



# 19th International Conference on QCD in Extreme Conditions (XQCD 2023)

## Wednesday, 26 July 2023

### **Parallel session A: 1, Chair: Carolyn Raithe - Auditorium C.1 (14:00 - 15:15)**

time	[id] title	presenter
14:00	[103] Is matter inside massive neutron stars not hadronic?	MALIK, TUHIN
14:25	[36] Neutron star radial oscillations with Delta Baryons	Dr RATHER, Ishfaq Ahmad
14:50	[59] Delta baryons in (hot) neutron stars	MARQUEZ, Kauan

### **Parallel session A: 2, Chair: Fernando Navarra - Auditorium C.1 (15:45 - 17:00)**

time	[id] title	presenter
15:45	[57] Relativistic description of neutron star matter with latest experimental and observational constraints	CHAR, Prasanta
16:10	[25] What is the nature of the HESS J1731-347 compact object? Does it confirm the early deconfinement phase transition?	Dr SAGUN, Violetta
16:35	[111] Rebuilding Neutron Star EoSs from Observations with Deep Learning	WANG, Lingxiao

# Thursday, 27 July 2023

**Parallel session A: 3, Chair: Waseem Kamleh - Auditorium C.1 (16:00 - 16:50)**

time	[id] title	presenter
16:00	[30] Nontrivial topology in QCD, the Vacuum Energy and Large scale magnetic field of the Universe	ZHITNITSKY, Ariel
16:25	[88] Kinetic/chemical Equilibration of Heavy DM Particles in Expanding Universe via Langevin equation simulation	Prof. KIM, Seyong

**Parallel session A: 4, Chair: Waseem Kamleh - Auditorium C.1 (17:15 - 18:05)**

time	[id] title	presenter
17:15	[43] Three-gluon vertex in Landau gauge from lattice QCD: planar degeneracy and beyond.	Dr DE SOTO, Feliciano
17:40	[68] Higgs-confinement continuity in light of particle-vortex statistics	HAYASHI, Yui

# Friday, 28 July 2023

## Parallel session A: 5, Chair: Joseph Kapusta - Auditorium C.1 (14:00 - 15:40)

time	[id] title	presenter
14:00	[16] Speed of Sound beyond the High-Density Relativistic Limit in Dense Two-Color QCD: Lattice Simulation Results	ITOU, Etsuko
14:25	[51] QCD thermodynamics with dynamical chiral fermions	KOTOV, Andrey
14:50	[39] Hadron scatterings in small chemical potential	MURAKAMI, Kotaro
15:15	[83] Exploring external field related phenomena in full lattice QCD	BRANDT, Bastian