

Workshop on Astrophysics and Relativity: ASTRO-GR 2015

	Tuesday Aug. 11	Wednesday Aug. 12	Thursday Aug. 13	Friday Aug. 14	Saturday Aug. 15
10:00 - 10:45	School on Gravitational Waves	Bangalore Sathyaprakash Undreamt by Einstein: Prospects in GW Astronomy and challenges	Massimo Dotti Gas driven MBH binary evolution: hints from AGN observations	Salvatore Vitale What can GWs tell us about black holes?	Pablo Laguna Stellar tidal disruptions for dummies
10:45 - 11:30		John Veitch Extracting astrophysics of neutron stars from compact binary GW observations	Jorge Cuadra Gas dynamics and SMBH accretion in the Galactic centre	Parameswaran Ajith Measuring the energy and angular momentum lost by binary black holes into GWs	Satellite groups discussion
11:30 - 12:00		Coffee	Coffee	Coffee	Coffee
12:00 - 12:45		Paola Leaci New prospects by the Advanced LIGO-Virgo Detector Network	Tal Alexander Dynamically triggered supra-exponential growth of black hole seeds in the early universe	Deirdre Shoemaker What do we know about GWs from intermediate mass black hole mergers?	Group A and B: Presentations
12:45 - 14:00	Registration	Lunch	Lunch	Lunch	
14:00 - 14:45	Zoltan Haiman & Daniel J. D'Orazio Hydrodynamics of circumbinary disks and corresponding binary signatures	ICTP Colloquium Zolta Haiman + Coffee	Walter Del Pozzo Testing General Relativity with GWs	Matt Benaquista GWs from stellar mass black holes in extra-galactic globular clusters	
14:45 - 15:30	Tamara Bogdanovic Can star-disk collisions explain the missing red giants problem in the galactic center?		Satellite groups discussion	Satellite groups discussion	
15:30 - 15:45	Coffee		Coffee	Coffee	
15:45 - open	Satellite groups discussion	Satellite groups discussion	Satellite groups discussion	Satellite groups discussion	