

January 2023 ePIC Collaboration Meeting

Wednesday, 11 January 2023

Working Group Reports V (08:00 - 16:40)

-Conveners: Or Hen

time	[id] title	presenter
08:00	[26] TOF PID WG	LOIZIDES, Constantin GEURTS, Frank LI, Wei YE, Zhenyu YE, Zhenyu
	- [1] Overview	YE, Zhenyu
	- [2] TOF in Simulation	HARTBRICH, Oskar
	- [3] AC-LGAD Sensor Status and Plan	GIACOMINI, Gabriele
	- [4] Front-end ASIC Status and Plan	MARCHAND, Dominique
09:00	[27] DAQ and Electronics WG	CAMSONNE, Alexandre CUEVAS, Chris LANDGRAF, Jeff SCHAMBACH, Joachim
	- [1] Streaming Workshop X: vision and opportunities for EPIC streaming DAQ	DIEFENTHALER, Markus
	- [2] Summary of EPIC Electronics & DAQ plans and activities	LANDGRAF, Jeff
	- [3] Summary of eRD109 activities	BARBOSA, Fernando
10:00	Coffee Break	
10:20	[28] Inclusive WG	SCHMOOKLER, Barak GWENLAN, Claire NEWMAN, Paul KUTZ, Tyler
	- [1] Inclusive Summary	NEWMAN, Paul NEWMAN, Paul
	- [2] Kinematic Reconstruction	MAPLE, Stephen
	- [4] Reconstruction and analysis work	KUTZ, Tyler
	- [3] Barrel ECAL requirements for inclusive analyses	SCHMOOKLER, Barak
11:20	[15] Semi-Inclusive WG	VOSSEN, Anselm VOSSEN, Anselm VAN HULSE, Charlotte RADICI, Marco RADICI, Marco SEIDL, Ralf
	- [1] Introduction	SEIDL, Ralf
	- [2] Overview of sidis-eic analysis framework	DILKS, Christopher
	- [3] ML reconstruction	DILKS, Christopher
	- [4] Analysis of double spin asymmetry A_LL	VAN HULSE, Charlotte
	- [5] Discussion on next steps	SEIDL, Ralf

12:20	Lunch	
13:30	[16] Exclusive, Diffraction and Tagging WG	SCHMIDT, Axel SOKHAN, Daria MONTGOMERY, Rachel KLEIN, Spencer
	- [1] WG Overview	SCHMIDT, Axel
	- [2] Diffractive Phi in eAu at ePIC	TU, Zhoudunming
	- [3] Model Uncertainties in Veto Tagging for Coherent Diffraction	BAKER, Mark
	- [4] Meson Form Factors with ePIC	KAY, Stephen
14:30	[17] Jets and Heavy Flavor	PAGE, Brian WONG, Cheuk-Ping ARRATIA, Miguel ZHA, wangmei
	- [1] Introduction	WONG, Cheuk-Ping
	- [2] Heavy flavors Status and Plans	FAN, Wenqing FAN, Wenqing
	- [3] Jet simulation update	PAGE, Brian
	- [4] Plans and more	PAGE, Brian
15:30	[18] BSM & Precision EW WG	GAL, Ciprian MANTRY, Sonny ZHENG, Xiaochao FURLETOVA, Yulia
	- [1] Overview Talk	MANTRY, Sonny
	- [2] Weak Mixing Angle extraction	NYCZ, Michael
	- [3] CLFV (experimental)	QUNI, BARDH
	- [4] CLFV (theory)	MEREGHETTI, emanuele
16:30	[31] Closing	