



# TRIUMF 2021 EIC Accelerator Partnership Workshop

## Tuesday, 26 October 2021

### --: IR SC Magnets and spin rotators (08:00 - 10:00)

-Conveners: Holger Witte; Pierre Vadrine

time	[id] title	presenter
08:00	[42] Overview IR and Magnet Requirements	WITTE, Holger
08:20	[43] Final Focusing Magnet System for SuperKEKB	OHUCHI, Norihito
08:40	[44] EIC IR Magnet Designs and BNL Magnet Capabilities	AMM, Kathleen
09:00	[45] EIC Superconducting Spin Rotators	MICHALSKI, Tim
09:20	[46] CERN Superconducting Magnets Capabilities	TOMMASINI, Davide
09:40	[47] INFN - Magnet Capabilities	FABBRICATORE, Pasquale

### --: Second IR based on Nb3Sn option (10:00 - 13:00)

-Conveners: Pierre Vadrine; Andrei Seryi

time	[id] title	presenter
10:00	[7] Assumption and timeline	SERYI, Andrei
10:15	[8] Design and Optics	GAMAGE, Randy
10:45	[12] The experience from 11 T and MQXF at CERN in view of future IR2 quadrupoles at the EIC	SAVARY, Frederic
11:15	[10] Nb3Sn cos-theta magnets with stress management	ZLOBIN, Sasha
11:45	[11] Advantages and issues of the CCT structure and its possible use for the EIC IR2 quadrupoles	ARBELAEZ, Diego
12:15	[9] Lessons learned from the US program on Nb3Sn magnets for HL LHC, applicable to future IR2 quadrupoles at the EIC	FERRACIN, Paolo

### --: HSR Vacuum System (13:00 - 15:30)

-Conveners: Silvia Verdu Andres; Roberto Cimino

time	[id] title	presenter
13:00	[24] LHC vacuum issues of relevance to the EIC hadron ring	BAGLIN, Vincent
13:25	[25] LHC impedance issues of relevance to the EIC hadron ring	SALVANT, Benoit
13:45	[26] Requirements and planned strategies for the EIC HR	VERDÚ-ANDRÉS, Silvia
14:00	[27] Carbon coating technology	COSTA-PINTO, Pedro
14:20	[28] Electromagnetic characterization of coatings for accelerators	MASULLO, Maria Rosaria
14:35	[29] SEY properties of electron cloud mitigators at cryogenic temperatures	ANGELUCCI, Marco
14:48	[30] Electron and photo stimulated desorption at cryogenic temperatures	SPALLINO, Luisa
15:00	[65] Discussion	