

22-26 Apr 2024



24th IEEE Real Time Conference - ICISE, Quy Nhon, Vietnam

Mini-Orals, Orals Presentations

## **Monday 22 April**

14:00

## **Mini-Orals, Orals Presentations**

**Session** | **Location**:

14:00-14:45 Mini Orals Session I

14:45-15:05

Assessing NI FPGA-based platform with MXIe interface for use in ITER hard realtime investment protection applications

**Speakers** 

Damien Karkinsky, Mr Ignacio García Siguero

15:05-15:25

Real-Time Instability Tracking with Deep Learning on FPGAs in Magnetic **Confinement Fusion Devices** 

Speaker

Ryan Forelli

15:25-15:45

Integration of Hardware Acceleration Techniques in Real-Time Framework using **FPGAs devices** 

Speaker

Cesar Gonzalez Brito

15:45-16:05

Development of a Fast Timing ASIC for Large-area SiPM Array Readout

Speaker

Mingxin Wang

16:05-16:35 Coffee Break

16:35-16:55

Implementation of a Remote Monitoring System for the JUNO experiment

Speaker

Shenghui Liu

16:55-17:15

Evaluation of timing and pulse shape analysis method for the measurement of photoneutron energy distribution using commercially available digitizer

Speaker

Dr Kim Tuyet Tran

17:15-17:35

Design of a fast readout CMOS pixel sensor for the first prototype of CEPC Vertex **Detector** 

Speaker

Xiaomin WEI

17:35-17:55

## Integration of Hyper-Kamiokande Electronics and Test in Super-Kamiokande

Speaker

Yousuke Kataoka

17:55-18:15

Scalable KSTAR Real-time Diagnostic Infrastructure Supporting Disruption Prediction and Avoidance

Speaker

Keith Erickson

18:15