

6th European Advanced Accelerator Concepts workshop

Thursday, 21 September 2023

WG10: ALEGRO towards colliders - Aula Elena (16:20 - 19:00)

-Conveners: Rajeev Pattathil; Brigitte CROS

time	[id] title	presenter
16:20	[412] Introduction to WG10	CROS, Brigitte PATTATHIL, Rajeev
16:25	[202] Acceleration of positrons in plasmas with high energy efficiency	Prof. CORDE, Sébastien
16:45	[291] Energy recovery in filament-regime plasma wakefield acceleration of positron beams	GESSNER, Spencer
17:05	[239] Schemes for Simultaneous Large Transformer Ratio, High Efficiency, Low Energy Spread, High Charge of Accelerated Electron Beams by Tailored Wakefield Plateaus for Long Driver and Witness Bunches	Ms SHENDRYK, Diana
17:25	[384] AWAKE and future colliders	GSCHWENDTNER, Edda
17:45	[382] Staging in LWFA - challenges and prospects	BACKHOUSE, Michael
18:05	[284] Toward start-to-end modeling of plasma-based colliders with the Exascale Particle-In-Cell code WarpX	VAY, Jean-Luc
18:25	[266] Readiness of electron plasma linacs for a collider application	ADLI, Erik
18:45	[420] discussion	