

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

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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