

NOBUGS 2024

Tuesday, September 24, 2024

AI/ML applications: AI/ML Applications - Hybrid event (2:45 PM - 3:30 PM)

-Conveners: Andrew Goetz

time	[id] title	presenter
2:45 PM	[151] Large language model-based AI agent as an intelligent assistant system for experimental data acquisition at fourth-generation synchrotron radiation light source	Ms BI, Xiaoxue
3:00 PM	[81] Tiled at Beamlines: Enhancing Data Access for Machine Learning-Driven Scientific Workflows	MCREYNOLDS, Dylan Dr ALLAN, Daniel KOEPP, Wiebke
3:15 PM	[63] Closed-loop experiments using ML-based online analysis at synchrotron beamlines: A case study in x-ray reflectometry and perspectives	PITHAN, Linus

AI/ML applications: AI/ML Applications - Hybrid event (4:00 PM - 4:30 PM)

-Conveners: Linus Pithan

time	[id] title	presenter
4:00 PM	[61] A Systematic Deep Learning-empowered Denoising Solution for Synchrotron X-ray Diffraction and Scattering Images	Mr LI, Chun
4:15 PM	[121] Generalized Scientific Measurements with Bluesky & Workflow Automation	CODREA, Eric