

International Workshop on Energy Recovery Linacs (ERL 2024)

Tuesday, 24 September 2024

WG1 (Beam dynamics) - Kobayashi Hall (16:00 - 18:00)

-Conveners: Chair: Joseph Berg (Brookhaven National Laboratory)

time	[id] title	presenter
16:00	[13] Machine learning for high current beam operation at cERL	MASAKAZU KURATA (KEK)
16:20	[14] Fast envelope tracking for high intensity low energy electrons	KIRSTEN DEITRICK (THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY)
16:40	[15] PERLE design and beam dynamics studies	ALEX FOMIN (IJCLAB)
17:00	[16] Impact of filling patterns on BBU in ERLs	ROBERT APSIMON (LANCASTER UNIVERSITY/COCKCROFT INSTITUTE)
17:20	[17] Beam Diagnostics for the Multi-Turn ERL Operation at the S-DALINAC	MANUEL DUTINE (TECHNISCHE UNIVERSITAT DARMSTADT)
17:40	[18] Improved techniques for space charge dominated beamline design	MARCELLO ROSSETTI CONTI (INFN-MI)

Wednesday, 25 September 2024

WG1 (Beam dynamics) - Kobayashi Hall (09:00 - 10:30)

-Conveners: Chair: Alex Fomin (IJCLab)

time	[id] title	presenter
09:00	[19] Injector optics design and optimization for cERL	OLGA TANAKA (KEK)
09:20	[20] Mechanisms for commissioning and implementation of the SEALab beam modes: from modelling to optimisation strategies	EMILY JAYNE BROOKES (HZB)
09:40	[21] Optimisation of space charge induced emittance growth in the PERLE injector	CONNOR MONOGHAN (UNIVERSITY OF LIVERPOOL, IJCLAB/CNRS)
10:00	[22] TBD	
10:15	[23] TBD	