

AAC24 Advanced Accelerator Concepts Workshop

Monday, 22 July 2024

WG3 - room 265 (13:30 - 15:30)

time	[id] title	presenter
13:30	[182] Lifetime of beam-driven wakes at FACET-II	BROOKS, Jason
13:50	[148] Transverse plasma density redistribution in discharge capillaries for plasma acceleration	KANEKAR, Advait
14:10	[204] Positron Acceleration in a Narrow Plasma Column: Concept and Initial Results of Electron Beam Guidance	LEE, Valentina
14:30	[115] Measuring the beam-breakup instability in beam-driven plasma wakefield accelerators	FINNERUD, Ole Gunnar
14:50	[193] Experimental Progress of Passive Plasma Lens at FACET-II	LITOS, Michael
15:10	[282] WG3 Discussion 1	

WG3 - room 265 (16:00 - 18:00)

time	[id] title	presenter
16:00	[116] Demonstration of proton bunch self-modulation in a discharge plasma source	AMOEDO, Carolina
16:25	[49] Filamentation of a Relativistic Proton Bunch in Plasma	VERRA, Livio
16:50	[90] Acceleration and Focusing Electron/Positron Bunches in Plasma-Dielectric Wakefield Accelerator	Prof. SOTNIKOV, Gennadiy
17:15	[197] Flat beam plasma wakefield experiment at the AWA facility	MANWANI, Pratik
17:40	[283] WG3 Discussion 2	

Tuesday, 23 July 2024

WG3 - room 265 (13:30 - 15:30)

time	[id] title	presenter
13:30	[145] Latest Results from the FLASHForward Experiment	Dr WOOD, Jonathan
13:55	[236] Advances in Two-Bunch Plasma Wakefield Acceleration at FACET-II	STOREY, Doug
14:20	[237] Towards maximal drive-plasma interaction at FACET-II	ARINIELLO, Robert
14:45	[275] Wakeless and PWFA regime experiments at FACET-II	Prof. CORDE, Sebastien
15:10	[284] WG3 Discussion 3	

Thursday, 25 July 2024

WG3 - room 265 (13:30 - 15:30)

time	[id] title	presenter
13:30	[98] PetaVolts per meter Plasmonics: a new paradigm based on quantum gas	SAHAI, Aakash
13:50	[85] Generation of an ultrashort beam using Beam-Induced Ionization Injection in PWFAs	YAN, Jiayang
14:10	[126] A fully plasma based electron injector for a linear collider or XFEL	DALICHAOUCH, Thamine
14:30	[149] A Plasma-Based Brightness Transformer	WOOD, Jonathan
14:50	[172] Implementation of a Mesh refinement algorithm into the quasi-static PIC code QuickPIC	SU, Qianqian
15:10	[285] WG3 Discussion 4	