

6th European Advanced Accelerator Concepts workshop

Monday, 18 September 2023

WG2: Laser technology (WP6 - Task2) - Aula Bonaparte 1 (16:20 - 19:00)

-Conveners: Gilles Cheriaux; Leonida Antonio Gizzi

time	[id] title	presenter
16:20	[413] Introduction to WG2	CHERIAUX, Gilles Dr GIZZI, Leonida Antonio
16:25	[185] The ZEUS laser user facility	WILLINGALE, Louise
16:45	[272] ELI Beamlines L1 ALLEGRA laser: experience with operation of high energy, 1 kHz, 15 fs OPCPA based system for user experiments	BAKULE, Pavel
17:05	[275] Amplitude Roadmap for high average power ultraintense laser for plasma acceleration	FALCOZ, Franck
17:25	[280] "Bivoj / DIPOLE" as a pump source for high repetition rate laser particle accelerators	PILAR, Jan
17:45	[301] Design of direct diode pumped amplification stages based on Tm ceramics for kHz rep-rate, kW average power lasers: Design issues and material characterization	Dr LABATE, Luca
18:05	[356] Diode Laser Pumps for Advanced Accelerators	KNIGGE, Andrea
18:25	[427] discussion	

Tuesday, 19 September 2023

WG2: Laser technology (WP6 - Task2) - Aula Biodola (16:20 - 19:00)

-Conveners: Christophe SIMON-BOISSON

time	[id] title	presenter
16:20	[414] Introduction to WG2	SIMON-BOISSON, Christophe
16:25	[310] Pulse characterisation technique for multi-pulse laser plasma wakefield accelerators	WANG, Wei-Ting
16:45	[367] EuPRAXIA laser requirements and current conceptual design issues	Dr GIZZI, Leonida Antonio
17:05	[331] High-power laser development in Jena	KALUZA, Malte
17:25	[342] Diode-pumped Laser-drivers for plasma accelerators	DE VIDO, Mariastefania PATTATHIL, Rajeev
17:45	[349] Joule-class Yb:YAG lasers for driving plasma-modulated plasma accelerators	Dr KRÜGER, Mathias
18:05	[372] Robust high-average-power lasers and scaling to high pulse energy	WEITENBERG, Johannes

Thursday, 21 September 2023

WG2: Laser technology (WP6 - Task2) - Aula Biodola (16:20 - 19:00)

-Conveners: Leonida Antonio Gizzi

time	[id] title	presenter
16:20	[415] Introduction to WG2	GIZZI, Leonida Antonio
16:25	[365] Laser development for LWFA and future plans	Dr CORNER, Laura
16:45	[383] Precision high average power ultrashort pulse lasers	GEDDES, Cameron
17:05	[305] High peak power and high average power Ti :Sa lasers for high performance particle acceleration	SIMON-BOISSON, Christophe
17:25	[361] A 100 Hz laser system with with few-cycle and TW Pulses	OSVAY, Karoly
17:45	[325] Industrial Compact Free Electron Lasers and Laser-driven Accelerators	NEACSU, Catalin
18:05	[212] The X-lites Network	WILLINGALE, Louise
18:25	[401] The HORIZON project : towards face-cooled kiloWatt-class Yb:YAG laser systems	BALCOU, Philippe
18:45	[431] discussion	