

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

Ștefan 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