

10th Edition of the Large Hadron Collider Physics Conference

Monday, 16 May 2022

Performance and Tools: Object reconstruction (15:15 - 16:45)

-Conveners: Song-Ming Wang; Eduardo Rodrigues; Stephanie Beauceron

time	[id] title	presenter
15:15	[709] Strangeness tracking	DOBRIGKEIT CHINELLATO, David
15:33	[710] Lepton + Tracking	VAZQUEZ GOMEZ, Ricardo
15:51	[711] Jet/MET + b/c tagging	KOMARAGIRI, Jyothsna Rani
16:09	[712] Direct online reconstruction	VAN VEGHEL, Maarten
16:27	[713] Triggering	RUIZ MARTINEZ, Arantxa

Performance and Tools: Experiments overview (17:00 - 18:45)

-Conveners: Eduardo Rodrigues; Stephanie Beauceron; Song-Ming Wang

time	[id] title	presenter
17:00	[714] ALICE experiment	KRYSHEN, Evgeny
17:21	[715] ATLAS experiment	GOBLIRSCH-KOLB, Maximilian Emanuel
17:42	[716] CMS experiment	CHENG, Tongguang
18:03	[717] LHCb experiment	TOBIN, Mark
18:24	[718] Luminosity measurements of the LHC experiments	LAVICKA, Roman

Wednesday, 18 May 2022

Performance and Tools: Tools (14:15 - 15:55)

-Conveners: Song-Ming Wang; Giulio Eulisse; David Shih

time	[id] title	presenter
14:15	[722] Software for analysis (general Python ecosystem, Coffea, analysis facilities [T2/T3])	BUHLER, Paul Alois
14:33	[720] GPUs online	CONCAS, Matteo
14:51	[721] New developments in fast simulation with machine learning	KRAUSE, Claudius
15:10	[723] Machine learning for analysis/calibration	BUTTER, Anja
15:25	[719] New developments in event generators (CANCELLED)	RE, Emanuele

Thursday, 19 May 2022

Performance and Tools: Analysis tools (14:15 - 16:00)

-Conveners: Giulio Eulisse; Stephanie Beauceron; David Shih

time	[id] title	presenter
14:15	[724] New developments in recasting	KRAML, Sabine
14:33	[725] Boosted algorithms for searches	LI, Congqiao
14:51	[726] Online/offline development for LLP	USACHOV, Andrii
15:09	[727] New developments in anomaly detection and model independent searches for new physics with machine learning	NACHMAN, Ben
15:27	[728] EFTs and machine learning	UBIALI, Maria