Eleventh International Workshop on Semiconductor Pixel Detectors for Particles and Imaging

mercredi 20 novembre 2024

Sensing materials & Radiaiton tolerance - Amphitheatre (08:30 - 10:07)

-Présidents de session: Frédéric MOREL

time	[id] title	presenter
08:30	[119] Wide band-gap material sensors for applications in high energy physics experiments	OH, Alexander
09:10	[74] Development of high radiation tolerance detector with CIGS	ITABASHI, Kosuke
09:30	[58] First generation 4H-SiC LGAD production and its performance evaluation	NOVOTNÝ, Radek
09:47	[103] Compensated LGAD – An innovative design of thin silicon sensors for very high fluences	FERRERO, Marco

Sensing materials & Radiaiton tolerance - Amphitheatre (10:30 - 12:24)

-Présidents de session: Christian Finck

time	[id] title	presenter
10:30	[120] Realistic Monte Carlo simulation of silicon particle detectors for timing and tracking with Garfield++	MANDURRINO, Marco
11:10	[20] Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN	BINDI, Marcello
11:30	[68] A lightweight algorithm to model radiation damage effects in Monte Carlo events for High-Luminosity LHC experiments	BOMBEN, Marco
11:47	[38] 10µm Global Shutter Pixel for Radiation Tolerant CMOS Image Sensors	T. SANTOS, Pedro Nuno
12:04	[22] Evaluation of pixel sensors produced with a commercial 150nm CMOS process for the CMS Phase-2 Upgrade	HARTE, Thierry Guillaume