

EIC Hadron Cooling Workshop

Tuesday, 8 October 2019

Session 5: High Brightness, Low Noise Electron Beams for Cooling (e-guns, acceleration, transport, ERL) - 1 West
(Wilson hall) (13:30 - 16:30)

-Conveners: Erdong Wang; Georg Hoffstaetter; Stephen Benson

time	[id] title	presenter
13:30	[22] Overview of High Current Electron Sources for ERL Ecooler	WANG, Erdong
13:55	[23] SRF Designs for Cooler ERLs	GUO, Jiquan
14:20	[24] Production and Transport of Magnetized Beams	FETTERMAN, Aaron
14:45	Coffee Break	
15:15	[25] Design Considerations for ERLs for Hadron Cooling	Dr BENSON, Stephen
15:40	[26] Generation of Low-Noise High-Brightness Beams for EIC Cooler	JING, Yichao
16:05	[27] Low-Emittance Beam Acceleration in Induction Linac	Dr YAKOVLEV, Vyacheslav