

19th International Workshop on Radiation Imaging Detectors

Tuesday, 4 July 2017

Sensors (11:00 - 12:40)

-Conveners: Renata Longo

time	[id] title	presenter
11:00	[116] Efficient, fast 511-keV γ detection through Cherenkov radiation and ionization: the CaLIPSO detector for PET Imaging	YVON, Dominique
11:20	[117] Development of the Fast and Efficient Gamma Detector Using Cherenkov Light for TOF-PET	CANOT, Clotilde
11:40	[118] GaAs sensors with microstrip and pixelated detectors	RUAT, Marie
12:00	[119] Characterisation of GaAs:Cr pixel sensors coupled to TIMEPIX chips in view of synchrotron applications	PONCHUT , Cyril
12:20	[120] Spectral performance, characterisation and simulation of 5 mm thick CZT detectors hybridised to a Timepix ASIC	CHERLIN, Alexander

Wednesday, 5 July 2017

Sensors (11:00 - 12:40)

-Conveners: Ralf Menk

time	[id] title	presenter
11:00	[121] Nanoparticle aerosol as radiation detection medium in gaseous proportional counters: an alternative solution for neutron detection	DOS SANTOS, Joaquim
11:20	[122] Characterisation of a neutron diffraction detector prototype based on the Trench-MWPC technology	MARCHAL, Julien
11:40	[123] Electrical characterization of FBK small-pitch 3D sensors after γ -ray, neutron and proton irradiations	DALLA BETTA, Gian-Franco
12:00	[124] Comparison of Experimental Results of a Quad-CZT Array Detector and NaI(Tl), LaBr ₃ (Ce), HM-5, HPGe for Nuclear Safeguards Applications	KWAK, Sung-Woo
12:20	[125] Silicon Pixel Sensor Processing on 8" High Resistivity Wafers	KALLIOPUSKA, Juha

Thursday, 6 July 2017

Sensors (11:00 - 12:40)

-Conveners: Cinzia Da Via

time	[id] title	presenter
11:00	[111] Thin n-in-p planar pixel developments for the ATLAS ITK	SAVIC, Natascha
11:20	[112] CMOS pixel development for the ATLAS experiment at the HL-LHC	GAUDIELLO, Andrea
11:40	[113] Performance study of double SOI image sensors	MIYOSHI, Toshinobu
12:00	[114] The test beam results of SOI pixel detector	IDZIK, Marek
12:20	[115] The Tynode: a new vacuum electron multiplier for ultra fast pixelised particle detectors	DUARTE PINTO, Serge