

28th Texas Symposium on Relativistic Astrophysics

Monday 7 December 2015

11 - Gravitational waves - Level 2, Room 13 (14:00 - 15:45)

-Conveners: Chiara Caprini

time	[id] title	presenter
14:00	[108] The quest for a stochastic background with LIGO/Virgo GW detectors	REGIMBAU, Tania
14:21	[255] Cosmic variance in the nanohertz gravitational wave background	ROEBBER, Elinore
14:42	[371] Gravitational Waves from a Dark Sector	SCHWALLER, Pedro Klaus
15:03	[360] Acoustically generated gravitational waves from thermal first order phase transitions	HINDMARSH, Mark
15:24	[354] Gravitational waves from a thermal first order phase transition: numerical simulations	WEIR, David

11 - Gravitational waves - Level 2, Room 13 (16:15 - 18:45)

-Conveners: Chiara Caprini

time	[id] title	presenter
16:15	[53] Late-time cosmology with eLISA	TAMANINI, Nicola
16:35	[284] Electromagnetic Emission from Compact Supermassive Black Hole Binaries	Prof. HAIMAN, Zoltan
16:55	[162] The fate of Super Massive Black Holes in galaxy mergers	Prof. ESCALA, Andres
17:15	[404] The underlying simplicity of precessing black-hole binaries	HANNAM, Mark
17:35	[396] Accurate Phenomenological Waveform Models for Black Hole Coalescence in the Frequency Domain	HUSA, Sascha
17:55	[295] Gravitational waveform from binary neutron star mergers: Numerical relativity and Effective-one body	HOTOKEZAKA, Kenta
18:15	[350] Gravitational Wave Signals from 3D Neutrino Simulations of Core-Collapse Supernovae Hydrodynamics	ANDRESEN, Haakon
18:35	gap	

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time	[id] title	presenter
14:00	[115] Dynamics of compact binaries at the fourth post-Newtonian approximation	Ms BERNARD, Laura
14:20	[141] A new instability to black-hole spin precession	GEROSA, Davide
14:40	[221] Saturation of the f-mode instability in neutron stars	PNIGOURAS, Pantelis
15:00	[417] Gravitational wave attenuation through interactions with charged particles	AVENOSO, Joseph VIDUCIC, Tyler
15:03	[100] Search of the primordial gravitational waves with Very Long Baseline Interferometry	Dr TITOV, Oleg
15:06	gap	

11 - Gravitational waves: Pulsar Timing Array - Level 2, Room 13 (16:15 - 18:45)

-Conveners: Victoria Kaspi; Michael Kramer

time	[id] title	presenter
16:15	[458] Gravitational waves from binary supermassive black holes missing in pulsar observations	Dr OSLOWSKI, Stefan
16:36	[366] Status of the European Pulsar Timing Array	DESVIGNES, Gregory
16:57	[403] Search for continuous gravitational wave in EPTA dataset	Dr LASSUS, Antoine
17:19	[409] Limits on the amplitude of the nanohertz gravitational wave Universe from the European Pulsar Timing Array	Dr LENTATI, Lindley
17:41	[450] Lessons on massive black hole binaries from pulsar timing arrays	Dr SESANA, Alberto
18:03	[462] Constraining the energy scale of cosmic strings with PTAs	Dr SANIDAS, Sotiris
18:25	[504] Pulsar timing detection of gravitational waves from supermassive black hole binaries in stellar environment	RASSKAZOV, Alexander