

LPA Special Workshop on Intelligent Systems

Dienstag, 14. Januar 2025

Trends in LPA Electron Automation (11:00 - 12:30)

time	[id] title	presenter
11:00	[22] Statistical analysis of electron beam parameters in laser plasma accelerators- preparing for Bayesian optimization	HERRMANN, Franziska Marie
11:15	[30] Impact of Laser Wavefront Stability on Electron Energy in LWFA at CALA	ZIRKELBACH, Johannes
11:30	[9] Genetic algorithm optimization of a laser-plasma accelerator for very high-energy electron radiotherapy	Dr. GOLOVANOV, Anton
11:45	[31] Enabling Large-Scale Data-Driven AI Workflows with PIconGPU & openPMD: Demonstrating Experimental Parameter Inference and In-Transit Learning	PAUSCH, Richard