



# A Virtual Tribute to Quark Confinement and the Hadron Spectrum 2021

## Monday, August 2, 2021

### Parallels Track F: Parallel I (5:00 PM - 6:00 PM)

time	[id]	title	presenter
5:00 PM	M138	Deuteron charge and quadrupole form factors in chiral effective field theory	FILIN, Arseniy
5:20 PM	M144	Nuclear-Physics Multi-messenger Constraints on the Equation of State of Neutron Stars	TEWS, Ingo
5:40 PM	M163	Probing the slope of the nuclear symmetry energy with neutron star mergers	MOST, Elias

# Tuesday, August 3, 2021

## Parallels Track F: Parallel II (9:00 AM - 10:00 AM)

time	[id] title	presenter
9:00 AM	[14] Low-energy kaon-nucleon/nuclei interaction studies at the DAFNE Collider in Italy	CURCEANU, Catalina
9:20 AM	[18] Thermal Effects in Binary Neutron Star Merger Simulations	Mr HAMMOND, Peter
9:40 AM	[17] Inferring the dense nuclear matter equation of state with neutron star tides	PNIGOURAS, Pantelis

# Wednesday, August 4, 2021

## Parallels Track F: Parallel III (5:00 PM - 6:00 PM)

time	[id] title	presenter
5:00 PM	M115] Extreme Matter meets Extreme Gravity: Observational Implications of Ultra-Heavy Neutron Stars with Cross-Overs and Phase Transitions	DEXHEIMER, Veronica
5:20 PM	M180] Urca processes in neutron star mergers	HABER, Alexander
5:40 PM	M191] Inhomogeneous pion condensed phase hosting topologically stable baryons.	Dr MANNARELLI, Massimo

# Thursday, August 5, 2021

## Parallels Track F: Parallel IV (9:00 AM - 10:00 AM)

time	[id] title	presenter
9:00 AM	[149] Maximum latent heat of neutron star matter without General Relativity	LLANES-ESTRADA, Felipe Jose
9:20 AM	[149] Holographic QCD in the NICER era	JOKELA, Niko
9:40 AM	[164] Equation of state for holographic nuclear matter as instanton gas	TACHIBANA, MOTOI

## Parallels Track F: Parallel V (10:10 AM - 11:10 AM)

time	[id] title	presenter
10:10 AM	[157] The unified equation of state with induced surface tension consistent with astrophysical, gravitational, high- and low- energy nuclear physics data	SAGUN, Violetta
10:30 AM	[163] Special point and onset of deconfinement in the M-R diagram of neutron stars.	CIERNIAK, Mateusz
10:50 AM	[160] Neutron star properties from a constrained EoS	PROVIDENCIA, Constança

# Friday, August 6, 2021

## Parallels Track F: Parallel VI (2:30 PM - 3:30 PM)

time	[id] title	presenter
2:30 PM	[M150] Crystalline phases in dense matter	CARIGNANO, Stefano
2:50 PM	[M196] Thermodynamics, quark and pion condensates in finite isospin chiral perturbation theory	Prof. ANDERSEN , Jens Oluf
3:10 PM	[M197] Holographic quarkyonic matter	KOVENSKY, Nicolas

## Parallels Track F: Parallel VII (3:40 PM - 4:20 PM)

time	[id] title	presenter
3:40 PM	[M196] Warm dense QCD matter in strong magnetic fields	KOLESOVA, Helena
4:00 PM	[M173] Relativistic density functional approach to unified description of quark-hadron matter	IVANYTSKYI, Oleksii