**Georgian Technological Institute**

**International Scientific Conference**

**May 23-25, 2016, Tbilisi, Georgia**

**May 23, Monday**

13:00-14:00 Participants Registration

14:00-15:00 “The New Challenges for Physics after the Discovery of the

 Brout-Englert-Higgs Boson“ - Professor Guido Tonelli.

15:00-16:00 “Quantum Universe” – Professor Viatcheslav Mukhanov.

16:00-16:30 Questions Panel

16:30-17:00 Coffee Break

17:00-18:00 “Radiation detectors: Imaging what you cannot see”-

 Professor Cinzia Da Via.

18:00-19:00 “Puzzles and Mysteries in High Energy Physics”- Professor

 Luis Alvarez Gaume.

19:00-19:30 Questions Panel

**May 24, Tuesday**

13:00-14:00 Participants Registration

14:00-15:00 “What is macro? Self-organized structures in physical systems” – Professor

 Zensho Yoshida.

15:00-16:00 “A quantum lesson of Gravity”- Professor Cezar Gomez.

16:00-16:30 Questions Panel

16:30-17:00 Coffee Break

17:00-18:00 “Alfred Nobel and Nobel Prizes” - Professor Lars Brink.

18:00-19:00 “On the origin of elementary particle masses” –Professor François Englert.

19:00-19:30 Questions Panel

**May 25, Wednesday**

14:00-15:00 Participants Registration

15:00-16:00 “Research infrastructures, innovation and sustainable future:

 the example of CERN”- Professor Sergio Bertolucci.

16:00-16:30 Questions Panel

16:30-17:00 Coffee Break

17:00-18:00 “Particles for the treatment of tumours: rationale, medical devices, clinical

 results and research perspective” - Professor Sandro Rossi.

18:00-19:00 “The Dark side of the Universe” - Professor Fernando Ferroni.

19:00-19:30 Discussion Board