

IFD2022 - INFN Workshop on Future Detectors

Monday, 17 October 2022

Solid State Detectors: Solid State Detectors (17:15 - 19:30)

-Conveners: Claudia Gemme; Adriano Lai; Nicolo' Cartiglia; Giovanni Ambrosi

time	[id] title	presenter
17:15	[15] Introduzione, Technologies for solid-state trackers	
17:45	[16] Rapidfire talks	
	- [1] Innovations in the design of thin silicon sensors for extreme fluences	MOROZZI, Arianna
	- [2] ARCADIA - piattaforma INFN per FD-MAPS in tecnologia CMOS	DA ROCHA ROLO, Manuel Dionisio
	- [3] Novel ionizing radiation detectors based on perovskite films	CIAVATTI, Andrea
	- [4] Thin monolithic pixel sensors with fast operational amplifier output in a 65 nm imaging technology	SAVINO, Umberto
	- [5] ALICE ITS3: the first truly cylindrical inner tracker	COLELLA, Domenico
	- [7] Timespot timing performance from 3D trenches sensors	LOI, Angelo
	- [6] Timespot results on CMOS 28nm electronics	PICCOLO, Lorenzo
	- [8] Requirements for Si-microstrip (LGAD) for next generation space detectors	DURANTI, Matteo
	- [9] Silicon Photonics high speed links for HEP and space	PALLA, Fabrizio
	- [10] Organic thin films as flexible, large area X-ray and proton detectors	FRABONI, Beatrice
18:45	[17] Discussione	