

EIC Hadron Cooling Workshop

Monday, 7 October 2019

Session 2: Electron Cooling Concepts for the EIC (magnetized and non-magnetized) - 1 West (Wilson hall) (13:00 - 16:25)

-Conveners: Valeri Lebedev; Yuhong Zhang; Alexei Fedotov

time	[id] title	presenter
13:00	[7] Development of JLEIC High Energy e-Cooler Based on ERL and Circulator Ring	Dr BENSON, Stephen
13:25	[8] Conceptual Design of a 4.3 MeV Magnetized DC Cooler for JLEIC	BRUKER, Max
13:50	[9] Ring-Based Electron Cooler for eRHIC	ZHAO, He
14:15	[10] Dual Energy Storage Ring Based e-Cooler	LIN, Fanglei
15:10	[11] Induction Linac Based Ring Cooler	Dr LEBEDEV, Valeri
15:35	[12] Cooling Commissioning Results and Challenges of RF-Based Electron Cooler LEReC	FEDOTOV, Alexei
16:00	[13] Cooling the Cooler: Optical Stochastic Cooling of Electrons for EIC	Dr ZHOLENTS, Alexander