

3rd Allpix Squared User Workshop

Monday 9 May 2022

Applications & Studies (14:40 - 16:20)

-Conveners: Manuel Alejandro Del Rio Viera

time	[id] title	presenter
14:40	[2] Simulation of HR GaAs:Cr Timepix3 detectors with Allpix2	Dr SMOLYANSKIY, Petr
15:05	[9] Radial strip detectors in Allpix-Squared	PRIVARA, Radek
15:30	[10] Simulation of hybrid pixels using precise TCAD simulations	NAKKALIL, Keerthi BOMBEN, Marco
15:55	[5] Cosmic Strips Telescope Simulation with Allpix	CASPAR, Maximilian

Tuesday 10 May 2022

Applications & Studies (13:00 - 14:40)

-Conveners: Paul Schütze

time	[id] title	presenter
13:25	[6] Development and simulation of a new preshower detector for the FASER experiment at the LHC	KOTITSA, Rafaella Eleni
13:50	[13] Simulations of 65 nm silicon sensors using Allpix Squared	DEL RIO VIERA, Manuel Alejandro
14:15	[12] Beam telescope simulations in Allpix Squared	RUIZ DAZA, Sara

Applications & Studies (15:00 - 16:40)

-Conveners: Håkan Wennlöf

time	[id] title	presenter
15:00	[4] Simulating the 100 μ PET scanner	SAIDI, Jihad
15:25	[17] Using Allpix Squared for proton computed tomography	KRAUSE, Christopher
15:50	[16] Combining COMSOL and Monte Carlo Methods to Simulate SiC Sensors using the Allpix2 Framework	XUE, Sha
16:15	[11] Allpix2 Simulations of Particle Interactions in Cell Phone Camera Image Sensors for DECO	LI, Runze