Top Quark Physics at the Precision Frontier

Monday 2 October 2023

Experimental Aspects - Other colliders: ATLAS & CMS - Stewart Center (13:30 - 15:00)

-Conveners: Reinhard Schwienhorst

time	[id] title	presenter
13:30	[69] New foundational experiments with quantum process tomography	ECKSTEIN, Michal
14:10	[57] ATLAS perspective on Entanglement	Dr HOWARTH, James William

Experimental Aspects - Other colliders: Other Probes: Part I - Stewart Center (15:40 - 17:30)

-Conveners: Giulia Negro

time	[id] title	presenter
15:40	[56] Entanglement in nuclear collisions	Prof. BRANDENBURG, James BRANDENBURG, James Daniel
16:30	[36] Exploring quantum foundations with gauge bosons	BARR, Alan BARR, Alan
17:00	[61] A study of entanglement in e+ e- -> B Bbar events at Belle	YABSLEY, Bruce Donald YABSLEY, Bruce

Tuesday 3 October 2023

Experimental Aspects - Other colliders: Future Prospects - Stewart Center (10:50 - 12:30)

-Conveners: Claudio Severi

time	[id] title	presenter
10:50	[64] Extending the LHC reach through precision QCD at the EIC	Dr HOBBS, TIMOTHY J
11:25	[24] Future Colliders	CANEPA, Anadi
11:55	[62] Future e+e- Circular Collider, detector design and top precision results	PLEIER, Marc-Andre PLEIER, Marc-Andre PLEIER, Marc-Andre

Experimental Aspects - Other colliders: Quantum Information Science - Stewart Center (13:50 - 15:35)

-Conveners: Giulia Negro

time	[id] title	presenter
13:50	[22] Prospects for BSM physics with quantum tomography	SEVERI, Claudio
14:15	[52] QIS for particle Physics	SHYAMSUNDAR, Prasanth
14:50	[17] Quantum Annealing applications in Collider HEP-ex	WILDRIDGE, Andrew