CORSIKA 8 Air-Shower Simulation and Development Workshop

Wednesday, July 13, 2022

Software development - Otto-Hahn-Hörsaal (library buidling) (9:30 AM - 11:00 AM)

time	[id] title	presenter
9:30 AM	[17] Benchmarking of CORSIKA 8	KARASTATHIS, Nikos
10:00 AM	[28] Status of hadronic interaction models in C8	RIEHN, felix
10:30 AM	[14] Containers for CORSIKA 8	Dr NELLEN, Lukas

Software development - Otto-Hahn-Hörsaal (library buidling) (2:00 PM - 3:30 PM)

time	[id] title	presenter
2:00 PM	[22] CORSIKA 8 physics validation	NELLEN, Lukas
2:30 PM	[32] New tracking/continous processses/propagation code	REININGHAUS, Maximilian
3:00 PM	[16] Thoughts on the organization of CORSIKA 8 development	Dr ALVES JUNIOR, Antonio Augusto

Software development - Otto-Hahn-Hörsaal (library buidling) (4:00 PM - 6:00 PM)

time	[id] title	presenter
4:00 PM	[36] 2D solution of Cascade Equations	KOZYNETS, Tetiana
4:15 PM	[2] About the Progress of accelerated Photon propagation	BAACK, Dominik
4:45 PM	[37] Performance and parallelization in CORSIKA 8	Dr ALVES JUNIOR, Antonio Augusto
5:15 PM	[33] How to gain single-core performance: Instruction pipelines, CPU cache optimisation, and SIMD	DEMBINSKI, Hans