

Tipp 2014 - Third International Conference on Technology and Instrumentation in Particle Physics

Wednesday 4 June 2014

III.a FE & ASICs: Session 1 - Graanbeurszaal (11:00 - 12:40)

-Conveners: Marek Idzik

time	[id] title	presenter
11:00	[177] 10 Gb/s Radiation-Hard VCSEL Array Driver	Prof. GAN, Kock Kiam
11:20	[318] A serializer ASIC of 16 Gb/s for data transmission over fiber for detector front-end readout in a particle experiment	YE, Jingbo
11:40	[346] A fast, low-power, multichannel 6-bit ADC ASIC with data serialization	Dr SWIENTEK, Krzysztof Piotr
12:00	[406] 128 channel waveform sampling digitizer/readout in the TOP counter for the Belle II upgrade	Mr ANDREW, Matthew
12:20	[430] A New Generation of Charge Integrating ADC (QIE) for the CMS HCAL Upgrade	HUGHES, Elliot

Thursday 5 June 2014

III.a FE & ASICs: Session 2 - Graanbeurszaal (16:10 - 18:10)

-Conveners: Xavi Llopart Cudie

time	[id] title	presenter
16:10	[129] Frontend Electronics for high-precision single photo-electron timing	Mr CARDINALI, Matteo Dr HOEK, Matthias
16:30	[141] SPACIROC3: A Front-End Readout ASIC for JEM-EUSO cosmic ray observatory	Mrs BLIN, Sylvie
16:50	[146] PETIROC2 : 32 ch SiGe SiPM readout ASIC for GHz time and charge measurement	Dr DE LA TAILLE, Christophe
17:10	[104] The TDCPix ASIC: Tracking for the NA62 GigaTracker	NOY, Matthew
17:30	[398] CLARO-CMOS: a fast, low power and radiation-hard front-end ASIC for single-photon counting in 0.35 micron CMOS technology	GOTTI, Claudio

Friday 6 June 2014

III.a FE & ASICs: Session 3 - Keurzaal (11:00 - 12:40)

-Conveners: Xavi Llopart Cudie

time	[id] title	presenter
11:00	[50] Recent Status of Front-end Electronics for DEPFET pixel detectors for Belle-II	KISHISHITA, Tetsuichi
11:20	[378] Design of a Low-Noise, Charge Sensitive Amplifier for MCP-PMT Detector Readout	Dr COONEY, Michael
11:40	[326] A High-Speed Electron Beam Profile Monitor for the Synchrotron Radiation Source	Mr KOTELNIKOV, Aleksandr
12:00	[57] Vertex-Detector R&D for CLIC	DANNHEIM, Dominik
12:20	[456] The Timepix3 readout chip: design, tests and first measurements with silicon sensors	DE GASPARI, Massimiliano