

Central Detector / Integration subgroup agenda items

Introductory remarks

Topic	Presenter	Confirmed	In person
Goals, main topics, timelines	William Brooks (USM) and/or Alexander Kiselev (BNL)	YES ☺	YES

Solenoid magnet(s)

Topic	Presenter	Confirmed	In person
Sensors in the magnetic field	Junqi Xie (ANL)	YES	YES
Forwards gaseous RICH performance in the EIC-sPHENIX solenoid fringe field	Jin Huang (BN)	YES	YES
Forward gaseous RICH performance in the BeAST solenoid fringe field	Alexander Kiselev (BNL)	YES ☺	YES
Low P_t track cutoff implications of a strong field solenoid	Yulia Furletova (JLab)	YES	YES
Design considerations of a central detector solenoid for EIC	Holger Witte (BNL)	SORT OF	YES

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Backgrounds

Topic	Presenter	Confirmed	In person
Synchrotron radiation studies for EIC IR	Charles Hetzel (BNL)	NOT YET	NO
Synchrotron radiation studies for EIC IR	Latifa Elouadrhiri (JLab)	NOT YET	?
Studies of beam-gas background, neutron flux, radiation dose at an EIC	Jin Huang (BNL)	YES	YES

Infrastructure-related topics

Topic	Presenter	Confirmed	In person
EIC detector infrastructure	Mark Breitfeller (BNL)	ALMOST	NO
Design of the presently considered EIC IR vacuum system	Charles Hetzel (BNL)	NOT YET	NO
EIC detector dead material estimates	Leo Greiner (LBL)	NOT YET	?

- One of our 1.5h long sessions should be a joint one with the IR subgroup