

Gravitational Wave Probes of Physics Beyond Standard Model

Tuesday, July 13, 2021

Phase Transitions: Phase Transitions (2:00 PM - 3:55 PM)

-Conveners: Kai Schmitz

time	[id] title	presenter
2:00 PM	[52] Generation of GWs from freely-decaying kinetic turbulence	Dr CAPRINI, Chiara
2:40 PM	[23] Towards an all-orders calculation of the electroweak bubble wall velocity	TURNER, Jessica
3:05 PM	[19] Cosmological bubble friction in local equilibrium	TAMARIT, Carlos
3:30 PM	[14] Reliable predictions for cosmological phase transitions	Dr GOULD, Oliver

Phase Transitions: Break (3:55 PM - 4:10 PM)

Phase Transitions: Phase Transitions (4:10 PM - 6:05 PM)

-Conveners: Marieke Postma

time	[id] title	presenter
4:10 PM	[24] From dimensional reduction to droplets: understanding strong first-order phase transitions	WEIR, David
4:50 PM	[1] Gravitational waves from bubble collisions in first order phase transitions	LEWICKI, Marek
5:15 PM	[8] Model-independent energy budget of gravitational waves from a cosmological first-order phase transition	VAN DE VIS, Jorinde
5:40 PM	[13] Turbulent production of gravitational radiation from cosmological phase transitions	ROPER POL, Alberto

Phase Transitions: Break (6:05 PM - 6:10 PM)

Phase Transitions: Panel Discussion (6:10 PM - 7:00 PM)

-Conveners: Graham White