



# Astrophysics with GW detections, 6-7 September 2019

## Saturday, 7 September 2019

### Astrophysics 2 (09:30 - 11:00)

time	[id] title	presenter
09:35	[21] Prospects and challenges for multi-messenger astronomy	BRANCHESI, Marica
10:15	[27] Host galaxies of merging compact objects	Dr ARTALE, Maria Celeste
10:35	[28] Time-domain model for kiloHertz gravitational-waveforms from neutron star merger remnants	BRESCHI, Matteo

### Astrophysics 2 (11:30 - 13:00)

time	[id] title	presenter
11:30	[30] Neutron star mergers and the high density equation of state	BAUSWEIN, Andreas
12:10	[29] Connecting nuclear physics and multi-messenger astrophysics with neutron stars	FORTIN, Morgane
12:40	[36] Population of neutron stars and its observability in GW	CIEŚLAR, Marek

### Astrophysics 2 (14:00 - 16:00)

time	[id] title	presenter
14:00	[26] Dynamically driven mergers of black holes in dense stellar environments	ASKAR, Abbas
14:40	[33] Chirp mass - distance distributions of the sources of gravitational waves	OSSOWSKI, Maciej
14:50	[34] The results and implications of search for gravitational waves emitted by core collapse supernovae	SZCZEPANCZYK, Marek
15:10	[35] Computing the spin tilt angles at formation from gravitational wave observations of binary black holes	JOHNSON-MCDANIEL, Nathan