Continuous gravitational waves and neutron stars

Monday, 17 June 2024

Neutron star modelling: 1 (13:50 - 15:15)

time	[id] title	presenter
13:50	[45] Modelling continuous gravitational wave emission from neutron stars	JONES, Ian
14:50	[27] High priority targets for transient continuous waves from glitching pulsars	YIM, Garvin

Neutron star modelling: 2 (15:45 - 17:00)

time	[id] title	presenter
15:45	[29] A (old) new science goal for deci-Hertz gravitational wave detectors	PAGLIARO, Gianluca
16:10	[25] Improving the understanding of evolution of binary neutron stars with Einstein Telescope	SINGH, Neha
16:35	[38] Detection possibility of continuous gravitational waves from isolated rotating magnetized compact objects	DAS, Mayusree

Tuesday, 18 June 2024

Neutron star modelling: 3 (16:15 - 17:30)

time	[id] title	presenter
16:15	[28] Universal relations and equation-of-state inference for rapidly rotating neutron stars	Dr VÖLKEL, Sebastian
16:40	[9] A microlensing effect in the continuous gravitational wave signal: signal from the spinning neutron star lensed by a point mass	SUYAMPRAKASAM, Sudhagar
17:05	[1] Computation of spin evolution of millisecond pulsars: a way to probe continuous gravitational waves	BHATTACHARYYA, Sudip

Wednesday, 19 June 2024

Neutron star modelling: 4 (13:05 - 14:30)

time	[id] title	presenter
13:05	[44] Neutron star populations in the Galaxy and their evolutionary interconnection	ASCENZI, Stefano
14:05	[7] Mapping the spatial distribution of neutron star binaries within the Milky Way using novel simulations	MANDHAI, Soheb

Neutron star modelling: 5 (15:00 - 16:15)

time	[id] title	presenter
15:00	[36] The problem with the r-modes of neutron stars	Dr GITTINS, Fabian
15:25	[13] R-modes as probe of Dark Matter in Neutron Stars	GHOSH, Suprovo
15:50	[18] Neural Simulation-Based Inference of the Neutron Star Equation of State directly from Telescope Spectra	BRANDES, Len