



DESY-STFC-XFEL collaboration meeting

Thursday 5 December 2024

Photoinjector / Photocathodes (13:30 - 16:30)

-Conveners: Lee Jones; Boris Militsyn; Elmar Vogel; Dmitry Bazyl

time	[id] title	presenter
13:30	[26] Conceptual design of Low Energy Beamline for UK XFEL (Boris Militsyn)	
13:50	[27] Preference of L-band SRF gun over VHF gun in decision of the high repetition rate gun for EuXFEL (Elmar Vogel)	
13:55	[28] Particularities of beam dynamics in the gun (Dmitry Bazyl)	
14:10	[29] Bunch compression in low energy beamline (Dmitry Bazyl)	
14:25	[30] Preparation of the Cu photocathode for operation in the DESY SRF gun (Lee Jones)	
14:45	[31] Alternative photocathodes for SRF guns (Lee Jones)	
15:00	[34] Visit to the cathode lab (Dmitry Bazyl)	
15:20	[32] presentation of Erion Gjonaj at 15:25	
15:45	[35] contingency time slot	
16:00	[33] Generation of 100+ ps long laser pulses for photoinjectors ("with group FS-LA")	