

## Session Program

13-18 Dec 2015



## 28th Texas Symposium on Relativistic Astrophysics

### ***07 - Large scale structures***

International Conference Centre Geneva  
17 Rue de Varembé, 1211 Geneva

# Monday 14 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

**Session** |

**Location:** International Conference Centre Geneva, Level -1, Room 17, 17 Rue de Varembé, 1211 Geneva |

**Convener:** Vincent Desjacques

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