Session Program

4-9 Dec 2015



28th Texas Symposium on Relativistic Astrophysics

02 - Exact solutions

International Conference Centre Geneva 17 Rue de Varembé, 1211 Geneva

Saturday 5 December

1:00	02 - Exact solutions Session Location: International Conference Centre Geneva, Level 2, Room 13, 17 Rue de Varembé, 1211 Geneva Convener: Mustapha Ishak
	14:00-14:21 Modelling inhomogeneous cosmologies with Numerical Relativity Speaker Dr Eloisa Bentivegna
	14:21-14:42Solving the Einstein-Maxwell Equations for the Dispersive Propagation of Light during Mixmaster Kasner Epochs and other Anisotropic Early-Universe ModelsSpeaker Brett Bochner
	14:42-15:03 Backrection of voids in a Friedman background with constant w equation of state. Speaker Marco Bruni
	15:03-15:24 Lense-Thirring precession in strong gravitational fields Speaker Dr Chandrachur Chakraborty
5:45	15:24-15:45 Inhomogeneous conformally flat models of the universe Speaker Mariusz Dabrowski
5:15	02 - Exact solutions Session Location: International Conference Centre Geneva, Level 2, Room 13 Convener: Mustapha Ishak
	16:15-16:35 First-order cosmological perturbations engendered by point-like masses: all scales covered Speaker Maxim Eingorn
	16:35-16:55 On homogeneous and isotropic universe Speaker Mikhail Katanaev
	16:55-17:15 Covariant Perturbations of the Scalar-Tensor Schwarzschild Black Hole Speaker Geraint Pratten
	17:15-17:35 Confronting anisotropic cosmological models with real-time cosmology

Speaker Wessel Valkenburg
17:35-18:45 Discussion session on averaging and backreaction in cosmology