

Session Program

20-26 Sept 2025



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

TUCR MC02 Control System Upgrades

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

Tuesday 23 September

13:30

TUCR MC02 Control System Upgrades

Session |
Location: Palmer House Hilton Chicago, Red Lacquer Room, 17 East Monroe Street Chicago, IL 60603, United States of America |
Conveners: Yuliang Zhang, Misaki Komiyama

13:30-13:45
Integrating EPICS, OPC UA, and TSN: A Unified, AI-Ready Control Architecture for Particle Accelerators and Large Research Facilities

Speaker
Javier Cruz Miranda

13:45-14:00
Control system upgrades at the National Ignition Facility for higher laser energy and higher fusion yields

Speaker
Mike Fedorov

14:00-14:15
Parallel control systems: an efficient and low risk approach for a migration from Vsystem to EPICS

Speaker
Klaas Winter

14:15-14:30
Control system considerations for LANSCE modernization and integration of the LAMP front-end

Speaker
Heath Watkins

14:30