

Sixteenth Marcel Grossmann Meeting

Wednesday, 7 July 2021

Dense Matter in Compact Stars: Block 1 (09:30 - 12:30)

-Conveners: Jorge Armando Rueda Hernandez; Alessandro Drago

time	[id] title	presenter
09:30	[367] Extracting physics from the randomness in neutron star rotation	Prof. MELATOS, Andrew
09:50	[586] Parameter estimation for a two-component neutron star model with a Kalman filter	Mr O'NEILL, Nicholas
10:10	[766] Effects of anisotropy on strongly magnetized neutron and strange quark stars in general relativity	Dr DEB, Debabrata
10:30	[205] Quasi-universality of the magnetic deformation of neutron stars in general relativity and beyond	SOLDATESCHI, Jacopo
10:50	[832] NEMO: a dedicated kHz gravitational-wave observatory for neutron star extreme matter	LASKY, Paul
11:10	[1007] Probing the dense matter physics of neutron star cores with transiently-accreting neutron stars	MENDES, Melissa
11:30	[146] Search for gravitational waves from r-mode oscillations in PSR J0537-6910	BEJGER, Michał
11:50	[237] Tidal deformations of hybrid stars with elastic phases	Dr PEREIRA, Jonas
12:10	[216] Elastic properties of the NS crust in the OCP approximation.	BARBA GONZÁLEZ, David

Thursday, 8 July 2021

Dense Matter in Compact Stars: Block 2 (16:30 - 19:30)

-Conveners: Alessandro Drago; Jorge Armando Rueda Hernandez

time	[id] title	presenter
16:30	[366] Measuring Nuclear Matter Parameters with NICER and LIGO/Virgo	YAGI, Kent
16:50	[530] A first sign from the neutron star in SN 1987A	PAGE, Dany
17:10	[204] Was GW190814 a Black Hole–Strange Quark Star System?	PAGLIARA, Giuseppe
17:30	[614] Binary neutron star mergers of quark matter based nuclear equations of state	KEDIA, Atul
17:50	[959] Probing hybrid stars with gravitational waves via interfacial modes	LAU, Shu Yan
18:10	[652] On the properties of metastable hypermassive hybrid stars	HANAUSKE, Matthias
18:30	[892] Neutron star radius-to-mass ratio from accretion disc occultation	LA PLACA, Riccardo
18:50	[324] Bosonic Dark Matter in Neutron Stars and Gravitational Waves	Mr RAFIEI KARKEVANDI, Davood