

XVth Quark Confinement and the Hadron Spectrum

Monday, 1 August 2022

Plenary Session: Monday morning I - EOJ (09:30 - 10:30)

-Conveners: Nora Brambilla

time	[id] title	presenter
09:30	[264] Real-time dynamics, inverse problems and lattice simulations	ROTHKOPF, Alexander
10:00	[265] Gradient flow, perturbative and nonperturbative renormalisation	SHINDLER, Andrea

Plenary Session: Monday morning II - EOJ (11:00 - 12:00)

-Conveners: Joan Soto

time	[id] title	presenter
11:00	[276] New end-to-end optimisation of instruments for particle and nuclear physics applications	HEINRICH, Lukas
11:30	[289] Strong Dark Matter	CACCIAPAGLIA, Giacomo

Tuesday, 2 August 2022

Plenary Session: Tuesday morning I - EOJ (09:00 - 10:00)

-Conveners: Panagiota Foka

time	[id] title	presenter
09:00	[269] Heavy ion collisions as a tool: which physics can be explored?	JACAZIO, Nicolò
09:30	[270] Non equilibrium evolution of quarkonium in medium in the open quantum system approach	STRICKLAND, Michael

Plenary Session: Tuesday morning II - EOJ (10:30 - 11:30)

-Conveners: Manfred Faber

time	[id] title	presenter
10:30	[266] Light meson scattering: spectroscopy and exotics. Where do we stand?	PELAEZ SAGREDO, Jose R.
11:00	[282] Interplay of nuclear physics, effective field theories, phenomenology, and lattice QCD in neutrino physics	HOFERICHTER, Martin

Wednesday, 3 August 2022

Plenary Session: Wednesday morning I - EOJ (09:00 - 10:00)

-Conveners: Laura Tolos

time	[id] title	presenter
09:00	[274] QCD confronts heavy flavor and exotic hadrons	PRELOVSEK, Sasa
09:30	[275] Lattice QCD for heavy-ion collisions: Status update	MUKHERJEE, Swagato

Plenary Session: Wednesday Morning II - EOJ (10:30 - 12:00)

-Conveners: Dieter Roehrich

time	[id] title	presenter
10:30	[267] What can pionic atoms tell us about the QCD vacuum?	ITAHASHI, Kenta
11:00	[277] Quarkonium production and polarization: where do we stand?	CHUNG, Hee Sok
11:30	[278] Exotic states in the quarkonium sector: status and perspectives [remote]	YUAN, Changzheng

Thursday, 4 August 2022

Plenary Session: Thursday morning I - EOJ (09:00 - 10:00)

-Conveners: Gastao Krein

time	[id] title	presenter
09:00	[279] Higher Twists	BRAUN, Vladimir
09:30	[280] Non-perturbative calculation of radiative corrections in weak decays	TANTALO, Nazario

Plenary Session: Thursday morning II - EOJ (10:30 - 11:30)

-Conveners: Hagop Satzjian

time	[id] title	presenter
10:30	[271] Universal properties of neutron rich nuclei near the neutron drip line	DAM THAN, Son
11:00	[272] Neutron star mergers and the quark-matter equation of state	MATHEWS, Grant

Friday, 5 August 2022

Plenary Session: Friday morning I - EOJ (09:00 - 10:00)

-Conveners: Anders Tranberg

time	[id] title	presenter
09:00	[285] (remote) Quantum simulations for QCD: where we are now and what is in reach?	DAVOUDI, Zohreh
09:30	[281] Getting ready for the EIC	SATO, Nobuo

Plenary Session: Friday morning II - EOJ (10:30 - 11:30)

-Conveners: Jon-Ivar Skullerud

time	[id] title	presenter
10:30	[284] Connections between QCD and BSM physics	GARDNER, Susan
11:00	[287] Towards a dynamical solution of the strong CP problem	SCHIERHOLZ, Gerrit

Plenary Session: Poster Prize Award Ceremony - EOJ (11:30 - 11:45)

-Conveners: Alexander Rothkopf; Antonio Vairo

Saturday, 6 August 2022

Plenary Session: Saturday morning I - EOJ (09:00 - 10:00)

-Conveners: Antonio Vairo

time	[id] title	presenter
09:00	[286] The neutron lifetime problem: where do we stand?	SALVAT, Daniel
09:30	[290] Renormalons, the plaquette, the gluon condensate and all that	PINEDA, Antonio

Plenary Session - EOJ (10:30 - 11:30)

-Conveners: Alexander Rothkopf

time	[id] title	presenter
10:30	[291] Dynamical fermions, center vortices, and emergent phenomena	LEINWEBER, Derek
11:00	[292] Summary	BRAMBILLA, Nora