

**Theoretical methods for
non-linear cosmology TH
institute**

Report of Contributions

Contribution ID: 0

Type: **not specified**

The Effective Field Theory of Cosmological Large Scale Structures

Monday, 3 September 2012 10:00 (45 minutes)

Presenter: SENATORE, leonardo (stanford university)

Contribution ID: 1

Type: **not specified**

Non-Perturbative Methods for Lagrangian dynamics and Taming Cosmological Statistics

Monday, 3 September 2012 11:00 (45 minutes)

Presenter: NEYRINCK, Mark

Contribution ID: 2

Type: **not specified**

Halo Clustering beyond the Local Bias Model

Monday, 3 September 2012 15:00 (45 minutes)

Presenter: BALDAUF, Tobias

Contribution ID: 3

Type: **not specified**

TBA

Contribution ID: 4

Type: **not specified**

Some analytical approaches for large-scale structures

Tuesday, 4 September 2012 10:00 (45 minutes)

Presenter: VALAGEAS, Patrick

Contribution ID: 5

Type: **not specified**

Resummed and coarse grained PT

Tuesday, 4 September 2012 11:00 (45 minutes)

Presenter: PIETRONI, Massimo

Contribution ID: 6

Type: **not specified**

The skeleton: connecting Large Scale Structures to galaxy formation

Tuesday, 4 September 2012 15:00 (45 minutes)

Presenter: PICHON, Christophe

Contribution ID: 7

Type: **not specified**

TBA

Contribution ID: 8

Type: **not specified**

How many fields generated the primordial curvature perturbation?

Wednesday, 5 September 2012 10:00 (45 minutes)

Presenter: BYRNES, Christian

Contribution ID: 9

Type: **not specified**

The inadequacy of N-point correlation functions to describe nonlinear fields

Wednesday, 5 September 2012 11:00 (45 minutes)

Presenter: CARRON, Julien

Contribution ID: **10**

Type: **not specified**

Precision Cosmology in Muddy Waters

Presenter: SMITH, Robert

Contribution ID: 11

Type: **not specified**

The gradient expansion as a model for non-linear clustering

Wednesday, 5 September 2012 15:00 (45 minutes)

Presenter: RAMPF, Cornelius

Contribution ID: 12

Type: **not specified**

Primordial non-Gaussianity in the LSS: beyond the power spectrum

Thursday, 6 September 2012 10:00 (45 minutes)

Presenter: SEFUSATTI, Emiliano (CEA/Saclay)

Contribution ID: 13

Type: **not specified**

New ways of searching for the primordial gravitational wave from large scale structure

Thursday, 6 September 2012 11:00 (45 minutes)

Presenter: DONGHUI, Jeong

Contribution ID: 14

Type: **not specified**

Non-linear structure formation in modified gravity models

Thursday, 6 September 2012 15:00 (45 minutes)

Presenter: KOYAMA, Kazuya (University of Portsmouth)

Contribution ID: 15

Type: **not specified**

Excursion sets, peaks and scale dependent halo bias

Thursday, 6 September 2012 16:00 (45 minutes)

Presenter: PARANJAPE, Aseem

Contribution ID: 16

Type: **not specified**

Modelling (and understanding) the most non-linear phase of LSS

Friday, 7 September 2012 10:00 (45 minutes)

Presenter: JIMENEZ, Raul (Cern)

Contribution ID: 17

Type: **not specified**

Modeling large-scale structures statistics towards the non-linear regime

Friday, 7 September 2012 11:00 (45 minutes)

Presenter: VERDE, Licia (ICREA & ICC)