



# TWEPP-08 Topical Workshop on Electronics for Particle Physics

## Thursday 18 September 2008

### POSTERS SESSION (16:15 - 18:15)

[id] title	presenter	board
[111] A GOL Based Optical Demo Link to Study System Issues for the ATLAS Inner Detector Readout Upgrade	Prof. YE, Jingbo	
[112] Detector noise susceptibility issues for the future generation of High Energy Physics Experiments	Dr ARTECHE, Fernando	
[63] Operational Experience With The SCT Optical Links	Dr WEIDBERG, Anthony	
[119] Low Power Multi_dynamics Front End for the Optical Module of a neutrino underwater telescope	Dr LO PRESTI, Domenico	
[86] A Radiation Tolerant Current Reference Circuit in a standard 0.13um CMOS Technology.	GROMOV, Vladimir	
[2] Implementation of the control and supervision of ALICE ZDC positioning systems	Mr SWOBODA, Detlef	
[117] Development of a fast readout system for DEPFET sensors	Mr KOCH, Manuel	
[127] Distributed Low Voltage System for the FrontEnd electronics of the HADES RPC TOF wall	Mr GIL-ORTIZ, Alejandro	
[70] LLRF electronics for the CNAO synchrotron	Mr VESCOVI, Christophe	
[38] Instrumentation for Gate Current Noise Measurements on sub-100 nm MOS Transistors	GAIONI, Luigi	
[65] Completion of the CMS Muon Barrel Alignment System and its integration into the CMS detector environment.	Dr SZÉKELY, Géza	
[41] Control, test and monitoring software framework for the ATLAS Level-1 Calorimeter Trigger	Dr LANDON, Murrough	
[96] Grounding, Shielding and Cooling Issues on LHCb electronics at the LHC pit 8.	Dr LACARRERE, Daniel	
[34] Digital part of PARISROC: a photomultiplier array readout chip	Mr DULUCQ, FREDERIC	
[99] DC- DC Power Conversion with Voltage Ratios > 10 for LHC Upgrade Detectors DC- DC Power Conversion with Voltage Ratios > 10 for LHC Upgrade Detectors	Dr DHAWAN, Satish	
[90] A dual scale 1mW full flash ADC for the ILC vertex detector	BOHNER, gerard	
[10] Electronics of LHCb calorimeter monitoring system	Dr KONOPLYANNIKOV, Anatoli	
[32] The Common Infrastructure Control of the Atlas experiment	Mr GUTZWILLER, Olivier	
[5] ATLAS Level-1 Level-2 Trigger Integration Commissioning	Dr ZHANG, Jinlong	
[27] Mezzanine Cards for the EMU CSC System Upgrade at the CMS	Mr MATVEEV, Mikhail	
[58] Testing and calibrating analogue inputs to the ATLAS Level-1 Calorimeter Trigger	Dr STAMEN, Rainer	
[28] Detector Control System for the electromagnetic calorimeter in the CMS experiment – summary of the first operational experience.	DI CALAFIORI, Diogo	

