LPA Special Workshop on Intelligent Systems

Donnerstag, 16. Januar 2025

THRILL: Contributed Session I (09:00 - 10:30)

time	[id] title	presenter
09:00	[29] Modular, Automated Beam Stabilization of the ATLAS-3000 Laser at the Centre for Advanced Laser Applications (CALA)	SCHWEIGER, Florian
09:25	[16] High-bandwidth image-based predictive laser stabilization via optimized Fourier filters	NATAL, Joseph
09:50	[3] Automated Minimisation and Control of Angular Dispersion	OLIVEIRA, Pedro
10:10	[23] On the road to the coherent combination of high-energy laser chains	PIERRE, Lebegue

THRILL: Contributed Session II (11:00 - 12:30)

time	[id] title	presenter
11:00	[14] Adaptive optics integration at PHELIX	EISENBARTH, Udo
11:25	[41] Adaptive Optics and Control System Integration at the ATLAS-3000 Multi-Petawatt Laser System	Herr DOYLE, Leonard
11:50	[36] Performance of adaptive optics systems in Bivoj/DiPOLE100 multi-slab laser system (150 J / 10 Hz)	PILAR, Jan DIVOKY, Martin PALIESEK, Tomas
12:10	[13] Evolutionary optimization and long-term stabilization of a multi-stage OPCPA system	EICHNER, Timo

THRILL: Contributed Session III (16:00 - 17:00)

time	[id] title	presenter
16:00	[24] Communication with Tango	MARCHAND, Stéphane
16:20	[32] PLANET: A dedicated laser-driven neutron imaging system for commercial applications	Dr. RÖSCH, Thomas
16:40	[39] Automation status at the DRACO laser	SCHLENVOIGT, Hans-Peter