

1st EIC Yellow Report Workshop at Temple University

Friday, 20 March 2020

Detector WG Central Detector / Magnet (08:30 - 10:30)

-Conveners: Alexander Kiselev; William Brooks

time	[id] title	presenter
08:30	[131] Introductory remarks	KISELEV, Alexander
08:40	[132] Photo-sensors in a strong magnetic field: options for EIC	XIE, Junqi
09:00	[133] Forward gaseous RICH performance in the EIC-sPHENIX solenoid fringe field	HUANG, Jin
09:15	[135] Low Pt track cutoff implications of a strong solenoid magnetic field	FURLETOVA, Yulia
09:30	[136] Momentum resolution and magnetic field strength for an EIC detector	LUKOW, Nick
09:45	[134] BeAST solenoid magnetic field calculation and accompanying studies	KISELEV, Alexander
10:00	[137] Design considerations for the EIC central detector solenoid (discussion and QA session)	

Detector WG Central Detector / Magnet (11:00 - 13:00)

-Conveners: Alexander Kiselev; William Brooks

time	[id] title	presenter
11:00	[145] A possible method for adding services load to the EIC simulations	GREINER, Leo
11:20	[146] EIC detector infrastructure	BREITFELLER, Mark
11:45	[144] Synchrotron radiation studies with the present EIC IR vacuum system design	HETZEL, Charles
12:15	[142] Background sources and studies at the EIC	ELOUARDHIRI, Latifa
12:35	[143] Studies of beam-gas background, neutron flux, radiation dose at an EIC	HUANG, Jin
12:50	[158] Summary and concluding remarks	