RD51 Mini-Week

Thursday 18 February 2021

WG4 - Modelling of Physics Processes and Software Tools **(09:00 - 12:45)**

  -Conveners: Piet Verwilligen; Rob Veenhof; Ozkan Sahin

time	[id] title	presenter
09:00	[247] Garfield++ Parallelization	NIKOLOPOULOS, Konstantinos SLATER, Mark SLATER, Mark William
09:25	[249] Hydrodynamic Approach to Simulate Avalanche and Streamer in Gaseous Detectors	DATTA, Jaydeep
09:45	[248] Numerical evaluation of a muon tomography system for imaging defects in concrete structures.	TRIPATHY, SRIDHAR
10:05	[251] Energy Transfer Model for Ne-CO2 and Ne-N2 Mixtures; news for ATLAS mixtures (Ar-CO2-iC4H10)	SAHIN, Ozkan SAHIN, Ozkan SAHIN, ozkan
10:30	Coffee break (please serve yourself!)	
10:45	[252] A fast simulation method for THGEM charging-up study	GUSONG, Guofeng GUSONG, Guofeng
11:05	[246] Ion Animations in a Triple GEM detector	BAL, Aritra
11:25	[250] Recent advances in dynamic effect calculations in OuroborosBEM	SALVADOR, Samuel
11:45	[257] An update on the modeling of signal formation in detectors with resistive elements	JANSSENS, Djunes