

28th Texas Symposium on Relativistic Astrophysics

Wednesday, December 16, 2015

11 - Gravitational waves - Level 2, Room 13 (2:00 PM - 3:45 PM)

-Conveners: Chiara Caprini

time	[id] title	presenter
2:00 PM	[108] The quest for a stochastic background with LIGO/Virgo GW detectors	REGIMBAU, Tania
2:21 PM	[255] Cosmic variance in the nanohertz gravitational wave background	ROEBBER, Elinore
2:42 PM	[371] Gravitational Waves from a Dark Sector	SCHWALLER, Pedro Klaus
3:03 PM	[360] Acoustically generated gravitational waves from thermal first order phase transitions	HINDMARSH, Mark
3:24 PM	[354] Gravitational waves from a thermal first order phase transition: numerical simulations	WEIR, David

11 - Gravitational waves - Level 2, Room 13 (4:15 PM - 6:45 PM)

-Conveners: Chiara Caprini

time	[id] title	presenter
4:15 PM	[53] Late-time cosmology with eLISA	TAMANINI, Nicola
4:35 PM	[284] Electromagnetic Emission from Compact Supermassive Black Hole Binaries	Prof. HAIMAN, Zoltan
4:55 PM	[162] The fate of Super Massive Black Holes in galaxy mergers	Prof. ESCALA, Andres
5:15 PM	[404] The underlying simplicity of precessing black-hole binaries	HANNAM, Mark
5:35 PM	[396] Accurate Phenomenological Waveform Models for Black Hole Coalescence in the Frequency Domain	HUSA, Sascha
5:55 PM	[295] Gravitational waveform from binary neutron star mergers: Numerical relativity and Effective-one body	HOTOKEZAKA, Kenta
6:15 PM	[350] Gravitational Wave Signals from 3D Neutrino Simulations of Core-Collapse Supernovae Hydrodynamics	ANDRESEN, Haakon
6:35 PM	gap	

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-Conveners: Chiara Caprini

time	[id] title	presenter
2:00 PM	[115] Dynamics of compact binaries at the fourth post-Newtonian approximation	Ms BERNARD, Laura
2:20 PM	[141] A new instability to black-hole spin precession	GEROSA, Davide
2:40 PM	[221] Saturation of the f-mode instability in neutron stars	PNIGOURAS, Pantelis
3:00 PM	[417] Gravitational wave attenuation through interactions with charged particles	AVENOSO, Joseph VIDUCIC, Tyler
3:03 PM	[100] Search of the primordial gravitational waves with Very Long Baseline Interferometry	Dr TITOV, Oleg
3:06 PM	gap	

11 - Gravitational waves: Pulsar Timing Array - Level 2, Room 13 (4:15 PM - 6:45 PM)

-Conveners: Victoria Kaspi; Michael Kramer

time	[id] title	presenter
4:15 PM	[458] Gravitational waves from binary supermassive black holes missing in pulsar observations	Dr OSLOWSKI, Stefan
4:36 PM	[366] Status of the European Pulsar Timing Array	DESVIGNES, Gregory
4:57 PM	[403] Search for continuous gravitational wave in EPTA dataset	Dr LASSUS, Antoine
5:19 PM	[409] Limits on the amplitude of the nanohertz gravitational wave Universe from the European Pulsar Timing Array	Dr LENTATI, Lindley
5:41 PM	[450] Lessons on massive black hole binaries from pulsar timing arrays	Dr SESANA, Alberto
6:03 PM	[462] Constraining the energy scale of cosmic strings with PTAs	Dr SANIDAS, Sotiris
6:25 PM	[504] Pulsar timing detection of gravitational waves from supermassive black hole binaries in stellar environment	RASSKAZOV, Alexander