



# JLEIC Collaboration Meeting Spring 2019

## Tuesday, April 2, 2019

### Parallel Sessions for Working Group 2: Cooling - Session 1 - F113 (10:30 AM - 12:30 PM)

-Conveners: Stephen Benson

time	[id] title	presenter
10:30 F	[23] Development of JSPEC for cooling simulations	Dr ZHANG, He
11:00 F	[24] Magnetized dynamic friction for times short compared to the plasma period	POGORELOV, Ilya
11:20 F	[25] Electron Heating from Ions in Cooling Rings	Dr ZHAO, He
11:40 F	[26] Electron Cooling using PHAD algorithm	AL MARZOUK, Afnan
12:00 F	[27] Coherent Eletron Cooling for JLEIC	STUPAKOV, Gennady

### Parallel Sessions for Working Group 2: Cooling - Session 2 - F113 (1:30 PM - 3:30 PM)

-Conveners: Stephen Benson

time	[id] title	presenter
1:30 F	[28] Development of a Photocathode Injector for ERL Cooler	Dr HANNON, Fay
1:50 F	[29] Development of a Thermionic Injector for ERL Cooler	Mr STEFANI, Mark
2:10 F	[30] APEX-II gun as a possible source for the cooler ERL	Dr LI, Derun
2:30 F	[31] Micro-aligned cooler solenoid	MCINTYRE, Peter
2:50 F	[32] Multipole effects of a harmonic kicker	Dr PARK, Gunn Tae
3:10 F	[33] Discussions	

### Parallel Sessions for Working Group 2: Cooling - Session 3 - F113 (3:50 PM - 5:20 PM)

-Conveners: Stephen Benson

time	[id] title	presenter
3:50 F	[35] Magnetized Beam Transport	PIOT, Phillipe
4:10 F	[34] Update on Storage-Ring Based Electron Cooler R&D	KRAFFT, Geoff
4:30 F	[36] Discussions	