



# Electron-Ion Collider User Group Meeting 2023

## Wednesday 26 July 2023

### ePIC Collaboration Meeting: ePIC Status - 0.03 (14:30 - 16:30)

-Conveners: Silvia Dalla Torre

time	[id] title	presenter
14:30	[1] Welcome and ePIC Status	LAJOIE, John DALLA TORRE, Silvia
15:00	[3] Project Management Report, detector aspects	ASCHENAUER, Elke-Caroline ENT, Rolf
15:30	[16] Integration and Design	WIMMER, Roland
16:00	[4] Update about the IP6 IR	MONTAG, Christoph

### ePIC Collaboration Meeting: Detector - I (TIC report, integration) - 0.03 (16:50 - 17:50)

-Conveners: Silvia Dalla Torre

time	[id] title	presenter
16:50	[15] Report from the TC	DEHMELT, Klaus
17:20	[2] Development of an integrated tracking layout	Dr SICHTERMANN, Ernst POSIK, Matt

# Thursday 27 July 2023

## **ePIC Collaboration Meeting: Detectors - II (Solenoid, Tracking) - Software/computing session, I - 0.03 (09:00 - 11:00)**

-Conveners: Bernd Surrow

time	[id] title	presenter
09:00	[17] Solenoid report	CALVELLI, Valerio
09:30	[19] DSC-Si Trackers	GONELLA, Laura
09:50	[20] DSC-Gaseous trackers	BOSSU, Francesco
10:10	[24] ePIC Software & Computing Effort	DIEFENTHALER, Markus
10:40	[25] Strategy and Implementation of the ePIC Simulation Campaigns	BRITTON, Thomas

## **ePIC Collaboration Meeting: Software/computing session, second part - 0.03 (11:30 - 13:00)**

-Conveners: Bernd Surrow

time	[id] title	presenter
11:30	[26] Physics and Detector Simulations for ePIC	KAUDER, Kolja
11:50	[39] Reconstruction Algorithms for ePIC	ANDERSON, Derek
12:10	[40] Running AI in JANA2	ROMANOV, Dmitry
12:30	[103] Hadron Identification at the dRICH Using Deep Learning	HASSAN, Omar

## **ePIC Collaboration Meeting: Collaboration Council - 0.03 (14:30 - 16:55)**

-Conveners: John Lajoie

time	[id] title	presenter
14:30	[34] Collaboration Council Chair report	SICHTERMANN, Ernst
14:55	[100] Collaboration Council meeting	SICHTERMANN, Ernst

# Friday 28 July 2023

## ePIC Collaboration Meeting: ePIC presence on web, Detector III (PID) - 0.03 (09:00 - 10:55)

-Conveners: Abhay Deshpande

time	[id] title	presenter
09:00	[74] Initial ePIC web presence	DIEFENTHALER, Markus
09:30	[43] PID CC WG	ULLRICH, Thomas
09:55	[9] DSC-dRICH	PREGHENELLA, Roberto
10:15	[10] DSC-hpDIRC	KALICY, Greg
10:35	[21] DSC-backward RICH	PAGE, Brian

## ePIC Collaboration Meeting: Detector IV (PID, ECal) - 0.03 (11:25 - 13:00)

-Conveners: Abhay Deshpande

time	[id] title	presenter
11:25	[22] DSC-AC-LGAD ToF	YANO, Satoshi YE, Zhenyu
11:45	[32] DSC-barrel ECal	ZUREK, Maria
12:05	[31] DSC-backward ECal	MUNOZ CAMACHO, Carlos Prof. HORN, Tanja
12:25	[33] DSC-forward ECal	MA, Weihu
12:45	[27] DSC-FFWD	PITT, Michael

## ePIC Collaboration Meeting: Detector V (CC WG reports; calorimetry, r-o, electronics and DAQ) // Analysis and Physics - I - 0.03 (14:30 - 16:20)

-Conveners: Paul Richard Newman

time	[id] title	presenter
14:30	[23] Electronics. read-out and DAQ	BARBOSA, Fernando LANDGRAF, Jeff
15:00	[42] Calorimeter CC WG report	TSAI, Oleg
15:30	[44] Analysis coordinator Report	REED, Rosi FAZIO, Salvatore
16:00	[45] Jets and Heavy Flavor	PAGE, Brian

## ePIC Collaboration Meeting: Analysis and Physics - II - 0.03 (16:50 - 18:20)

-Conveners: Paul Richard Newman

time	[id] title	presenter
16:50	[46] Electron Finding and Particle Flow	Prof. BRANDENBURG, James
17:10	[47] Exclusive physics in e+A	TU, Zhoudunming
17:30	[48] Calculation of the polarized Bethe-Heitler cross section	GANGADHARAN, Dhevan Raja
17:40	[106] SIDIS at Next to Eikonal order	NISAR MULANI, Swaleha

17:50	[107] Extraction of the strong coupling with HERA and EIC inclusive data	DEMIROGLU, Zuhai Seyma
18:00	[108] u channel physics at the EIC	SWEGGER, Zachary
18:10	[109] Charged current interactions	KUTZ, Tyler

# Saturday 29 July 2023

## **ePIC Collaboration Meeting: early career workshop report // Detector VI (FF/FB) - 0.03 (09:00 - 11:00)**

-Conveners: Satoshi Yano

time	[id] title	presenter
09:00	[73] A brief summary of the EICUG Early Career Workshop	Dr CELIBERTO, Francesco Giovanni
09:15	[104] ePIC Early Career Representatives' Report and future plans	GIRI, Aranya
09:30	[101] FF/FB CC WG report	JENTSCH, Alexander
10:00	[29] DSC-FBWD high rate calorimetry	PIOTRZKOWSKI, Krzysztof
10:20	[28] DSC-FBWD pair spectrometer	GANGADHARAN, Dhevan Raja
10:40	[30] DSC-FBWD high rate trackers	ADAM, Jaroslav

## **ePIC Collaboration Meeting: Detector VII (HCal) // Farewell - 0.03 (11:30 - 12:40)**

-Conveners: Satoshi Yano

time	[id] title	presenter
11:30	[37] DSC-forward HCal and insert	ARRATIA MUNOZ, Miguel
11:50	[36] DSC-barrel HCal	LAJOIE, John
12:10	[35] DSC-backward HCal	Dr KOSARZEWSKI, Leszek
12:30	[75] Farewell greeting and announcements	LAJOIE, John RADICI, Marco DALLA TORRE, Silvia