

Advanced LinEar collider study GROUp Workshop 2018

Tuesday, 27 March 2018

Parallel WG session 4: WG2 - WG1- WG5 joint session - Seminar Room (15:30 - 18:00)

-Conveners: Hitoshi Yamamoto; Daniel Schulte; Andrei Seryi

time	[id] title	presenter
15:30	[66] Upgrade of 250 GeV CM ILC to 1-2 TeV CM using plasma acceleration driven by auxiliary proton beam - concepts	SERYI, Andrei
15:55	[68] Gamma-gamma option (for CLIC and advanced collider concepts)	Dr MARIN LACOMA, Eduardo
16:20	[70] Applications with AWAKE-like Electron Beams	GSCHWENDTNER, Edda
16:45	[71] SWFA collider design and megatable	POWER, John

Parallel WG session 4: WG3 TMS, Roadmap for development of modeling capability - Fisher Room (15:30 - 18:00)

-Conveners: Jorge Vieira; Jean-Luc Vay; Henri Vincenti

time	[id] title	presenter
15:30	[61] Overlaps, opportunities for synergies & collaborations, Bussmann	
16:00	[62] Discussion Roadmap modeling development for LWFA and PWFA, All	
16:45	[63] Discussion Roadmap modeling development for DLA and SWFA, All	
17:30	[64] General discussion	

Parallel WG session 4: WG4: Positron acceleration in LWFAs, joint session with WG8 and other interested WGs - Dennis Sciama LT (15:30 - 18:00)

-Conveners: Simon Hooker; Carl Schroeder; Brigitte Cros

time	[id] title	presenter
15:30	[23] Summary / input from positron WG8, S Corde / S Gessner (tbd)	
16:00	[24] Hollow channels for positron acceleration in LWFAs, Alexander Pukhov (U Dusseldorf)	
16:30	[25] Discussion, All	
17:00	[26] General discussion and Summary of the day, All	

Parallel WG session 4: WG6, SWFA: Witness-bunch Physics - Conference Room (15:30 - 18:00)

-Conveners: Philippe Piot; John Power

Parallel WG session 4: WG7, DLA: Sources and Beam Transport - JAI 614 (15:30 - 18:00)

-Conveners: Joel England; Ben Cowan