



# Space Charge 2017

## Wednesday 04 October 2017

### Machine Study, Performances... (09:10-10:30)

-Conveners: Sergei Nagaitsev

time	[id] title	presenter
09:10	[2] The FAIR project at GSI	Dr SPILLER, Peter
09:30	[0] Overview of SC studies at CERN"	SCHMIDT, Frank
09:50	[1] Upgrade of SNS Beam Test Facility for Studies of Beam Halo Formation at Low Energy	Dr COUSINEAU, Sarah
10:10	[4] Space charge effects in FFAGs"	MACHIDA, Shinji

### Machine Study, Performances... (11:00-12:20)

-Conveners: Ji Qiang

time	[id] title	presenter
11:00	[5] Preparing LEIR for the HL-LHC Era	HUSCHAUER, Alexander
11:20	[8] LEIR Space Charge Simulations	SAA HERNANDEZ, Angela
11:40	[6] PS studies	Ms ASVESTA, Foteini
12:00	[7] SPS studies	Dr BARTOSIK, Hannes

### Machine Study, Performances... (14:00-15:40)

-Conveners: Shinji Machida; Yuri Alexahin

time	[id] title	presenter
14:00	[9] Multi-bunch space charge effects for Slip-stacked beam in the Recycler	Dr AINSWORTH, Robert
14:20	[10] Particle loss near the half integer resonance: transition from frozen space charge to self-consistent models	Dr WARSOP, Chris
14:40	[11] High intensity beam study with a linear Paul Trap	Ms MARTIN, Lucy
15:00	[14] Injection schemes for intense beams	Dr APPEL, Sabrina
15:20	[39] Injection of a Self-Consistent Beam into the SNS Accumulator Ring	Dr HOLMES, Jeffrey A