

## Session Program

4-9 Dec 2015



## 28th Texas Symposium on Relativistic Astrophysics

### *07 - Large scale structures*

International Conference Centre Geneva  
17 Rue de Varembé, 1211 Geneva

Saturday 5 December

14:00

07 - Large scale structures

Session |  
Location: International Conference Centre Geneva, Level -1, Room 17, 17 Rue de Varembé, 1211 Geneva |  
Convener: Vincent Desjacques

14:00-14:21 A relativistic approach to large-scale structure

Speaker  
David Wands

14:21-14:42  
Relativistic effects and primordial non-Gaussianity in the matter density fluctuation

Speaker  
Jaiyul Yoo

14:42-15:03 Relativistic effects with cross-correlations

Speaker  
Enea Di Dio

15:03-15:24  
Probing violations of slow-roll inflation at the largest observable scales with future galaxy surveys

Speaker  
Mario Ballardini

15:24-15:45 Tomographic lensing constraints with galaxy clustering

Speaker  
Francesco Montanari

15:45

16:15

07 - Large scale structures

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16:15-16:35 Cosmological nonlinear density and velocity power spectra

Speaker  
Prof. Jai-chan Hwang

16:35-16:55 General Relativity and Cosmic Structure Formation

Speaker  
Julian Adamek

16:55-17:15  
Large Scale Structure with interacting Vacuum: the non-linear regime in the post-Friedman approximation

Speaker  
Marco Bruni

17:15-17:35

**One-dimensional models of cosmological perturbations: direct integration in the Fourier space****Speaker**

Vitalii Sliusar

17:35-17:55

**TSPT: Time-Sliced Perturbation Theory for Large Scale Structure****Speaker**

Sergey Sibiryakov

17:55-18:15

**Precision measurement of the local bias of dark matter halos****Speaker**

Titouan Lazeyras

18:15-18:18

**Supercluster straightness as a cosmological test****Speaker**

Mr Junsup Shim

18:18-18:45

**gap**

18:45