

FRONTIER DETECTORS FOR FRONTIER PHYSICS

13th Pisa Meeting on Advanced Detectors

Thursday, May 28, 2015

Solid State Detectors - Poster Session (9:00 AM - 10:55 AM)

time	[id] title	presenter
9:00 AM	[375] A direction sensitive sapphire detector for single particle detection	KARACHEBAN, Olena
9:01 AM	[374] A new on-line luminometer and beam conditions monitor using single crystal diamond sensors	Ms KARACHEBAN, Olena
9:03 AM	[303] Belle-II SVD ladder assembly procedures	Mr BABU, Varghese
9:04 AM	[262] Belle-II VXD radiation monitoring and beam abort with scCVD diamond sensors.	VITALE, Lorenzo
9:05 AM	[157] CLIC vertex detector R&D	ALIPOUR TEHRANI, Niloufar
9:06 AM	[202] CO2 evaporative cooling: the future for tracking detector thermal management	TROPEA, Paola
9:07 AM	[153] Characterization of Depleted Monolithic Active Pixel Detectors with High-Resistive CMOS Technology	Dr KISHISHITA, Tetsuichi
9:08 AM	[283] Characterization of Si Detectors through TCT Technique at Delhi University	Ms JAIN, Geetika
9:09 AM	[57] Charge collection studies of neutron irradiated double sided silicon strip detectors for double metallization or cable interconnections for the end strips	Dr SINGLA, Minni
9:10 AM	[295] Design Optimization of Pixel sensors using device simulations for Phase-II CMS tracker upgrade	Dr LALWANI, K.
9:11 AM	[148] Design and TCAD simulation of planar p-on-n active-edge pixel sensors for the next generation of FELs	Prof. DALLA BETTA, Gian Franco
9:12 AM	[110] Developing Silicon Strip Detectors with a large-scale commercial foundry	Mr KÖNIG, Axel
9:13 AM	[146] Development of a New Generation of 3D Pixel Sensors for HL-LHC	Mr BOSCARDIN, Maurizio
9:14 AM	[137] Development of arrays of Silicon Drift Detectors and readout ASICs for the SIDDHARTA experiment	SCHEMBARI, Filippo
9:15 AM	[37] Development of radiation hard CMOS Active Pixel Sensors for HL-LHC	Dr PERNEGGER, Heinz
9:16 AM	[121] First results from the Over-depleted CMOS Monolithic Active Pixel Sensor project (OverMOS)	Dr DOPKE, Jens
9:17 AM	[26] First results of a novel silicon drift detector array designed for low energy X-ray fluorescence spectroscopy	Mr RACHEVSKI, Alexandre
9:18 AM	[98] Generalization of the One Dimensional Modeling and Design Considerations of Spiral Si Drift Detectors: Flat (Straight) Drift Channels and Constant Drift Fields	Prof. LI, Zheng
9:19 AM	[213] Graphene-based Field Effect Transistors as Radiation Sensors	DI GASPARE, Alessandra
9:20 AM	[159] High Voltage Monolithic Active Pixel Sensors for the PANDA Luminosity Detector	Dr FELDBAUER, Florian

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9:21 AM	[242] High-Voltage CMOS Detectors	Prof. PERIC, Ivan
9:22 AM	[109] Modeling of Radiation Damage Effects in Silicon Detectors at High Fluences HL LHC with Sentaurus TCAD	PASSERI, Daniele
9:24 AM	[386] Pixel telescope for luminosity measurement	KORNMAYER, Andreas
9:26 AM	[94] Silicon strip tracking detector development and prototyping for the Phase-2 Upgrade of the ATLAS experiment	Dr KUEHN, Susanne
9:27 AM	[60] The ATLAS Diamond Beam Monitor	Dr SCHAEFER, Doug
9:28 AM	[2] Downscaling of detectors on high resistivity semiconductors	Prof. RUZIN, Arie