

26TH INTERNATIONAL CONFERENCE ON COMPUTING IN HIGH ENERGY & NUCLEAR PHYSICS (CHEP2023)

Monday, May 8, 2023

Track 3+9 Crossover: Simulation - Chesapeake Meeting Room (2:00 PM - 3:30 PM)

-Conveners: SOFIA VALLECORSA; Marilena Bandieramonte

time	[id] title	presenter
2:00 PM	[416] Development of particle flow algorithms based on Neural Network techniques for the IDEA calorimeter at future colliders	DONOFRIO, Adelina
2:15 PM	[204] PARSIFAL: parametrized simulation of triple-GEM and micro-RWELL response to a charged particle	FARINELLI, Riccardo
2:30 PM	[420] The AtlFast3, the ATLAS fast simulation tool in Run3	Dr FAUCCI GIANNELLI, Michele
2:45 PM	[483] Simulation and Reconstruction of Photoelectric X-ray Polarimetry on LPD	Dr YI, Difan
3:00 PM	[629] The LHCb ultra-fast simulation option, Lamarr: design and validation	BARBETTI, Matteo
3:15 PM	[538] Generative Models for Fast Simulation of Electromagnetic and Hadronic Showers in Highly Granular Calorimeters	Mr GAEDE, Frank

Thursday, May 11, 2023

Track 3+9 Crossover: FastSim - Marriott Ballroom I (2:00 PM - 3:30 PM)

-Conveners: Sandro Wenzel; Marilena Bandieramonte

time	[id] title	presenter
2:00 PM	[100] Simulation of Hadronic Interactions with Deep Generative Models	Mr PHAM, Tuan Minh
2:15 PM	[523] Generating Accurate Showers in Highly Granular Calorimeters Using Normalizing Flows	Mr BUSS, Thorsten
2:30 PM	[549] The CaloChallenge insights & findings	Dr FAUCCI GIANNELLI, Michele
2:45 PM	[54] Fast and Accurate Calorimeter Simulation with Diffusion Models	AMRAM, Oz
3:00 PM	[405] Transformers for Generalized Fast Shower Simulation	RAIKWAR, Piyush
3:15 PM	[83] Refining fast simulation using machine learning	WOLF, Moritz