CHEF2019 - Calorimetry for the High Energy Frontier 2019

Thursday 28 November 2019

Simulation, Geant4, PFA (14:00 - 16:00)

   -Conveners: Frank Simon

time	[id] title	presenter
14:00	[76] Geant4 status and prospect	ASAI, Makoto
14:20	[59] Status of Geant4 simulation of calorimeters	Prof. IVANTCHENKO, Vladimir
14:40	[37] A relation between track length and deposited energy in homogeneous calorimeter by GEANT4 simulation at high energy	Dr TAKESHITA, Tohru TAKESHITA, Toru TAKESHITA, Toru
15:00	[29] Using Machine Learning to Speed Up and Improve Calorimeter R&D	RATNIKOV, Fedor
15:20	[69] Resistive Plate Chamber digitisation for highly granular calorimeter	BOUMEDIENE, Djamel Eddine

Simulation, Geant4, PFA (16:20 - 18:00)

   -Conveners: Frank Simon

time	[id] title	presenter
16:20	[13] APRIL : a novel Algorithm for Particle Reconstruction at ILC.	GRENIER, Gerald
16:40	[26] Reconstruction in an imaging calorimeter for HL-LHC	DI PILATO, Antonio
17:00	[16] Recent results on calorimetry for future e+e- colliders	VIAZLO, Oleksandr
17:20	[39] R&D of the Energy Calibration for the SiD EM Calorimeter based on Machine Learning	IWASAKI, Masako
17:40	[46] The study of photon reconstruction performance at CEPC baseline detector	SHEN, Yuqiao