinos Spentsas (EMAAS, NTUA) – Energy sustainability in vehicles.
- 2.2. Prof. George Kvesitadze (Durmishidze Institute of Biochemistry and Biotechnology of Georgian Agrarian University) – Plants potential directed to explosives degradation.
- 2.3. Dr. Elena Opekoun (Hrodno University) – Development of transboundary Belarus - EU cooperation in innovation sphere.
- 2.4. Dr. Zinaida Klestova (The Institute of Veterinary Medicine of National Academy of Agricultural Sciences) – Health risks of the Ukrainian population and their reduction.
- 2.5. Dr. Vladimir Berkovitz et al (A. Ioffe Physico-Technical Institute) – Nitride passivation of AlIII- BV surfaces.

14.00 – 15.00 Buffet lunch

15.00 – 17.00 Session III (Chairs: Kim Crawford, George Chakhunashvili)

- 3.1. Dr. Raymond Seltz (EUROSCIENCE) – “Euroscience” and International Cooperation in Science and Technology.



- 3.2. Prof. Georgii Lashkarev (NASU) – Some recent achievements in material science and their multidisciplinary applications.
- 3.3. Dr. Azuolas Zubkonis (UAB “Metis Baltic” Vilnius) – International scientific collaboration and European projects development.
- 3.4. Prof. Giorgi Chakhunashvili (Euroscience Georgia) – Sustainable Development and Child Security: Child has right to be defended since embryo.
- 3.5. Prof. Zurab Gogua et all (GTU) – Dependence of width forbidden zone from shallow impurities in semiconductors with tetrahedral symmetry.

19.00 – Reception

**2nd day April 20, Wednesday**

10.00 – 11.30 Plenary session IV ( Chairs: Roma Stubriene, Akaki Peikrishvili )

- 4.1. Prof. Nickoloz Chikhradze (IMM) – Mining Institute of Georgia: International and ISTC projects in institute of Mining Mechanics.
- 4.2. Dr. Vic Korsun (STCU) – International cooperation and STCU strategy development.
- 4.3. Dr. Mzia Kutateladze (Eliava Institute of Bacteriophage, Microbiology and Virology) – Scientific activity at the Eliava Institute of Bacteriophages, Microbiology and Virology.
- 4.4. Prof. Avto Tavkhelidze, Prof. Amiran Bibilashvili, Dr. Larissa Jangidze (Tbilisi State University) – New quantum interference effect in nanostructured films with special geometry.
- 4.5. Prof. Levan Chkhartishvili, Dr. Tamar Berberashvili (GTU) – Geometrical Model for single-walled nanotubes.
- 4.6. Dr. Medea Chikava (GTU) – Access to scientific data in preventive medicine.

11.30 – 12.00 Coffee Break

12.30 – 14.00 Plenary Session 5 (Chairs: Lali Chakvashvili, Panos Yannakopoulos)

- 5.1. Prof. Azamat Tynybekov (Kirghiz Slavonian University) – Development of waste measurement systems for environment monitoring.
- 5.2. Prof. Zaur Jabua et all (GTU) – Preparation of thin films, powders, ceramics, monocrystals and their electrophysical properties.
- 5.3. Prof. Tengiz Peradze et all (GTU) – Nonelastic behavior of multicomponent titanium alloys.
- 5.4. Prof. Nugzar Dolidze, Prof. Zurab Jibuti (TSU) – Mechanism of Low temperature Melting of Semiconductor micro and nanomaterials.
- 5.5. Dr. Nona Esiava et all (GTU) – Determination of Peculiarities of informational and artificial intelligence technologies in criminalistic examination.

15.00 – 16.00 Closing remarks (Chairs Waclaw Gudowsky, Paata Kervalishvili)



**ISTC Conference will be held in G.Nikoladze Hall of Georgian Technical University (Main Building) 77 Kostava St., Tbilisi, Georgia**

## **CONFERENCE COMMITTEES**

Conference Chair: Prof. Paata J. Kervalishvili (GTU)

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