

Session Program

11-12 Feb 2013

**Results and prospects of forward physics at
the LHC: Implications for the study of
diffraction, cosmic ray interactions, and more**

Cosmic-ray morning session

CERN, 4/3-006 - TH Conference Room

Tuesday 12 February

09:00

Cosmic-ray morning session

Session | **Location:** CERN, 40/S2-C01 - Salle Marie Skłodowska-Curie | **Convener:** David Berge

09:00–09:05

Introduction to and goals of the cosmic-ray session

Speaker

David Berge

09:10–09:40

Modelling of air showers - overview

Speaker

Dr Johannes Knapp

09:45–10:15

Modelling of air showers - theoretical basis of hadronic interaction models

Speaker

Sergey Ostapchenko

10:30–11:00

Coffee / Tea

11:00–11:20

Connecting collider data with air-shower physics

Speaker

Dr Tanguy Pierog

11:30–11:50

Glauber model tests, extrapolations, etc

Speaker

Dr Ralf Matthias Ulrich

12:00–12:20

Prospects for light-ion LHC running

Speaker

Django Manglunki

12:20–14:00

Lunch

14:00