

XVIth Quark Confinement and the Hadron Spectrum

Monday 19 August 2024

Strongly-Coupled Theories and Dark Matter: G1a (Parallel G) - M6 (14:00 - 15:30)

-Conveners: Domenec Espriu Climent

time	[id] title	presenter
14:00	[150] Probe Strongly Coupled Dark Sector via Gravitational Wave	WANG, ZHIWEI
14:30	[165] Predictions for neutron star mergers from the gauge/gravity duality	JARVINEN, Matti
15:00	[236] Scattering Amplitudes, strong coupling scales and the gauge-gravity double copy in extra dimensions	SENGUPTA, Dipan

Tuesday 20 August 2024

Strongly-Coupled Theories and Dark Matter: G2b (Parallel G) - M4 (16:00 - 17:30)

-Conveners: Irene Bolognino

time	[id] title	presenter
16:00	[135] Anisotropic pressure and novel first-order phase transition in SU(3) Yang-Mills theory on $\mathbb{T}^2 \times \mathbb{R}^2$	FUJII, Daisuke
16:20	[184] Accommodating scalar resonances in the HEFT	ESPRIU CLIMENT, Domenec
16:40	[103] Optical calibration of SABRE-South veto photomultiplier tubes	JANSSENS, Kamiel
17:00	[295] Generalized Beth-Uhlenbeck approach to the thermodynamics of quark-hadron matter	BLASCHKE, David

Wednesday 21 August 2024

Strongly-Coupled Theories and Dark Matter: G3a (Parallel G) - M6 (14:00 - 16:00)

-Conveners: Anthony Williams

time	[id] title	presenter
14:00	[250] Quarks to Cosmos: Particles and Plasma in Cosmological Evolution	RAFELSKI, Johann
14:30	[249] QCD data-driven holographic modeling	HASHIMOTO, Koji
15:00	[232] Instantons processes at colliders	KHOZE, VALENTIN,V
15:30	[161] Basis Light-Front Quantization: Advancing a First Principles Approach for Hadrons	MONDAL, Chandan

Thursday 22 August 2024

Strongly-Coupled Theories and Dark Matter: G4a (Parallel G) - M3 (11:00 - 13:00)

-Conveners: ZHIWEI WANG

time	[id] title	presenter
11:00	[160] Properties of deuteron on the light front	KAUR, Satvir
11:20	[159] Extending Global Fits of 4D Composite Higgs Models with Partially Composite Leptons	GOH, Kenn Shern
11:40	[363] Neutron star structure in QMC with hyperons and high-density repulsion	
12:00	[141] Interacting p-form gauge theories: New developments	KUZENKO, Sergei
12:30	[72] Dark photon in parity-violating electron scatterings	WANG, Xuangong

Strongly-Coupled Theories and Dark Matter: G4b (Parallel G) - M6 (14:00 - 15:30)

-Conveners: VALENTIN,V KHOZE

time	[id] title	presenter
14:00	[65] Polyakov loop, random matrix, and color confinement	HANADA, Masanori
14:30	[319] Conformality, confinement and chiral symmetry breaking	PAWLOWSKI, Jan M.
15:00	[314] Dark pion DM: WIMP vs. SIMP	Prof. KO, Pyungwon