

Session Program

Jul 12 - 15, 2022



CORSIKA 8 Air-Shower Simulation and Development Workshop

Radio

Max Planck Institute for Nuclear Physics, Otto-Hahn-Hörsaal (library building)
Saupfercheckweg 1, 69117 Heidelberg <https://www.mpi-hd.mpg.de/mpi/en>

Tue, July 12

2:00 PM

Radio

Session |

Location: Max Planck Institute for Nuclear Physics, Otto-Hahn-Hörsaal (library building), Saupfercheckweg 1, 69117 Heidelberg <https://www.mpi-hd.mpg.de/mpi/en>

14:00 – 14:30

The radio module in CORSIKA 8

Speaker

Nikos Karastathis

14:30 – 15:00

Overview of in-ice radio simulations for neutrino detection

Speaker

Christian Glaser

15:00 – 15:30

Simulation of the propagation of cosmic ray air shower cores in ice

Speaker

Simon De Kockere

3:30 PM

4:00 PM

Radio

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16:00 – 16:30

Propagating Air Shower Radio Signals to In-ice Antennas

Speaker

Uzair Latif

16:30 – 17:00

Transition radiation in cross-media showers

Speaker

Juan Ammerman Yebra

17:00 – 17:30

DEASA array: A simulation study of the secondary particles in air shower using CORSIKA code

Speaker

Dr Sonali Bhatnagar

5:30 PM