

XVth Quark Confinement and the Hadron Spectrum

Monday, 1 August 2022

Parallels Track F: Monday I - AR Ø-130 (14:00 - 15:00)

-Conveners: Andreas Schmitt

time	[id] title	presenter
14:00	[137] Exploring the Phase Diagram of V-QCD with Neutron Star Merger Simulations	ECKER, Ch
14:20	[253] Neutron stars and phase diagram from a double hard-wall	BARTOLINI, Lorenzo
14:40	[41] Realistic neutron stars from holography	KOVENSKY, Nicolas

Parallels Track F: Monday II - AR Ø-130 (15:40 - 17:00)

-Conveners: Andreas Schmitt

time	[id] title	presenter
15:40	[68] Strange Quark Matter from Baryons	PITSINIGKOS, Savvas
16:00	[190] Understanding QCD matter at finite density using relativistic nuclear models	ABHISHEK, Aman
16:20	[50] Hybrid stars with large strange quark cores	FERREIRA, Márcio

Tuesday, 2 August 2022

Parallels Track F: Tuesday I - AR Ø-130 (14:00 - 15:00)

-Conveners: Johann Marton

time	[id] title	presenter
14:00	[225] Phase diagram and condensates at finite isospin QCD	ANDERSEN, Jens Oluf
14:20	[310] Chiral anomaly induces superconducting baryon crystal	SCHMITT, Andreas
14:40	[192] Crossover Toward Quark Matter in Neutron Stars	FUKUSHIMA, Kenji

Parallels Track F: Tuesday II - AR Ø-130 (15:40 - 17:00)

-Conveners: Johann Marton

time	[id] title	presenter
15:40	[227] Early quark deconfinement in compact star astrophysics and heavy-ion collisions	IVANYTSKYI, Oleksii
16:00	[104] Merger of a Neutron Star with a Black Hole: One-family versus Two-families Scenario	DI CLEMENTE, Francesco
16:20	[96] Gravitational wave signatures of phase transition from hadronic to quark matter in isolated neutron stars and binaries	Dr MALLICK, Ritam
16:40	[93] Reconciling Multi-messenger Constraints with Chiral Symmetry Restoration	MARCZENKO, Michał

Thursday, 4 August 2022

Parallels Track F: Thursday I - AR Ø-130 (14:00 - 15:00)

-Conveners: David Blaschke

time	[id] title	presenter
14:00	[252] Are there pastas in neutron stars?	CHAMEL, Nicolas
14:20	[309] Equation of state for the hot hyperonic neutron star core	TOLOS, Laura
14:40	[126] Transport coefficients of magnetized neutron star cores	SHTERNIN, Petr

Parallels Track F: Thursday II - AR Ø-130 (15:40 - 17:00)

-Conveners: David Blaschke

time	[id] title	presenter
15:40	[236] Trace anomaly in neutron stars	FUJIMOTO, Yuki
16:00	[46] QCD in the cores of neutron stars	KURKELA, Aleksii
16:20	[210] Impacts on the dense-matter equation of state from high-density QCD	GORDA, Tyler

Friday, 5 August 2022

Parallels Track F: Friday I - AR Ø-130 (14:00 - 15:00)

-Conveners: Laura Tolos

time	[id] title	presenter
14:00	[242] Special points in the mass-radius diagram of hybrid stars	BLASCHKE, David
14:20	[136] How dark matter affects compact star's properties and constraints we put on strongly interacting matter at high densities	SAGUN, Violetta
14:40	[97] Strange white dwarfs	DRAGO, Alessandro

Parallels Track F: Friday II - AR Ø-130 (15:40 - 17:00)

-Conveners: Laura Tolos

time	[id] title	presenter
15:40	[230] High-accuracy calculation of charge radii of light nuclei	FILIN, Arseniy
16:00	[187] Phi meson properties in nuclear matter from dilepton spectra in a transport approach	GUBLER, Philipp
16:20	[244] A technical ecosystem to enable multi-messenger astrophysics	COUGHLIN, Michael
16:40	[313] Exotic states production in relativistic heavy ion collisions	Prof. BRAVINA, Larissa SHE, ZhiLei