

28th Texas Symposium on Relativistic Astrophysics

Monday, December 14, 2015

02 - Exact solutions - Level 2, Room 13 (2:00 PM - 3:45 PM)

-Conveners: Mustapha Ishak

time	[id] title	presenter
2:00 PM	[465] Modelling inhomogeneous cosmologies with Numerical Relativity	Dr BENTIVEGNA, Eloisa
2:21 PM	[82] Solving the Einstein-Maxwell Equations for the Dispersive Propagation of Light during Mixmaster Kasner Epochs and other Anisotropic Early-Universe Models	BOCHNER, Brett
2:42 PM	[415] Backreaction of voids in a Friedman background with constant w equation of state.	BRUNI, Marco
3:03 PM	[118] Lense-Thirring precession in strong gravitational fields	Dr CHAKRABORTY, Chandrachur
3:24 PM	[185] Inhomogeneous conformally flat models of the universe	DABROWSKI, Mariusz

02 - Exact solutions - Level 2, Room 13 (4:15 PM - 6:45 PM)

-Conveners: Mustapha Ishak

time	[id] title	presenter
4:15 PM	[193] First-order cosmological perturbations engendered by point-like masses: all scales covered	EINGORN, Maxim
4:35 PM	[443] On homogeneous and isotropic universe	KATANAEV, Mikhail
4:55 PM	[204] Covariant Perturbations of the Scalar-Tensor Schwarzschild Black Hole	PRATTEN, Geraint
5:15 PM	[225] Confronting anisotropic cosmological models with real-time cosmology	VALKENBURG, Wessel
5:35 PM	[511] High-precision cosmology and inhomogeneities: exact results in the geodesic light-cone gauge	FANIZZA, Giuseppe
5:55 PM	[500] Discussion session on averaging and backreaction in cosmology	