

Probing Nuclear Physics with Neutron Star Mergers

Monday, 12 July 2021

Simulating Neutron Star Mergers - Virtual (15:00 - 18:00)

time	[id] title	presenter
15:00	[24] Introduction by Organizers	FRYER, Christopher
15:15	Welcome by Gert Aarts - ECT*Director	
15:20	[8] Neutron star merger simulations with the Lagrangian Numerical Relativity code SPHINCS_BSSN	ROSSWOG, Stephan
15:45	[25] R-process: connecting simulations to observations	ARCONES, Almudena
16:10	[12] Impact of Full Neutrino Transport on Post-Merger Disks	MILLER , Jonah
16:35	[3] Flavor conversions of neutrinos in neutron star merger remnants	WU , Meng-Ru
17:00	[20] Prompt Collapse in Binary Neutron Star Mergers	DAS , Abhishek
17:25	[23] Multidimensional Aspects of Kilonova Variability	KOROBKIN, Oleg