

## **Session Program**

**20-26 Sept 2025**



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

## ***TUMR Mini-Orals (MC03, MC04, MC08)***

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

## Tuesday 23 September

15:00

### TUMR Mini-Orals (MC03, MC04, MC08)

**Session** |

**Location:** Palmer House Hilton Chicago, Red Lacquer Room, 17 East Monroe Street Chicago, IL 60603, United States of America

15:00–15:03

#### A shared virtual machine framework for EPICS hands-on training

**Speaker**

Ralph Lange

15:03–15:06

#### Automated test execution framework for experiment control systems at LCLS

**Speaker**

Christian Tsoi-A-Sue

15:06–15:09

#### No child left behind: managing requirements, interfaces, and communication in high-impact projects

**Speaker**

Mitchell Cabral

15:09–15:12

#### HDB++, a retrospective on 5+ years using Timescale

**Speaker**

Reynald Bourtembourg

15:12–15:15

#### EPICS Summer School: training future scientific control system experts

**Speaker**

Luca Porzio

15:15–15:18

#### The Enhanced Liquid Interface Spectroscopy and Analysis (ELISA) beamline control system prototype

**Speaker**

Maxim Brendike

15:18–15:21

#### Towards sustainable work management in scientific facilities: applying Kanban at ALBA Controls

**Speaker**

Zbigniew Reszela

15:21–15:24

#### Trigger synchronization unit consolidation for SPS and LHC beam dumping kickers systems

**Speaker**

Léa Strobino

15:24–15:27

#### Advanced controls infrastructure for Diamond Light Source

**Speaker**

Gareth Nisbet

15:27-15:30

**Beam Synchronized Acquisition and enhancements to associated services****Speaker**

Kukhee Kim

15:30-15:33

**Building the backbone: cable plant planning, design, and progress for SLAC's MEC-U project****Speaker**

Mitchell Cabral

15:33-15:36

**Novel distributed fast controls architecture for the consolidation of CERN's PS kickers****Speaker**

Léa Strobino

15:36-15:39

**Automatic bunch targeting for single-bunch beam position monitors****Speaker**

Ran Hong

15:39-15:42

**Time served - a look at the past, present, and future of timing at Fermilab****Speaker**

Evan Milton

15:42-15:45

**Modernization of PLC-based control systems' communication protocols to improve reliability and maintainability.****Speaker**

Isaiah Beaushaw

15:45-15:48

**RTST vacuum control system design****Speaker**

Jianxun Yan

15:48-15:51

**Enhancing scanning nano-tomography instrumentation with a magnetic levitation stage****Speaker**

Yves-Marie Abiven

15:51-15:54

**Advanced polarization and energy control for APPLE-II type undulator beamlines at MAX-IV****Speaker**

Lin Zhu

15:54-15:57

**Proof of concept of a PLC based emittance meter for the NEWGAIN project**

**Speaker**

Clement Hocini

15:57-16:00

**EPICS-based X-ray beam intensity monitoring for the CBXFEL project at SLAC LCLS**

**Speaker**

An Le

16:00