

ALEGRO2023 Workshop

Thursday 23 March 2023

Outstanding challenges: positron acceleration in plasma, emittance preservation at a level relevant for collider applications, competitive efficiency, repetition rate/average power: Part 1 - DESY Lecture Hall (14:00 - 16:00)

-Conveners: Mark Hogan

time	[id] title	presenter
14:00	[15] High-rep.-rate laser drivers and plasma sources	Dr CORNER, Laura
14:30	[16] High-rep.-rate beam drivers and plasma sources	D'ARCY, Richard
15:00	[17] Competitive efficiency: what's achieved and what's required (LWFA & PWFA)	ADLI, Erik
15:30	[18] 'Efficiency vs. Stability' in novel and conventional accelerators	ANTIPOV, Sergey

Outstanding challenges: positron acceleration in plasma, emittance preservation at a level relevant for collider applications, competitive efficiency, repetition rate/average power: Part 2 - DESY Lecture Hall (16:30 - 18:00)

-Conveners: Mark Hogan

time	[id] title	presenter
16:30	[19] Positron acceleration: a systematic overview	Mr DIEDERICHS, Severin
17:00	[20] Hybrid Asymmetric Linear Higgs Factory (HALHF)	FOSTER, Brian
17:30	[21] Emittance preservation and required tolerances	THEVENET, Maxence