

IR2@EIC: Science and Instrumentation of the 2nd IR for the EIC (Joint Argonne and CFNS Workshop)

Wednesday, 17 March 2021

Plenary: Science Case for IR2 (10:00 - 11:35)

-Conveners: George Sterman

time	[id] title	presenter
10:00	[1] Welcome	HAFIDI, Kawtar DESHPANDE, Abhay
10:10	[2] Purpose of Workshop Series	ELOUADRHIRI, Latifa
10:25	[12] Deep Exclusive Processes	Ji, Xiangdong
10:55	[13] Heavy Flavor Physics and Spectroscopy	STEVENS, Justin
11:15	[14] SIDIS, Jets and TMDs	VOSEN, Anselm KANG, Zhongbo

Plenary: Science Case for IR2 (11:50 - 13:00)

-Conveners: Daria Sokhan

time	[id] title	presenter
11:50	[15] Science of light and heavy ions	CLOET, Ian
12:10	[16] Science with far-forward processes	WEISS, Christian FURLETOVA, Yulia
12:30	[5] Call for Detector Proposals	CHAMIZO, Maria MCKEOWN, Bob

Plenary: Complementarity and Detector Concepts (13:40 - 16:30)

-Conveners: Zein-Eddine Meziani

time	[id] title	presenter
13:40	[3] IR2 in the context of the EIC Project	YECK, James
14:10	[4] Complementarity of IR1 & IR2	NEWMAN, Paul
14:30	[17] CORE - A compact detector for the EIC	NADEL-TURONSKI, Pawel
14:50	[18] ECCE	HORN, Tanja
15:10	[19] TOPSiDE	PENG, Chao
15:30	[47] EIC@IP6	FURLETOVA, Yulia
15:50	Discussion	

Thursday, 18 March 2021

Plenary: Accelerator and IR (10:00 - 11:15)

-Conveners: Christoph Montag

time	[id] title	presenter
10:00	[9] IR2 - Development status	MOROZOV, Vasily
10:30	[8] Electron polarization	GIANFELICE, Eliana
10:45	[7] Hadron polarization	Dr HUANG, Haixin
11:00	Discussion	

Plenary: Detector technologies (13:40 - 15:40)

-Conveners: Marco Contalbrigo

time	[id] title	presenter
13:40	[10] Vertexing & Tracking	GONELLA, Laura
14:05	[20] Charged particle identification	DALLA TORRE, Silvia
14:30	[11] Electromagnetic calorimetry	BAZILEVSKY, Alexander
14:55	[21] Hadronic calorimetry	BERDNIKOV, Vladimir
15:20	Discussion	

Friday, 19 March 2021**Plenary: Simulations and Software (10:00 - 11:00)****-Conveners: Sylvester Joosten**

time	[id] title	presenter
10:00	[22] EICUG SWG and Software Eol	Dr DIEFENTHALER, Markus
10:30	[23] Automated workflow of end-to-end simulations and optimizing detector design	ARMSTRONG, Whitney
10:50	Discussion	

Plenary: Working group reports (11:00 - 12:15)**-Conveners: Haiyan Gao**

time	[id] title	presenter
11:00	[24] WG1 - Exclusive processes	D'HOSE, Nicole JI, Xiangdong
11:15	[25] WG2 - SIDIS and jets	RINGER, Felix SEIDL, Ralf
11:30	[26] WG3 - Heavy flavor processes and spectroscopy	FANELLI, Cristiano LI, Xuan
11:45	[27] WG4 - Light and heavy ions	TAPIA TAKAKI, Daniel COSYN, Wim
12:00	Discussion	

Plenary: Path forward to a detector concept for IR2 (12:30 - 13:15)**-Conveners: Abhay Deshpande**

time	[id] title	presenter
12:30	Discussion	