

Gravitational Wave Probes of Physics Beyond Standard Model

Tuesday 13 July 2021

Phase Transitions: Phase Transitions (14:00 - 15:55)

-Conveners: Kai Schmitz

time	[id] title	presenter
14:00	[52] Generation of GWs from freely-decaying kinetic turbulence	Dr CAPRINI, Chiara
14:40	[23] Towards an all-orders calculation of the electroweak bubble wall velocity	TURNER, Jessica
15:05	[19] Cosmological bubble friction in local equilibrium	TAMARIT, Carlos
15:30	[14] Reliable predictions for cosmological phase transitions	Dr GOULD, Oliver

Phase Transitions: Break (15:55 - 16:10)

Phase Transitions: Phase Transitions (16:10 - 18:05)

-Conveners: Marieke Postma

time	[id] title	presenter
16:10	[24] From dimensional reduction to droplets: understanding strong first-order phase transitions	WEIR, David
16:50	[1] Gravitational waves from bubble collisions in first order phase transitions	LEWICKI, Marek
17:15	[8] Model-independent energy budget of gravitational waves from a cosmological first-order phase transition	VAN DE VIS, Jorinde
17:40	[13] Turbulent production of gravitational radiation from cosmological phase transitions	ROPER POL, Alberto

Phase Transitions: Break (18:05 - 18:10)

Phase Transitions: Panel Discussion (18:10 - 19:00)

-Conveners: Graham White