



# Unravelling the Universe with Pulsar Timing Arrays

## Thursday 30 November 2023

**Afternoon Early: SMBHB merger history and as sources of GW at NANOGrav - Forbes B (14:00 - 15:20)**

time	[id] title	presenter
14:00	[306] SMBHB merger at low redshift	MCWILLIAMS, Sean
14:40	[307] Multi-messenger science with supermassive black hole binaries.	LIU, Tingting

# Friday 1 December 2023

## Afternoon Early: BSM signals for NANOGrav - Forbes B (14:00 - 15:20)

time	[id] title	presenter
14:00	[313] Cosmological Phase Transition at PTA	Dr KOSOWSKY, Arthur
14:40	[314] Relic gravitational waves and primordial magnetic fields	Prof. KAHNIASHVILI, Tina