

Session Program

13-17 Sept 2004

**10th Workshop on Electronics for LHC and
future Experiments, Boston USA**

Poster papers

Boston Marriott Hotel, Boston USA

Friday 17 September

14:00

Poster papers

Session | **Location:** Boston Marriott Hotel, Boston USA

14:00–14:20

Stand-alone Cosmic Ray Trigger Electronics for the ATLAS Tile Calorimeter

Speaker

Fukun Tang

14:00–14:20

Development of the Bandgap Voltage Reference Circuit, Featuring Dynamic-Threshold MOS Transistors (DTMOST's) in 0.13um CMOS Technology

Speaker

Vladimir Gromov

14:00–14:20

A VME Board Prototype of High Voltage Power Supply Incorporating Piezoelectric Ceramic Transformer

Speaker

Mastosi Imori

14:00–14:20

The OTIS TDC For LHCb Outer Tracker Readout

Speaker

Harald Deppe

14:00–14:20

The ATLAS Local Trigger Processor

Speaker

Philippe Farthouat

14:00–14:20

A novel String Banana Template Method for tracks reconstruction in high multiplicity events with significant multiple scattering and its firmware implementation

Speaker

Piotr Kulinich

14:00–14:20

Performance of a Pre-Production Track-Finding Processor for the Level-1 Trigger of the Endcap Muon System

Speaker

Alexander Madorsky

14:00–14:20

Optical Multiplexer Board for TileCal Data Redundancy

Speaker

Jose Torres

14:00–14:20

CMS ECAL FENIX ASIC design methodology

Speaker

Magnus Hansen

14:00-14:20

Pressure monitoring system for the CMS muon chambers**Speaker**

Dezco Novak

14:00-14:20

Software and DAQ for the CMS Silicon Tracker Front End Driver**Speaker**

Jonathan Fulcher

14:00-14:20

The Manufacture of the CMS Tracker Front-End Driver**Speaker**

John Coughlan

14:00-14:20

Control System for the LHCb Muon Front-end Electronics using SCADA PVSS**Speaker**

Rafael Nobrega

14:00-14:20

New look at DC Differential Amplifier structure**Speaker**

Eduard Atkin

Subcontributions

cancelled

14:00-14:20

ALICE DDL Radiation Tolerance Tests for FPGA Configuration Loss**Speaker**

Denes Ervin

14:00-14:20

Radiation qualification of Commercial-Off-The-Shelf LVDS and G-link serializers and deserializers for the ATLAS endcap muon level-1 trigger system**Speaker**

Chikara Fukunaga

14:00-14:20

Possible use of LHC electronics concepts in the molecular imaging field**Speaker**

Patrick Le Du

Subcontributions

no proceedings received

14:00-14:20

Radiation Resistance of the Single Frequency 1310-nm AlGaInAs-InP Grating-Outcoupled Surface-Emitting Laser**Speaker**

Jingbo Ye

14:00-14:20

A Pattern Recognition Scheme for Large Curvature Circular Tracks and an FPGA Implementation Using Hash Sorter**Speaker**

Jinyuan Wu

14:00-14:20

Rad-Tol Pt-100 Isolation Amplifiers for the LHC Cryogenic System**Speaker**

Juan Agapito

14:00-14:20

(A VLSI switch for deskewing and fault tolerance in LVDS links)**Speaker**

Gloria Torralba

Subcontributions

cancelled

15:00