

## **Session Program**

**20-26 Sept 2025**



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

## ***THBR MC10 Software Architecture and Technology Evolution***

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

# Thursday 25 September

10:45

## THBR MC10 Software Architecture and Technology Evolution

**Session** |**Location:** Palmer House Hilton Chicago, Red Lacquer Room, 17 East Monroe Street Chicago, IL 60603, United States of America |**Conveners:** Ralph Lange, Tim Wilksen

10:45-11:00

### The ELT primary mirror fault detection, isolation, and recovery software

**Speaker**

Luigi Andolfato

11:00-11:15

### Experimental supervision tools software upgrade on the Laser Megajoule facility

**Speaker**

Nicolas ROUX

11:15-11:30

### Evaluating Function-as-a-Service (FaaS) frameworks for the Accelerator Control System

**Speaker**

Amol Jaikar

11:30-11:45

### EBPFCat - an open source EtherCAT implementation for experimental control

**Speaker**

Martin Teichmann

11:45-12:00

### Updates on the Karabo control system

**Speaker**

Steffen Hauf

12:00-12:15

### Towards asynchronous control systems, an asyncio implementation of OPC UA using TANGO green modes

**Speaker**

Emilio Jose Morales Alejandre

12:15