

CORSIKA Cosmic Ray Simulation Workshop Karlsruhe

Monday, June 17, 2019

Applications and requirements of CORSIKA (2:00 PM - 3:00 PM)

time	[id] title	presenter
2:00 PM	[61] Measured and simulated muon flux for the first KM3NeT Detection Units	KALACZYŃSKI, Piotr
2:20 PM	[74] Corsika simulations of background in Baikal experiment	PASTIRCAK, Blahoslav
2:35 PM	[55] Proton-Oxygen collisions at the LHC for air shower research	DEMBINSKI, Hans

Tuesday, June 18, 2019

Applications and requirements of CORSIKA (2:15 PM - 5:40 PM)

time	[id] title	presenter
2:15 PM	[41] Modeling of high energy cosmic ray interactions: selected topics	OSTAPCHENKO, Sergey
2:55 PM	[42] SMASH - a novel transport model to simulate low-energy hadronic interactions	SCHÄFER, Anna
3:30 PM	Coffee	
4:00 PM	[48] Opportunities with Calorimeters at LHC: How to solve the muon puzzle?	PIEROG, Tanguy
4:20 PM	[49] Zero-degree neutron measurements with CMS	SURANYI, Oliver
4:40 PM	[58] Results from the LHCf calorimeter	SAKO, Takashi
5:00 PM	[78] Time of Flight detector for cosmic muons?	VERES, Gabor
5:15 PM	[77] GHOST - a new generator for nuclear collisions	CAPDEVIELLE, Jean-Noel

Wednesday, June 19, 2019

Applications and requirements of CORSIKA (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[53] Radio detection of extensive air showers	HUEGE, Tim
9:15 AM	[65] Use of CORSIKA for the IceTop Radio Enhancement	COLEMAN, Alan
9:35 AM	[72] Handling the metadata for large amount of CORSIKA simulations	KOSTUNIN, Dmitriy
9:55 AM	[76] CORELib: COsmic Ray Event Library	STELLACCI, Simona Maria

Thursday, June 20, 2019

Applications and requirements of CORSIKA (9:00 AM - 9:40 AM)

time	[id] title	presenter
9:00 AM	[62] Simulations for the atmosphere with clouds	PECIMOTIKA, Mario
9:20 AM	[69] Testing modifications to hadronic intractions in air showers	EBR, Jan