



# International conference PUMA22 Probing the Universe with Multimessenger Astrophysics

## Wednesday, September 28, 2022

### Session 6 (3:00 PM - 6:30 PM)

-Conveners: **Lorenzo Cabona; Davide Ricci**

time	[id] title	presenter
3:00 PM	[M1] Multimessenger Parameter Estimation of GW170817: From Jet Structure to the Hubble Constant	WANG, Hao
3:20 PM	[M0] Simulating the recollimation shocks, instabilities and particle acceleration in relativistic jets	COSTA, Agnese
3:40 PM	[M3] Using low frequency scatter broadening measurements for precision estimates of DM and its implications on GW detection using PTAs	SINGHA, Jaikhomba
4:00 PM	[M9] Towards experimental study of compact binary ejecta opacity relevant for kilonova transient signals	PIDATELLA, Angelo
4:20 PM	Coffee Break	
4:50 PM	[M0] Stability of hypermassive neutron stars against a prompt collapse	SZEWCZYK, Paweł
5:10 PM	[M7] A phenomenological inspiral-merger-postmerger gravitational waveform model for binary neutron star coalescence	PUECHER, Anna
5:30 PM	[M4] Novel cosmological bounds on thermally-produced axion-like particles	CALONI, Luca
5:50 PM	[M5] DEMNUni: CMB-galaxy cross-correlation in the presence of massive neutrinos	CUOZZO, Viviana
5:55 PM	[M1] Testing the cosmological principle with the CMASS galaxy sample	Prof. PARK, Chan-Gyung