

LHC meets Cosmic Rays

Lectures

Introduction to Cosmic Rays
Extensive Air Showers
Atmospheric Lepton Fluxes
Air Shower Simulations
Accelerator Data
Hadron Interaction Models

Hands-on exercises with:
CORSIKA, CRMC, MCEq

Speakers

Valentina Avati (CERN)
Francesca Bellini (CERN)
David Berge (Berlin)
Lorenzo Cazon (LIP)
Hans Dembinski (Heidelberg)
David d'Enterria (CERN)
Anatoli Fedynitch (Berlin)
Stefan Gieseke (KIT)
Menjo Hiroaki (Nagoya)
Kumiko Kotera (Paris)
Paolo Lipari (INFN, Roma)
Sergey Ostapchenko (Frankfurt)
Etienne Parizot (Paris)
Tanguy Pierog (KIT)
Felix Riehn (LIP)
Torbjörn Sjöstrand (Lund)
Michael Unger (KIT)
Klaus Werner (Nantes)

Organization

Anna Di Ciaccio
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Jörg Hörandel
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Albert de Roeck
Ralf Ulrich

Oct 28 – Nov 2
at CERN

