Session Program

20–26 Sept 2025

ICALEPCS 2025 - The 20th International Conference on Accelerator and Large Experimental Physics Control Systems

THBG MC09 Experiment Control and Data Acquisition

Palmer House Hilton Chicago
17 East Monroe Street Chicago, IL 60603, United States of America

Thursday 25 September

10:45

THBG MC09 Experiment Control and Data Acquisition

Session |
Location: Palmer House Hilton Chicago, Grand Ballroom, 17 East Monroe Street Chicago, IL 60603, United States of America |
Conveners: Mark Rivers, Steven Hartman

10:45–11:00

ESRF's software strategy for high-throughput detectors: parallel and scalable data acquisition with real-time processing.

Speaker
Samuel Debionne

11:00–11:15   FELIX, the ATLAS readout system: from LHC Run 3 to Run 4

Speaker
Ricardo Luz

11:15–11:30

Comparison of distributed DAQ software frameworks for the high-throughput TUPI detector

Speaker
Érico Nogueira Rolim

11:30–11:45

The Karabo middlelayer API and motion control systems at European XFEL

Speaker
David Hickin

11:45–12:00   hklpy2 - 2nd generation Bluesky diffractometer controls

Speaker
Pete Jemian

12:00–12:15

Enhancing efficiency in high-resolution 2D mapping: arbitrary geometry scanning for µXRD/SAXS and µXRF at MAX IV

Speaker
Yimeng Li

12:15