

- UNESCO Regional Bureau for Science in Europe -
- Georgian Academy of Sciences - Tbilisi State University -

Physics at the future colliders

October 17-21, 2005, Tbilisi, Georgia

Monday, October 17

Chairman: Prof. Merab Eliashvili

10⁰⁰-10¹⁵ Merab Eliashvili
Opening

10¹⁵-11⁰⁰ Jemal Khubua (IHEPI, Tbilisi, Georgia & JINR, Dubna, Russia)
The Bell Rings, or what was done and what are we doing in ATLAS

11⁰⁰-11⁴⁵ Stano Tokar (Bratislava University, Slovakia)
Determination of top quark charge

11⁵⁰-12²⁰ Leila Chikovani (IOP GAS, Georgia)
Study of ATLAS sensitivity to FCNC top decays

12²⁵-12⁵⁰ Coffee break

Chairman: Prof. Jemal Khubua

12⁵⁰-13²⁰ Robert Stanek (ANL, Argonne, USA)
Some kind of status summary of ATLAS components

13²⁵-13⁵⁵ Strashimir Mavrodiev (INRNE, BAS, Sofia, Bulgaria)
On the investigation of some nonlinear problems in high energy physics and cosmic ray physics

14⁰⁰-14³⁰ Vakhtang Garsevanishvili (RMI GAS, Tbilisi Georgia)
Light front variables in high energy hadron-hadron and nucleus-nucleus interactions

19⁰⁰ Banquet

Tuesday, October 18

Chairman: Prof. Teimuraz Kopaleishvili

10⁰⁰-10⁴⁵ Gennady Kozlov (JINR, Dubna, Russia)
On multiparticle correlations at hadron colliders

10⁵⁰-11²⁰ Mikheil Maziashvili (TSU, Tbilisi, Georgia)
Dynamics of massive matter escape into extra space

11²⁵-11⁵⁵ Victor Ivanov (JINR, Dubna, Russia)
Information technologies for theoretical and experimental studies conducted at JINR

12⁰⁰-12²⁵ Cofee break

Chairman: Prof. Robert Stanek

12²⁵-12⁵⁵ Victor Ivanov (JINR, Dubna, Russia)
Project Dubna – Grid

13⁰⁰-13⁴⁵ Akaki Liparteliani (IHEPI, Tbilisi, Georgia)
Rare dacays as windows into SUSI & extra dimentions

14⁵⁰-14²⁰ Temur Nadareishvili, Anzor Khelashvili (IHEPI, Tbilisi, Georgia)
Self adjoint extention problem for singular potential

Wednesday, October 19

Excursion Tbilisi – Mtkheta (Old Capital of Georgia)

Thursday, October 20

Excursion (Kakheti, East Georgia)

Friday, October 21

Chairman: Prof. Vakhtang Kartvelishvili

10⁰⁰-10³⁰ Gela Devidze (IHEPI, Tbilisi, Georgia)
Rare processes as windows into extra dimentions

10³⁵-11⁰⁵ Mirian Tabidze (IHEPI, Tbilisi, Georgia)
Correlations between particls from Ws in $e^+e^- \rightarrow W^+W^-$ events

11¹⁰-11⁴⁰ Tamar Djobava (IHEPI, Tbilisi, Georgia)
Study of collective flow phenoman in high energy nucleus-nucleus collisions

11⁴⁵-12¹⁵ Cofee break

Chairman: Prof. Gennady Kozlov

12¹⁵-13⁰⁰ Revaz Shanidze (IHEPI, Tbilisi, Georgia & Erlangen University, Germany)
Neutrino telescopes and neutrinos from LHC

13⁰⁵-13³⁵ Vakhtang Kartvelishvili (Lancaster University, UK)
B physics programme in ATLAS