

Eleventh International Workshop on Semiconductor Pixel Detectors for Particles and Imaging

jeudi 21 novembre 2024

Posters - Amphitheatre (12:01 - 12:31)

-Présidents de session: Jerome Baudot

Posters - Winter garden (13:15 - 15:30)

time	[id] title	presenter
13:15	[117] Recent test beams results of ATLAS ITk pixel modules	SAMY, Md Arif Abdulla
13:18	[75] Qualification and Characterization of Mupix11 sensor modules for the Mu3e Vertex Detector	SENGER, Thomas
13:21	[104] Thin LGADs as radiation-resilient sensors for 4D tracking	DURANDO, Matteo
13:24	[14] Design and construction of the Outer Tracker for the Phase-2 Upgrade	ZOI, Irene
13:27	[41] Caribou: A versatile data acquisition system for silicon pixel detector prototyping	OTARID, Younes
13:30	[56] A small area 11-bit SAR ADC for integrating pixel detectors at high repetition rate XFELs	Jl, zizhao
13:33	[32] Radiation damage effects in ATLAS Pixels and their simulations: status, results and and perspectives.	BOMBEN, Marco
13:36	[12] Design, performance and future prospects of vertex detectors at the FCC-ee	PALLA, Fabrizio
13:39	[47] DuTiP Vertex Detector for Belle II Upgrade and ILC	YAMADA, Miho
13:42	[33] Towards the construction of the ATLAS ITk Pixel innermost layer	RAVERA, Simone
13:45	[48] HEPS-BPIX4 : Process in 6M hybrid pixel detector design and engineering prototype for HEPS	M. LI, Zhenjie
13:48	[98] DC resistive read-out silicon sensors for future 4D tracking: recent advancements and first prototypes characterization.	ARCIDIACONO, Roberta
13:51	[3] ATLASPix3 Serial powering and multi-chip module studies for future HV-CMOS tracker	HÜBNER, Marco
13:54	[60] Topmetal-M3: a position and time sensitive MAPS with delay line readout	GAO, Chaosong M. CHEN, Qianjun
13:57	[69] Integration Concept of the CBM Micro Vertex Detector	MUENTZ, Christian MATEJCEK, Franz
14:00	[64] Synchronous and Asynchronous Data Quality Control of the ALICE Inner Tracking System in the LHC Run 3	KUSHPIL, Svetlana
14:03	[34] ATLAS ITk Production Database use and tools for ITk Pixels community	SELEM, Luka
14:06	[7] Charecterization of CMOS sensor using X-ray irradiation	Mlle VIJAY, Anusree
14:09	[9] Gain suppression studies at the CENPA tandem accelerator	MAZZA, Simone Michele
14:12	[93] Performance studies of the CE-65v2 MAPS prototype structure	LORENZETTI, Alessandra

14:15	[100] Early evaluation of the triggering capacity of an upgrade Vertex Detector for the of the Belle II experiment	MAUSHART, Matteo
14:18	[118] X-ray Irradiation Campaigns of the Monopix depleted monolithic active pixel sensors	SCHALL, Lars SCHALL, Lars
14:21	[25] Low dose gamma irradiation study of ATLAS ITk MD8 diodes and miniature strip sensors	MIKESTIKOVA, Marcela
14:24	[29] Testing small scale devices for ALICE ITS3 upgrade	STURNIOLO, Alessandro
14:27	[105] TCAD and charge transport simulations of MAPS in 65nm for the ALICE ITS3	SANNA, Isabella
14:30	[111] A Column-level ADC designed to CMOS image sensors	YANG, Ping
14:33	[115] Ghosts as self-sustained avalanches in Ti-LGADs with different self-quenching times: Linking experimental data, hypotheses and simulations	LASTOVICKA MEDIN, Gordana
14:36	[24] Performance and Design Validation of CMS Phase-2 Pixel Modules	BONOMELLI, Giorgia
14:39	[95] Optimization of monolithic pixel sensors for high energy physics applications using 3D TCAD simulations	BORGHELLO, Giulio
14:42	[31] A prototype pixel readout chip with column-level ADC for high frame rate XFEL applications	M. LU, Shijie
14:45	[90] Design and production of timing optimised 3D silicon sensors for future LHC experiments and beyond	Dr YE, Jixing
14:48	[2] Effect of 1 MeV neutron-irradiation on the electrical properties of Si-based diodes.	BODUNRIN, Joseph