

XIIIth Quark Confinement and the Hadron Spectrum

Wednesday 01 August 2018

Plenary: Plenary 1 - Arts Theatre (9:00 AM-10:30 AM)

-Conveners: Antonio Vairo

time	[id] title	presenter
9:00 AM	A01 [A01] Opening	Prof. MULKEEN, Aidan
9:30 AM	A02 [A02] Review of experimental results from heavy-ion collisions	FOKA, Yiota
10:00 AM	A03 [A03] Status of QCD at nonzero temperature	BAZAVOV, Alexei

Plenary: Plenary 2 - JH1 (11:00 AM-12:00 PM)

-Conveners: David Blaschke

time	[id] title	presenter
11:00 AM	A04 [A04] Bayesian techniques and applications to QCD	Prof. ROTHKOPF, Alexander
11:30 AM	A05 [A05] Consequences of neutron star mergers for constraining the QCD equation of state	REZZOLLA, Luciano

Thursday 02 August 2018

Plenary: Plenary 3 - JH1 (9:00 AM-10:30 AM)

-Conveners: Geoffrey Bodwin

time	[id] title	presenter
9:00 AM	[M14] Experimental Aspects of Heavy Quark Exotica	MITCHELL, Ryan
9:30 AM	[M74] Large N_c QCD and tetraquarks	Prof. SAZDJIAN, Hagop
10:00 AM	[S07] Advances in machine learning and applications to QCD	ASQUITH, Lily

Plenary: Plenary 4 - JH1 (11:00 AM-12:00 PM)

-Conveners: Antonio Pich

time	[id] title	presenter
11:00 AM	[S08] Lattice calculations of α_s	RAMOS MARTINEZ, Alberto
11:15 AM	[M18] Determinations of α_s from lattice and EFT	PETRECKZY, Peter
11:30 AM	[S09] α_s from high-energy collider data	MOCH, Sven-Olaf
11:45 AM	[S10] Determinations of α_s from SCET	HOANG, Andre

Friday 03 August 2018

Plenary: Plenary 5 - JH1 (9:00 AM-10:30 AM)

-Conveners: Wolfgang Lucha

time	[id] title	presenter
9:00 AM	[M19] Atmospheric charm, QCD and neutrino astronomy	Prof. KNIEHL, Bernd
9:30 AM	[M16] Parton and quasi-parton distribution functions: EFT description and lattice	JI, Xiangdong
10:00 AM	[M15] GPDs and nucleon tomography	SABATIÉ, Franck

Plenary: Plenary 6 - JH1 (11:00 AM-12:00 PM)

time	[id] title	presenter
11:00 AM	[M0] SUSY and Confinement	Prof. TERNING, John TERNING, John
11:30 AM	[M1] The mass of the QCD axion	SZABO, Kalman

Saturday 04 August 2018

Plenary: Plenary 7 - JH1 (9:00 AM-10:30 AM)

-Conveners: Hideo Suganuma

time	[id] title	presenter
9:00 AM	A12 Applications of the functional renormalisation group: From strongly correlated QCD to asymptotically safe quantum gravity	PAWLOWSKI, Jan M.
9:30 AM	A109 Exploring non-abelian gauge theory with energy-momentum tensor; stress, thermodynamics and correlations	KITAZAWA, Masakiyo
10:00 AM	A13 Complex paths beyond Lefschetz thimbles: real time dynamics and the sign problem	ALEXANDRU, Andrei

Plenary: Plenary 8 - JH1 (11:00 AM-12:30 PM)

-Conveners: Michael Creutz

time	[id] title	presenter
11:00 AM	A10 Anomalous chiral matter: from QCD to condensed matter	SHOVKOVY, Igor
11:30 AM	A22 Nonperturbative Casimir Effects	Dr CHERNODUB, Maxim
12:00 PM	A19 Quantum information and strongly interacting theories	FLOERCHINGER, Stefan

Sunday 05 August 2018

Plenary: Plenary 9 - JH1 (9:30 AM-10:30 AM)

-Conveners: Guido Martinelli

time	[id] title	presenter
9:30 AM	A17 [A171] Recent QCD and electroweak results from LHC	MUELLER, Katharina
10:00 AM	A17 [A177] The shape of new physics in B-meson decays	MARTIN CAMALICH, Jorge

Plenary: Plenary 10 - JH1 (11:00 AM-12:50 PM)

-Conveners: Joan Soto

time	[id] title	presenter
11:00 AM	A16 [A126] Multi-hadron observables from lattice QCD	HANSEN, Maxwell
11:30 AM	A19 [A119] Mass definition in QCD and mass extraction	HELLER, Urs M.
12:00 PM	P11 [P111] Review of quarkonium production: status and prospects	CHUNG, Hee Sok
12:30 PM	P10 [P120] Mike Pennington - an appreciation	KIZILERSÜ , Ayşe

Monday 06 August 2018

Plenary: Plenary 11 - JH1 (9:30 AM-11:00 AM)

-Conveners: Gastao Krein

time	[id] title	presenter
9:30 AM	[M9] Dual QCD and Kaon Flavour Physics	Prof. BURAS, Andrzej
10:00 AM	[M8] Double beta decay, low energy hadron physics, neutron EDM: results from Lattice QCD	NICHOLSON, Amy
10:30 AM	[M2] SCET and jets in QCD	STEWART, Iain

Plenary: Plenary 12 - JH1 (11:30 AM-1:00 PM)

-Conveners: Jon-Ivar Skullerud

time	[id] title	presenter
11:30 AM	[M8] On the order of the thermal transition in QCD as function of the number of quark flavours and their masses	CUTERI, Francesca
11:36 AM	[M7] How to find the glueball among the f0s with the QCD counting rules	LLANES-ESTRADA, Felipe J.
11:42 AM	[M6] Direct Learning of Systematics-Aware Summary Statistics	DE CASTRO MANZANO, Pablo
11:48 AM	[M9] Particle Physics Masterclasses	SKULLERUD, Jon-Ivar
11:55 AM	[M3] Dark matter from strongly coupled dark sectors	DIENES, Keith
12:25 PM	[M3] Summary	BRAMBILLA, Nora
12:45 PM	[M1] Closing Remarks	SKULLERUD, Jon-Ivar
12:55 PM	[M0] Close of conference	Mr LAWLESS TD, James