

Belgian-Dutch Gravitational Wave Meeting 2022

Friday, 14 October 2022

Theory and Astrophysics - Vergaderzaal 2.3 August Vermeylen (13:50 - 15:30)

-Conveners: Tanja Hinderer

time	[id] title	presenter
13:50	[28] Modelling neutron star matter	CHAR, Prasanta
14:00	[27] Black hole multipoles in higher-derivative gravity	CANO, Pablo Antonio
14:10	[33] Searching higher-derivative extensions to GR in black holes' ringdown	MAENAUT, Simon
14:20	[25] Nonlinear effects in the black hole ringdown: absorption-induced mode excitation	BOSCH, Pablo
14:30	[36] Tidally perturbed isolated horizons	RIBES METIDIÉRI, Ariadna
14:40	[29] The motion of test bodies in curved spacetime and its applications to GWs physics	DRUART, Adrien
14:50	[32] Relativistic modelling of EMRIs environment	MACHET, Ludovico
15:00	[26] Gradient corrections to the one-loop effective action for strong electroweak phase transitions	CANEVAROLO, Sofia
15:10	[39] Gravitational waves from dark matter production	VANVLASSELAER, Miguel

Theory and Astrophysics - Vergaderzaal 2.3 August Vermeylen (15:55 - 17:00)

-Conveners: Thomas Hertog

time	[id] title	presenter
15:55	[37] Finding quiescent black holes in massive binaries	SANA, Hugues
16:05	[34] How do binary stars form compact object mergers?	MARCHANT, Pablo
16:25	[35] Forming merging double compact objects with stable mass transfer	PICCO, Annachiara
16:35	[22] REMOTE: Gravitational wave spectral synthesis	VAN ZEIST, Wouter
16:45	[38] REMOTE: SOBBH with LISA: forecasts of background and events detectability in the light of GWTC-3	TORRADO, Jesus