

Session Program

21-22 Oct 2016

Workshop on Sensors and High Energy Physics (SHEP 2016)

CERN Physics and Standard Models of Particle Physics

Other Institutes

Ştefan cel Mare University of Suceava Address: Strada Universității 13, Suceava 720229

Friday 21 October

09:15

CERN Physics and Standard Models of Particle Physics

Session | Location: Astronomical Observatory, USV, Hall from first floor | Convener: Florin Maciuc

09:15-09:30 **High Energy Physics Measurements, Status and Prospects**

Speaker

Dr Florin Maciuc

09:30-09:45

Grid site as a tool for data processing and data analysis, computing performance evolution

Speaker

Teodor Ivanoaica

09:45-10:00

Functional renormalisation group in quantum field theory and tensor group field theory

Speaker

Adrian Tanasa

10:00-10:15

Quantum Chromodynamics and the Renormalization Theory

Speaker

Adrian Bodnarescu

10:15-10:30

Overview of the LHCb Monte Carlo Simulation Framework

Speaker

Alex Grecu

10:30-10:45

Study of the Λ^* resonances in $\Lambda b \rightarrow \Lambda^*(p+K)\gamma$ decay, using Helicity Formalism

Speaker

Lavinia Elena Giubega

10:45-11:00

Comparison of cosmic ray collisions generators and PYTHIA

Speaker

Alexandru Catalin Ene

11:00