

NewAthena Rising: SWG4

Thursday 4 June 2026

Neutron star equation of state: Chair: A. Marino (17:35 - 17:50)

time	[id] title	presenter
17:35	[48] Dense Matter Equation of State from Astrophysical Observations	CHAR, Prasanta

Friday 5 June 2026

Neutron star equation of state: Chair: S. Guillot (10:00 - 11:10)

time	[id] title	presenter
10:00	[24] Measuring Compact Object Masses and Constraining the Neutron Star Equation of State with X-ray Eclipse Mapping	KNIGHT, Amy
10:25	[2] Future dense matter constraints from millisecond pulsars with NewAthena	MAUVIARD, Lucien
10:40	[3] Lifting systematic biases in neutron star quiescent LMXBs with NewAthena to constrain the dense matter equation of state	KAZANTSEV, Christine
10:55	[43] Equation of State at finite temperature in the era of new nuclear physics and multimessenger constraints	MONDAL, Chiranjib