

YTF 20

Tuesday 15 December 2020

Parallel Stream 1: Dark Matter - Teams (14:00-15:00)

-Conveners: Elliott Reid

time	[id] title	presenter
14:00	[110] Machine Learning Surrogates for Rapid Dark Matter Direct Detection Calculations	AMARAL, Dorian

Parallel Stream 1: QCD - Teams (15:30-16:30)

-Conveners: Jack Shergold

time	[id] title	presenter
15:30	[94] QCD Instantons at hadron colliders	MILNE, Daniel
16:00	[104] Soft Anomalous Dimension in QCD	MAHER, Niamh

Wednesday 16 December 2020

Parallel Stream 1: Jets - Teams (10:00-11:30)

-Conveners: Oscar Braun-White

time	[id] title	presenter
10:00	[66] Towards a Quantum Computing Algorithm for Helicity Amplitudes and Parton Showers	BEPARI, Khadeejah
10:30	[67] The performance and IRC safety of Spectral Clustering when Jet tagging.	DAY-HALL, Henry
11:00	[75] An analytical look at top tagging with N-subjettiness	Mr HELLIWELL, Jack

Parallel Stream 1: QCD - Teams (12:00-13:00)

-Conveners: Lucy Budge

time	[id] title	presenter
12:00	[103] Getting a number out of a QCD amplitude	MOODIE, Ryan
12:30	[105] Finite Fields for Di-Photon Amplitudes	SARANDREA, Francesco

Parallel Stream 1: Lattice - Teams (14:00-15:00)

-Conveners: Jack Shergold

time	[id] title	presenter
14:00	[97] Precise Determination of CKM Matrix Elements with Lattice QCD+QED	YONG, Andrew
14:30	[73] Heavy $\$to\$$ strange Semileptonic Decays in Lattice QCD	PARROTT, William

Parallel Stream 1: Cosmo - Teams (15:30-16:30)

-Conveners: Jack Shergold

time	[id] title	presenter
15:30	[99] Cosmological implications of EW vacuum instability: constraints on the Higgs curvature coupling from inflation	Mr MANTZIRIS, Andreas
16:00	[89] Charting the Fifth Force Landscape	BANKS, Hannah