



# International Workshop on Energy Recovery Linacs (ERL 22)

## Tuesday, October 4, 2022

### Beam Dynamics and Instrumentation: Session I (8:30 AM - 10:10 AM)

-Conveners: Alex Bogacz

time	[id] title	presenter
8:30 AM	[9] Multi-pass ERL Driven FELs and Light Sources	PÉREZ SEGURANA, Gustavo
8:50 AM	[21] Challenges of a Twice-Recirculating ERL Mode	SCHLIESSMANN, Felix
9:10 AM	[18] Energy Recovery Linac Design and Studies for Electron Cooling of EIC Hadron Beams	GULLIFORD, Colwyn
9:30 AM	[23] Beam Dynamics Challenges of a Far-Future ERL-Based Collider - The Ghost Collider	HUTTON, Andrew
9:50 AM	[40] Implications of beam filling patterns on the design of recirculating energy recovery linacs	APSIMON, Rob APSIMON, Robert

### Beam Dynamics and Instrumentation: Session II (10:30 AM - 12:30 PM)

-Conveners: Meghan McAteer

time	[id] title	presenter
10:30 AM	[37] Beam Dynamics and Performance Studies of PERLE (REMOTE)	ANDRE, Kevin
10:50 AM	[36] Using Polynomial Chaos Expansion to determine solenoid misalignment during bERLinPro commissioning	KUSKE, Bettina
11:10 AM	[35] CBETA Instrumentation: From Beam Diagnostics to Machine Protection	MICHNOFF, Robert
11:30 AM	[38] Beam tuning for IR-FEL and industrial application at the compact ERL	SHIMADA, Miho
11:50 AM	[39] Multi-Turn Performance Studies and Beam Dynamics Issues	BROOKS, Steven
12:10 PM	Group Photo	