

Session Program

Jul 12 - 15, 2022



CORSIKA 8 Air-Shower Simulation and Development Workshop

Hadronic Interaction Models

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

Thu, July 14

2:00 PM

Hadronic Interaction Models

Session |

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14:00 – 14:30

DPMJET and link to hadronic models

Speaker

Anatoli Fedynitch

14:30 – 15:00

SIBYLL

Speaker

felix riehn

15:00 – 15:30

EPOS hadronic interaction model

Speaker

Tanguy Pierog

3:30 PM

4:00 PM

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16:00 – 16:15

New Ideas for Unthinning

Speaker

Pierre Billoir

16:15 – 16:45

PYTHIA 8 and particle cascades

Speaker

Torbjörn Sjöstrand

16:45 – 17:30

FLUKA

Speaker

Alfredo Ferrari

5:30 PM

Fri, July 15

9:30 AM

Hadronic Interaction Models: Simulation approaches and related topics

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09:30 – 10:00

Accelerator input to air shower physics: status and future prospects**Speaker**

Hans Dembinski

10:00 – 10:30

COSMOS**Speaker**

Dr Naoto Sakaki

10:30 – 11:00

Direct detection of TeV-PeV cosmic rays in space: DAMPE, HERD and connection with CRMC**Speaker**

Andrii Kotenko

11:00 AM