

## **Session Program**

**20-26 Sept 2025**



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

## ***MOBR MC14 Digital Twins & Simulation***

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

# Monday 22 September

11:15

## MOBR MC14 Digital Twins & Simulation

**Session** |**Location:** Palmer House Hilton Chicago, Red Lacquer Room, 17 East Monroe Street Chicago, IL 60603, United States of America |**Conveners:** Timo Korhonen, Stephane Perez, Enrique Blanco Vinuela

11:15-11:30

### Development of a digital twin towards enhanced monitoring of the SF6 subsystem on the Z Machine

**Speaker**

Isabel McCabe

11:30-11:45

### Accelerator Commissioning Tools: Architectural Proposals and Design Patterns

**Speaker**

Pierre Schnizer

11:45-12:00

### VBL++: Accelerating the design of high-energy, next generation laser architectures

**Speaker**

Jordan Penner

12:00-12:15

### Leveraging software simulators in SKA Dish LMC development and testing

**Speaker**

Samuel Twum

12:15-12:30

### Twinac: initiation of a community-driven accelerator digital twin framework

**Speaker**

Dr Tia Miceli

12:30