



# EIC Hadron Cooling Workshop

## Monday, 7 October 2019

**Session 1: Cooling and Heating Dynamics for EIC Hadron Beams (theory and modeling) - 1 West (Wilson hall) (09:00 - 12:00)**

-Conveners: Yaroslav Derbenev; Gang Wang; Gennady Stupakov

time	[id] title	presenter
09:00	[1] Introduction of Beam Cooling and Its Application to EIC	NAGAITSEV, Sergei
09:20	[2] Requirements and Challenges of Hadron Cooling for JLEIC Design	ZHANG, Yuhong
09:45	[3] Requirements and Challenges on Strong Hadron Cooling for BNL EIC Design	WANG, Erdong
10:15	Coffee Break	
10:45	[4] Optimization of HEEC of Hadron Beams in EIC	DERBENEV, Yaroslav
11:10	[5] Computation of Magnetized Dynamic Friction Force Based on a Reduced Binary Interaction Model	POGORELOV, Ilya
11:35	[6] Experiences on Hadron Beam Heating During LEREC Commissioning	SELETSKIY, Sergey