<b>[42] The TOTEM Roman Pot Motherboard</b>	Mr ANTCHÉV, Gueorgui	
<b>[9] The Liquid Argon Jet Trigger of the H1 Experiment at HERA</b>	Dr BOB, Olivier	
<b>[122] Commissioning the CMS silicon strip tracker</b>	Dr BAINBRIDGE, Robert John	
<b>[82] The CMS Low Voltage System</b>	Dr LUSIN, Sergei	
<b>[74] DAQ and Control Systems for the CMS Global Calorimeter Trigger Matrix Processor</b>	Mr MARROUCHE, Jad	
<b>[102] A small portable test system for the TileCal Digitizer system</b>	Mr HIDVEGI, Attila	
<b>[115] Evaluation of high-speed single fiber communication using Wavelength Division Multiplexing.</b>	Mr ERIKSSON, Daniel	
<b>[18] Characterization of the noise properties of DC to DC converters for the sLHC</b>	Mr BLANCHOT, Georges	
<b>[108] FPGA Implementation of Optimal Filtering Algorithm for TileCal ROD System</b>	Dr TORRES, Jose	
<b>[11] Development and Testing of an Advanced CMOS Readout Architecture dedicated to X-rays silicon strip detectors</b>	Prof. SISKOS, Stylianos	
<b>[45] Achieving Best Performance with VME-based Data Acquisition Systems and 2eSST</b>	GIORDANO, Raffaele	
<b>[134] Data acquisition systems for future calorimetry at the International Linear Collider</b>	WING, Matthew	
<b>[101] 14-bit and 2GS/s low-power digitizing boards for physics experiments</b>	Mr BRETON, Dominique	
<b>[80] Noise analysis of Radiation Detector Charge Sensitive Amplifier Architectures.</b>	Prof. SISKOS, Stylianos	
<b>[48] The Associative Memory for the Self-Triggered SLIM5 Silicon Telescope</b>	CRESCIOLI, Francesco	
<b>[126] Design Considerations for Area-Constrained In-Pixel Photon Counting in Medipix3</b>	Ms WONG, Winnie	
<b>[71] CMS Tracker, ECAL and Pixel Optical Cabling: Installation and Performance verification</b>	Mr RICCI, Daniel	
<b>[3] High-Resolution Time-to-Digital Converter in Field Programmable Gate Array</b>	Dr LOFFREDO, Salvatore	
<b>[107] Power Distribution in a CMS Tracker for SLHC</b>	Dr CUSSANS, David	
<b>[4] Performance of Specific Multi-Mode and Single Mode Passive Optical Components to Co60 Gamma Rays up to SLHC Integrated Doses</b>	Dr HUFFMAN, B. Todd	
<b>[15] Design and measurements of SEU tolerant latches.</b>	MENOUNI, Mohsine	
<b>[47] A multi-channel 24.4 ps bin size Time-to-Digital Converter for HEP applications</b>	Mr MESTER, Christian	
<b>[40] CMS ECAL LV Control System performance</b>	SINGOVSKI, Alexander	
<b>[76] Data Acquisition System for the KL Experiment at J-Parc</b>	Mr BOGDAN, Mircea	
<b>[130] The VFAT production test for the TOTEM experiment.</b>	Dr ASPELL, Paul	
<b>[23] Sub-Nanosecond Machine Timing and Frequency Distribution Via Serial Data Links</b>	ROHLEV, Tony	
<b>[43] Infrastructures and monitoring of the on-line CMS computing center</b>	Dr RACZ, Attila	
<b>[97] Radiation Damage of SiGe HBT Technologies at Different Bias Configurations</b>	Dr ULLÁN, Miguel	
<b>[91] A front end chip for the INNOTEP project including a 8 bits, 100 MS ADC.</b>	CRAMPON, Sebastien	

<b>[30] Fast transient recorder for spectroscopy experiments</b>	Mr HERRMANN, Florian	
<b>[105] The Alice Pixel Trigger Control and Calibration</b>	TORCATO DE MATOS, Cesar	
<b>[24] A prototype ASIC buck converter for LHC upgrades</b>	Mr MICHELIS, Stefano	
<b>[37] Fast FPGA-based trigger and data acquisition system for the CERN experiment NA62: architecture and algorithms</b>	IMBERGAMO, Ermanno	
<b>[64] Results on the Performance of the CMS Global Calorimeter Trigger for Electrons and Jets</b>	Dr FRAZIER, Robert	
<b>[92] SPECS: a Serial Protocol for the Experiment Control System of LHCb</b>	CHARLET, Daniel	
<b>[17] Commissioning of the SDD data concentrator card CARLOSrx</b>	Dr COSTA, Filippo	
<b>[16] The Data Acquisition System of the MAGIC-II Telescope</b>	Dr BITOSS, Massimiliano	
<b>[98] PMM2 ASIC : PARISROC</b>	Dr MARTIN-CHASSARD, Gisele	
<b>[57] SKIROC : A front-end chip to read out the imaging Silicon-Tungsten calorimeter for ILC</b>	Mr FLEURY, Julien	
<b>[51] A Prototype of Low Voltage Power Supply Using Piezoelectric Transformer</b>	IMORI, Masatosi	