

WIT2012 Workshop on Intelligent Trackers

Thursday, 3 May 2012

Posters (20:00 - 21:00)

| [id] title | presenter | board |
|--|--|-------|
| [39] Development of high performance tracking layers as a sandwich of optimised CMOS pixel sensors | BAUDOT, Jerome | |
| [29] Monolithic Active Pixel Matrix with Binary Counters (MAMBO) ASIC, using a nested well structure to decouple the detector from the electronics | KHALID, Farah | |
| [24] Interconnect issues for the CMS 3-D track trigger | Prof. TRIPATHI, Mani | |
| [58] Micro-channel cooling for pixel detectors | BOSI, Filippo | |
| [25] A fast digital readout architecture for vertically integrated pixel sensors | Dr GIORGI, Filippo Maria | |
| [32] Online tracking applications of the general purpose EDRO Board | Prof. VILLA, Mauro | |
| [4] Nanosecond Timing Resolution with the APV25 | Dr FRIEDL, Markus | |
| [23] The ultra low mass cooling system of the Belle II DEPFET detector | Dr MARINAS PARDO, Carlos | |
| [22] A Dedicated Electronics-Based Pixel Tracking System for CMS for HL-LHC Luminosities | GILMORE, Jason | |
| [45] Radiation tolerant IP-cores for the control and readout of Front-End electronics in future Silicon detectors | MAGAZZU, Guido | |
| [13] A Low Mass On-chip Readout Scheme for Double-sided Silicon Strip Detectors | Mr IRMLER, Christian | |
| [50] Progress on silicon and carbon foam composite wafers for interposer or hybrid use | GARCIA-SCIVERES, Mauricio | |
| [34] A Fast General-Purpose Clustering Algorithm Based on FPGAs for High-Throughput Data Processing | BERETTA, Matteo Mario | |
| [17] Quadruple well CMOS MAPS for particle tracking with pixel-level analog processing, discrimination and time stamping | Dr ZUCCA, Stefano | |
| [47] Status of Work on Vertically Integrated Circuits | DEPTUCH, Grzegorz | |
| [11] Modulator Based High Bandwidth Optical Links for HEP Experiments | STANEK, Bob UNDERWOOD, David Dr FERNANDO, Waruna | |
| [36] A 0.18 μm CMOS Low-Power Radiation Sensor for Asynchronous Event-Driven UWB Wireless Transmission | Dr GABRIELLI, Alessandro | |
| [1] A tracker for the novel mu3e experiment based on high voltage monolithic active pixel sensors | WIEDNER, Dirk | |
| [35] Study of system integration for the pixel detector of the PANDA experiment | CALVO, Daniela | |
| [12] The First Prototype for the FastTracker Processing Unit | MAGALOTTI, Daniel | |