

XVIth Quark Confinement and the Hadron Spectrum

Monday 19 August 2024

Plenary: Plenary 1 - Plenary 1&2 (10:00 - 11:00)

-Conveners: Nora Brambilla

time	[id] title	presenter
10:00	[200] Quantum Computing: a future perspective for scientific computing	JANSEN, Karl
10:30	[48] Hadron-Hadron Interactions from Lattice QCD: Theory meets Experiments	HATSUDA, Tetsuo

Plenary: Plenary 2 - Plenary 1&2 (11:30 - 13:00)

-Conveners: Jianwei Qiu

time	[id] title	presenter
11:30	[213] Experimental review of exotic states discoveries in the last 20 years	SHEN, Chengping
12:00	[334] Strong Dynamics: A Treasure Trove for Standard Model Physics and Beyond	Prof. SANNINO, Francesco
12:30	[217] The QCD phase structure and its signatures from functional approaches	RENNECKE, Fabian

Tuesday 20 August 2024

Plenary: Plenary 3 - Plenary 1&2 (10:00 - 10:30)

-Conveners: Jon-Ivar Skullerud

time	[id] title	presenter
10:00	[343] IPPOG and spin-offs from particle and nuclear physics	Prof. FOKA, Yiota
10:15	[341] Bridging Scientists and Students with Regional School Partnerships	BONDELL, Jackie

Plenary: Plenary 4 - Plenary 1&2 (11:00 - 12:30)

-Conveners: William Detmold

time	[id] title	presenter
11:00	[320] Parton Distributions from Lattice and Impacts on Global QCD Analysis	Prof. LIN, Huey-Wen
11:30	[208] Femtoscopy for exotic hadrons and nuclei	HYODO, Tetsuo
12:00	[116] Neutron stars and Constraints for the Equation of State of Dense Matter	Prof. DEXHEIMER, Veronica

Wednesday 21 August 2024

Plenary: Plenary 5 - Plenary 1&2 (09:00 - 10:30)

-Conveners: Ian Cloet

time	[id] title	presenter
09:00	[315] Solving the strong CP problem	STRUMIA, ALESSANDRO
09:30	[105] Functional methods for hadron spectroscopy	EICHMANN, Gernot
10:00	[212] Beta decay as probe of new physics	WALKER-LOUD, Andre

Plenary: Plenary 6 - Plenary 1&2 (11:00 - 12:00)

-Conveners: Pyungwon Ko

time	[id] title	presenter
11:00	[215] Physics Overview of J-PARC	AOKI, Kazuya
11:30	[100] Review of muon g-2: lattice, dispersive, and data driven results	STOKES, Finn

Thursday 22 August 2024

Plenary: Plenary 7 - Plenary 1&2 (09:00 - 10:30)

-Conveners: Nicole Bell

time	[id] title	presenter
09:00	[210] Three-hadron systems	BRICENO, Raul
09:30	[114] Recent experimental results on QGP formation and properties from the LHC	SNELLINGS, Raimond
10:00	[185] A tribute to Alexander Andrianov: a life for physics	ESPRIU CLIMENT, Domenec

Friday 23 August 2024

Plenary: Plenary 8 - Plenary 1&2 (09:00 - 10:30)

-Conveners: **Gastao Krein**

time	[id] title	presenter
09:00	[209] Complex potential and open system applications in heavy-ion and cold atoms	AKAMATSU, Yukinao
09:30	[44] Hadron Structure: Perspective and Insights	ROBERTS, Craig
10:00	[76] Open Questions in Statistical Practice for Particle Physics	MATORRAS, Francisco

Plenary: Plenary 9 - Plenary 1&2 (11:00 - 12:00)

-Conveners: **Hideo Suganuma**

time	[id] title	presenter
11:00	[214] Lattice and phenomenology of the Quark Gluon Plasma	RATTI, Claudia
11:30	[69] Hadronic vacuum polarization and some atomic binding effects relevant for the MUonE experiment	Prof. WISE, Mark

Plenary: Plenary 10 - Plenary 1&2 (14:00 - 15:00)

-Conveners: **C.-J. David Lin**

time	[id] title	presenter
14:00	[234] In-medium heavy-quark interactions from lattice QCD	Dr WEBER, Johannes Heinrich
14:30	[225] Perturbation theory, power corrections, renormalons, and precise extraction of quark masses and α_s	KRONFELD, Andreas

Plenary: Plenary 11 - Plenary 1&2 (15:30 - 17:15)

-Conveners: **Michael Creutz**

time	[id] title	presenter
15:30	[199] Nucleon charges from Lattice QCD and their Implications for BSM Physics	GUPTA, Rajan
16:00	[224] 30 years highlight of NREFTs for quarkonium	VAIRO, Antonio
16:30	[15] Carlos Guaraldo in memoriam	CURCEANU, Catalina
16:45	[321] Summary Talk	BRAMBILLA, Nora