Session Program

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 real-time 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