

Session Program

2-6 Sept 2019



COSMO19

***Parallel Sessions: Large Scale Structure
(C.A.R.L., H09)***

Monday 2 September

14:30

Parallel Sessions: Large Scale Structure (C.A.R.L., H09): Chairperson: Elena Sellentin

Session

14:30-14:50

Relativistic effects in N-body simulations of cosmic large-scale structure

Speaker

Dr Julian Adamek

14:50-15:10

A trajectories approach to structure formation

Speaker

Ms Fran Lane

15:10-15:30

The lensing imprint of cosmic voids on the Cosmic Microwave Background

Speaker

Umut Emek Demirbozan

15:30-15:50

Cosmological simulations for precision cosmology with large galaxy surveys

Speaker

Dr Linda Blot

15:50-16:10

Weak singularities in large-scale structure: identification and workaround

Speaker

Cornelius Rampf

16:10

16:40

Parallel Sessions: Large Scale Structure (C.A.R.L., H09): Chairperson: Elena Sellentin

Session

16:40-17:05

Cosmic shear from KiDS

Speaker

Prof. Konrad Kuijken

17:05-17:25

Neutrino masses from cosmological perturbation theory

Speaker

Anton Chudaykin

17:25-17:45

Curved-Sky Weak Lensing Mass Map with the Dark Energy Survey Y3 data

Speaker

Marco Gatti

17:45-18:05

Relativistic dark matter bispectrum at one loop

Speaker
Jorge Noreña

18:20

18:05-18:20

1mn poster presentations

Tuesday 3 September

14:30

Parallel Sessions: Large Scale Structure (C.A.R.L., H09): Chairperson: Matteo Viel

Session

14:30-14:55

Developing a unified pipeline for large-scale structure data analysis with angular power spectra. The importance of redshift-space distortions for galaxy number counts

Speaker

Konstantinos Tanidis

14:55-15:20

KIDS+VIKING: Cosmic shear tomography with optical+infrared data

Speaker

Hendrik Hildebrandt

15:20-15:45

An iterative reconstruction of cosmological initial density fields

Speaker

Dr Ryuichiro Hada

15:45-16:10

Towards radio cosmology --- Spatial correlation functions from the LOFAR Two-metre Sky Survey

Speaker

Dominik Schwarz

16:10

16:40

Parallel Sessions: Large Scale Structure (C.A.R.L., H09): Chairperson: Matteo Viel

Session

16:40-17:00

65 (not 56) neutrinos per cubic centimetre

Speaker

Philipp Mertsch

17:00-17:15

Lensing of 21cm intensity mapping

Speaker

Mrs Mona Jalilvand

17:15-17:30

Implications of future large-scale structure observations for the neutrino mass sum

Speaker

Thejs Brinckmann

17:30