



# QNP2024 - The 10th International Conference on Quarks and Nuclear Physics

## Monday, 8 July 2024

### H. Equation of State and Neutron Stars - Aula M4 (14:15 - 16:00)

time	[id] title	presenter
14:15	[17] Hyperons in neutron star mergers	KOCHANKOVSKI, Hristijan
14:35	[51] Tidal heating as a direct probe of Strangeness inside Neutron stars	GHOSH, Suprovo
14:55	[206] From hadron resonance gas to quark-gluon plasma by Mott dissociation of quark clusters	BLASCHKE, David
15:15	[148] CFL quark cores in low-mass neutron stars via sexaquark condensation	IVANYTSKYI, Oleksii
15:35	[149] Dense Baryonic Matter Equation of State with Quark Pauli Blocking	VITIUK, Oleksandr

### H. Equation of State and Neutron Stars - Aula M4 (16:30 - 18:15)

time	[id] title	presenter
16:30	[91] Which first order phase transitions to quark matter are possible in neutron stars?	CHRISTIAN, Jan-Erik
16:50	[13] Effect of hadron-quark phase transition on the Neutron star $f$ -mode Oscillations in general relativistic calculations	BANIK, Sarmistha
17:10	[89] Non-radial oscillations in newly born compact star considering effects of phase transition	KUMAR, Anil
17:30	[101] Radial Oscillations in Hybrid Stars with Slow Quark Phase Transition	RATHER, ISHFAQ AHMAD

# Tuesday, 9 July 2024

## H. Equation of State and Neutron Stars - Aula M4 (14:15 - 16:00)

time	[id] title	presenter
14:15	[141] Nuclear Matter Properties and Neutron Star Phenomenology Using the Finite Range Simple Effective Interaction	VIÑA GAUSÍ, Xavier
14:35	[131] Fast cooling from young and cold isolated neutron stars constraining dense matter EoS	Dr DEHMAN, Clara
14:55	[168] Nuclear Matter properties from the ladder resummation method	ALARCON, Jose Manuel
15:15	[122] Are all Equations of State in Neutron Stars born alike?	LOPE OTER, Eva
15:35	[102] The impact of the equation of state on superconducting phases in neutron star cores	GRABER, Vanessa

# Wednesday, 10 July 2024

## H. Equation of State and Neutron Stars - Aula M4 (14:15 - 16:00)

time	[id] title	presenter
14:15	[31] Exploring Composition of Neutron Star Matter with a Relativistic Density Functional	CHAR, Prasanta
14:35	[185] Gravitational-wave imprints of nonconvex dynamics in binary neutron star mergers	RIVIECCIO, Giuseppe
14:55	[41] General predictions of neutron star properties using unified relativistic mean-field equations of state	SCURTO, Luigi
15:15	[108] Equation of State in the era of new nuclear physics and multimessenger constraints	MONDAL, Chiranjib
15:35	[252] NO TALK	