

Session Program

9-15 Jun 2018



21st IEEE Real Time Conference - Colonial Williamsburg

Minioral 4

Woodlands Conference Center
159 Visitor Center Dr, Williamsburg, VA 23185

Thursday 14 June

13:15

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Session | **Location:** Woodlands Conference Center, 159 Visitor Center Dr, Williamsburg, VA 23185 | **Conveners:** Martin Grossmann, Rejean Fontaine

13:15-13:17

511 A novel real-time radiation detector readout and acquisition system for PET

Speaker

Kun Hu

13:17-13:19

513 A multi-channel DAQ system based on FPGA for long-distance transmission in nuclear physical experiments

Speaker

hongwei yu

13:19-13:21

522 Cavity Simulator for European Spallation Source

Speaker

Maciek Grzegorzółka

13:21-13:23

523 Additive phase-noise in frequency conversion in LLRF systems

Speaker

Mr Igor Rutkowski

13:23-13:25

525 Prototype of a multi-host type DAQ front-end system for RI-beam experiments

Speaker

Dr Hidetada Baba

13:25-13:27

533 An sTGC Prototype Readout System for ATLAS New-Small-Wheel Upgrade

Speaker

Peng Miao

13:27-13:29

537 Design of a Programmable Gain Waveform Digitization Instrument for Detector Calibration

Speaker

Mr Jiadong Hu

13:29-13:31

538 The Use of Java in Online Event Building and Recording at Jefferson Lab

Speaker

Carl Timmer

13:31-13:33

540 Simulation System for the Wendelstein 7-X Safety Control System

Speaker
Jörg Schacht

13:33-13:35

541 A low power DAQ system with high-speed storage for submersible buoy

Speaker
Mr Zhilei Zhang

13:35-13:37

546 General purpose readout board π LUP: overview and results.

Speaker
Nico Giangiacomi

13:37-13:39

557 Design of a common verification board for different back-end electronics options of the JUNO experiment

Speaker
yifan yang

13:39-13:41

558 Final design of the readout system for Triple-GEM detectors for the CMS forward muon upgrade

Speaker
yifan yang

13:41-13:43

559 Reduction Signals Method Preserving Spatial and Temporal Capabilities

Speaker
Mr Efthymios Lamprou

13:43-13:45

578 The Fermilab Test Beam Facility Data Acquisition System

Speaker
Eric Flumerfelt

13:45-13:47

580 FELIX based readout of the Single-Phase ProtoDUNE detector

Speaker
Milo Vermeulen

13:47-13:49

581 Java Driver Implementation for the Ethernet Flash ADC

Speaker
John McKisson

13:51-13:53

584 A 14 Gbps low power VCSEL driver for high-energy physics experiments

Speaker
Wei Zhou

13:53-13:55

585 Design and test of sTGC front-end electronic interface board

Speaker
Mr Xu Wang

13:55-13:57

597 Data Acquisition in Phase II Run of the Belle II Experiment

Speaker

Satoru Yamada

13:57-13:59

607 Significant acceleration of development by automating quality assurance of a medical particle accelerator safety system using a formal language driven test stand**Speaker**

Pablo Fernandez Carmona

13:59-14:01

609 Real-time Data Sharing Comparisons Between NSTX-U, DIII-D, and KSTAR**Speaker**

Keith Erickson

14:01-14:03

717 A new approaching method of PSD technique on charge integration ratio to improve neutron/gamma discrimination in low-energy region for EJ-299-33 plastic scintillation detector**Speaker**

Võ Hồng Hải

14:05-14:07

Design and development of the DAQ and Timing Hub for CMS Phase-2**Speaker**

Frans Meijers

14:15-14:17

449 Development of MicroTCA.4 based remote DAQ system for KSTAR Tokamak**Speaker**

giil kwon

14:25