

VCI2016 - The 14th Vienna Conference on Instrumentation

Tuesday, 16 February 2016

Semiconductor Detectors: Radiation Hardness - E17 (14:00 - 15:40)

-Conveners: Lutz Feld

time	[id] title	presenter
14:00	[315] Radiation Hard Silicon Particle Detectors for HL-LHC – RD50 Status Report	TERZO, Stefano
14:25	[44] Radiation hardness study of Silicon Detectors for the CMS High Granularity Calorimeter (HGCAL)	CURRAS RIVERA, Esteban
14:50	[254] Surface effects in segmented silicon sensors	Dr SCHWANDT, Joern
15:15	[412] LHCb VELO: Radiation Damage Effects and Operations in LHC Run 2	CARVALHO AKIBA, Kazu

Semiconductor Detectors: Detector Systems - E17 (16:30 - 18:10)

-Conveners: Markus Friedl

time	[id] title	presenter
16:30	[382] The LHCb VELO Upgrade	HENNESSY, Karol
16:55	[268] A new timing detector for the CT-PPS detector of CMS	ARCIDIACONO, Roberta
17:20	[266] The Belle II SVD assembly and mechanics	BETTARINI, Stefano
17:45	[227] The Silicon Tracking System of the CBM experiment at FAIR	Dr LYMANETS, Anton

Wednesday, 17 February 2016

Semiconductor Detectors: Miscellaneous - E17 (09:00 - 10:40)

-Conveners: Giacomo Sguazzoni

time	[id] title	presenter
09:00	[3] Summary of Medipix Technology's 3-Years in Space and Plans for Future Developments	Prof. PINSKY, Lawrence
09:25	[426] Large area CNT-Si heterojunction for photodetection	ARAMO, Carla
09:50	[76] Characterization of a large CdZnTe coplanar quad-grid semiconductor detector	THEINERT, Robert
10:15	[135] First prototypes of two-tier avalanche pixel sensors for particle detection	PANCHERI, Lucio

Semiconductor Detectors: Strip Detectors - E17 (11:30 - 12:45)

-Conveners: Marko Dragicevic

time	[id] title	presenter
11:30	[239] The ATLAS ITK strip detector - status of R&D	Dr GARCIA ARGOS, Carlos
11:55	[29] Upgrades of the CMS outer tracker detector for the HL-LHC	SGUAZZONI, Giacomo
12:20	[33] Exploring the quality of latest sensor prototypes for the CMS Outer Tracker Upgrade	KONIG, Axel

Thursday, 18 February 2016

Semiconductor Detectors: Pixel 1 - E17 (09:00 - 10:40)

-Conveners: Doris Eckstein

time	[id] title	presenter
09:00	[65] The Phase-1 Upgrade of the CMS Pixel Detector	KLEIN, Katja
09:25	[26] Pixel Sensors with slim edges and small pitches for the CMS upgrades for HL-LHC	VERNIERI, Caterina
09:50	[333] Thin hybrid pixel assembly fabrication development with backside compensation layer	MUNOZ SANCHEZ, Francisca
10:15	[340] The NA62 GigaTracker	PERRIN-TERRIN, Mathieu

Semiconductor Detectors: Diamonds - E17 (11:30 - 12:45)

-Conveners: Doris Eckstein

time	[id] title	presenter
11:30	[293] Test beam results of 3D detectors constructed with single-crystal and poly-crystalline diamond	BACHMAIR, Felix Caspar
11:55	[372] Progress and questions about sCVD Diamond Detectors for Particle Tracking	Dr BROM, Jean-Marie

Semiconductor Detectors: Pixel 2 - E17 (14:00 - 15:40)

-Conveners: Thomas Bergauer

time	[id] title	presenter
14:00	[160] From Vertex detectors to Inner Trackers with CMOS pixel sensors	PEREZ PEREZ, Luis Alejandro
14:25	[345] Current development status of High Voltage and High Resistivity CMOS technology for high energy physics applications	KANISAUSKAS, Kestutis
14:50	[226] Recent results with HV-CMOS and planar sensors for the CLIC vertex detector	ALIPOUR TEHRANI, Niloufar
15:15	[113] The MuPix HV-MAPS system-on-chip for the Mu3e experiment	WIEDNER, Dirk

Semiconductor Detectors: Pixel 3 (16:30 - 18:10)

time	[id] title	presenter
16:30	[133] A low mass vertically integrated pixel system for the HL-LHC	DA VIA, Cinzia
16:55	[301] Improved Process Technologies in the SOI Pixel Detectors	ARAI, Yasuo
17:20	[306] Performance of $M^{\text{ON}}\text{NCH}$, a 25- μm pixel pitch detector for photon science	RAMILLI, Marco
17:45	[389] The DEPFET Detector-Amplifier Structure for Spectroscopic Imaging in Astronomy and for Experiments at Free Electron Lasers	Dr LUTZ, Gerhard