

ACTS Developers Workshop

Wednesday 8 November 2023

Acts: Infrastructure and documentation (09:00 - 10:30)

-Conveners: Paul Gessinger

time	[id] title	presenter
09:00	[3] ACTS Infrastructure: Tests, CI, tools	GESSINGER, Paul
09:25	[4] ATLAS ACTS infrastructure	VARNI, Carlo
09:50	[7] Documentation	GESSINGER, Paul
10:10	[38] Whitepaper proposal	RUSSO, Felix

Acts: Future plans (11:00 - 12:30)

-Conveners: Andreas Salzburger; Noemi Calace

time	[id] title	presenter
11:00	[28] Future development prospects	CALACE, Noemi
11:30	[27] ACTS as a Service	CHOU, Yuan-Tang

Thursday 9 November 2023

Acts: Track Finding and Fitting (09:00 - 10:40)

-Conveners: **Andreas Stefl**

time	[id] title	presenter
09:00	[14] Status of KF and CKF: ACTS Core	STEFL, Andreas
09:25	[16] Status of KF and CKF: tracc	YEO, Beomki
09:50	[17] Status of GSF: ACTS Core	HUTH, Benjamin
10:15	[18] Status of GX2F: ACTS Core	PFLEGER, Alexander J

Acts: Geometry and Navigation (11:00 - 12:30)

-Conveners: **Joana Niermann**

time	[id] title	presenter
11:00	[9] Geometry Model: Status and Plans	SALZBURGER, Andreas
11:30	[11] Geometry Model: detr	NIERMANN, Joana
11:50	[12] Discussion: Geometry & Navigation	SALZBURGER, Andreas STEFL, Andreas NIERMANN, Joana

Acts: Seeding and Vertexing (14:00 - 15:30)

-Conveners: **Felix Russo**

time	[id] title	presenter
14:00	[15] Material in Acts	ALLAIRE, Corentin
14:20	[22] Vertexing with timing	RUSSO, Felix
14:40	[23] Seeding CPU & GPU	FALDA COELHO, Luis
15:00	[24] ML and seeding	ALLAIRE, Corentin

Acts: Clustering and Fast Simulation (16:00 - 17:30)

time	[id] title	presenter
16:00	[19] Massively Parallel Clustering	SWATMAN, Stephen Nicholas
16:20	[21] NN Calibrator	GAGNON, Louis-Guillaume
16:40	[20] Discussion: What to do with FATRAS	SALZBURGER, Andreas