

VCI2019 - The 15th Vienna Conference on Instrumentation

Tuesday 19 February 2019

Semiconductor Detectors - EI7 (14:00-15:40)

-Conveners: Christoph Schwanda

time	[id] title	presenter
14:00	[629] EDET DH80k - Characterization of a DePFET based sensors for TEM Direct Electron Imaging	PREDIKAKA, Mitja
14:25	[608] Deep Diffused Avalanche Photodiodes for Charged Particle Timing	CENTIS VIGNALI, Matteo
14:50	[659] New test beam results of 3D detectors constructed with poly-crystalline CVD diamond	REICHMANN, Michael Philipp
15:15	[785] In-depth study of Inverse-Low Gain Avalanche Detectors (ILGAD) for 4-dimensional tracking and radiation tolerance assessment of thin LGAD	CURRAS RIVERA, Esteban

Semiconductor Detectors - EI7 (16:30-18:10)

-Conveners: Marko Dragicevic

time	[id] title	presenter
16:30	[640] Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider	LANTZSCH, Kerstin
16:55	[577] Operational Experience of the Phase-1 CMS Pixel Detector	VORMWALD, Benedikt
17:20	[812] The CMS Pixel Detector for the High Luminosity LHC	SGUAZZONI, Giacomo
17:45	[738] Belle II Pixel Detector – Performance of final DEPFET Modules	Mr PASCHEN, Botho

Wednesday 20 February 2019

Semiconductor Detectors - EI7 (09:00-10:40)

-Conveners: Marko Dragicevic

time	[id] title	presenter
09:00	[546] The EUSO-SPB2 mission	SCOTTI, Valentina
09:25	[828] APiX: a two-tier avalanche pixel sensor for charged particle detection and timing.	Dr BROGI, Paolo
09:50	[898] Microfabricated silicon substrates for pixel detectors assembly and thermal management	MAPELLI, Alessandro
10:15	[891] RD53A: a large-scale prototype chip for the phase II upgrade in the serially powered HL-LHC pixel detectors	DIMITRIEVSKA, Aleksandra

Thursday 21 February 2019

Semiconductor Detectors - EI7 (09:00-10:40)

-Conveners: Markus Friedl

time	[id] title	presenter
09:00	[619] The ATLAS ITk Strip Detector System for the Phase-II LHC Upgrade	KELLER, John Stakely
09:25	[729] Commissioning of the Belle II Silicon Vertex Detector	CASAROSA, Giulia
09:50	[648] A High-Granularity Timing Detector for the Phase-II upgrade of the ATLAS Calorimeter system: detector concept, description and R&D and first beam test results	LUND-JENSEN, Bengt
10:15	[782] The Gigatracker, the silicon beam tracker for the NA62 experiment at CERN.	FEDERICI, Luca

Semiconductor Detectors - EI7 (14:00-15:40)

-Conveners: Thomas Bergauer

time	[id] title	presenter
14:00	[822] Silicon Detectors for the LHC Phase-II Upgrade and Beyond – RD50 Status Report	SZUMLAK, Tomasz ON BEHALF OF THE RD50 COLLABORATION
14:25	[778] High resolution three dimensional characterization of irradiated silicon detectors using a Two Photon Absorption-TCT	FERNANDEZ GARCIA, Marcos
14:50	[495] Measurements and Simulations of Surface Radiation Damage Effects on IFX and HPK Test Structures	MOSCATELLI, Francesco
15:15	[542] Bulk engineering for enhanced lateral drift sensors	JANSEN, Hendrik

Semiconductor Detectors - EI7 (16:30-18:10)

-Conveners: Christoph Schwanda

time	[id] title	presenter
16:30	[592] Measurement results of the MALTA monolithic pixel detector	SCHIOPPA, Enrico Junior
16:55	[768] Radiation characterization of two large and fully depleted CMOS pixel matrices fabricated in 150 nm and 180 nm technologies	HIRONO, Toko
17:20	[721] Towards wafer-scale monolithic CMOS integrated pixel detectors for X-ray photon counting	NEVES, Jorge
17:45	[831] Radiation hard active pixel sensor with 25 μ m x 50 μ m pixel size designed for capacitive readout with RD53 ASIC	ZHANG, Hui