Session Program

20–26 Sept 2025

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

THCG MC15 Feedback Systems and Optimization

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

Thursday 25 September

13:45

THCG MC15 Feedback Systems and Optimization
Session |
Location: Palmer House Hilton Chicago, Grand Ballroom, 17 East Monroe Street Chicago, IL 60603, United States of America |
Conveners: Daniel Tavares, Yuke Tian

13:45–14:00
Fast orbit feedback using the GSVD for systems with multiple slow corrector arrays

Speaker
Idris Kempf

14:00–14:15 Automation with Bayesian optimization in the Karabo SCADA system

Speaker
Florian Sohn

14:15–14:30
Design of a robust controller based on loop-shaping for quick-scanning monochromator

Speaker
Zongyang Yue

14:30–14:45
Energy optimal predictive controller for chiller-based cooling plants of accelerator facilities

Speaker
Diogo Monteiro

14:45–15:00 PETRA-IV FOFB System Integration Test Setup

Speaker
Burak Dursun

15:00