



# Gravitational Wave Probes of Physics Beyond Standard Model

## Monday 12 July 2021

**Topological Defects: Welcome Note by Dr. John Ellis (13:50 - 14:00)**

**Topological Defects: Topological Defects (14:00 - 15:55)**

-Conveners: Jose Miguel No

time	[id] title	presenter
14:00	[21] Neutrino Mass, Leptogenesis, GUT	MURAYAMA, Hitoshi
14:40	[12] Gravitational waves from metastable cosmic strings	SCHMITZ, Kai
15:05	[51] Probing cosmic superstrings with gravitational waves	SOUSA, Lara
15:30	[22] The Stochastic Gravitational Wave Background from Cosmic String Networks	BLANCO-PILLADO, Jose Juan

**Topological Defects: Break (15:55 - 16:10)**

**Topological Defects: Topological Defects (16:10 - 18:05)**

-Conveners: Ranjan Laha

time	[id] title	presenter
16:10	[29] Probing particle physics and cosmology with cosmic strings and GWs	STEER, Daniele
16:50	[11] Nonlinear gravitational-wave memory from cusps and kinks on cosmic strings	Mr JENKINS, Alexander
17:15	[10] Searching for gravitational wave bursts from cosmic string cusps with the Parkes Pulsar Timing Array	KUROYANAGI, Sachiko
17:40	[20] Cosmic Archaeology with gravitational waves from (axion) cosmic strings	Prof. CUI, Yanou

**Topological Defects: Break (18:05 - 18:10)**

**Topological Defects: discussion session (18:10 - 19:00)**

-Conveners: Marek Lewicki