

New Physics from Galaxy Clustering

Report of Contributions

Contribution ID: 1

Type: **not specified**

CMB constraints on dark matter interactions

Monday 21 November 2022 10:00 (1 hour)

Presenter: BODDY, Kimberly (UT Austin)

Contribution ID: 2

Type: **not specified**

Incomplete inflationary phase transitions

Monday 21 November 2022 11:00 (1 hour)

Presenter: GELLER, Michael (Tel Aviv University)

Contribution ID: 3

Type: **not specified**

Towards efficient cosmological predictions for extended cosmology

Monday 21 November 2022 14:00 (1 hour)

Presenter: LESGOURGUES, Julien (TTK, RWTH Aachen University)

Contribution ID: 4

Type: **not specified**

The analysis of BOSS data from the EFTofLSS

Tuesday 22 November 2022 10:00 (1 hour)

Presenter: D'AMICO, Guido (Università degli Studi di Parma)

Contribution ID: 5

Type: **not specified**

Cosmological tests of ultra-light axions

Tuesday 22 November 2022 11:00 (1 hour)

Presenter: GRIN, Daniel (Haverford College)

Contribution ID: 6

Type: **not specified**

EFT of LSS: one-loop bispectrum, baryons, and dark energy

Tuesday 22 November 2022 14:00 (1 hour)

Presenter: LEWANDOWSKI, Matthew (ETH Zurich)

Contribution ID: 7

Type: **not specified**

Charting the first billion years with the cosmic 21cm signal

Wednesday 23 November 2022 10:00 (1 hour)

Presenter: MESINGER, Andrei (SNS Pisa)

Contribution ID: 8

Type: **not specified**

Cosmological signatures of dark photons

Wednesday 23 November 2022 11:00 (1 hour)

Presenter: LIU, Hongwan (Princeton University)

Contribution ID: 9

Type: **not specified**

The Effective Field Theory of Large-Scale Structure (TH Colloquium)

Wednesday 23 November 2022 14:00 (1 hour)

Please check the indico link <https://indico.cern.ch/event/1194362>
for details

Presenter: SENATORE, Leonardo (ETH Zurich)

Contribution ID: **10**

Type: **not specified**

Cosmological searches for Light (and Massive) Relics

Thursday 24 November 2022 10:00 (1 hour)

Presenter: XU, Linda (UC Berkeley)

Contribution ID: 12

Type: **not specified**

Fullshape analysis of interacting DM and the S8 tension

Friday 25 November 2022 10:00 (1 hour)

Presenter: RUBIRA, Henrique (TU Munich)

Contribution ID: 13

Type: **not specified**

Dark Matter Constraints from Small-scale Structure

Friday 25 November 2022 11:00 (1 hour)

Presenter: NADLER, Ethan (Carnegie Observatories & USC)

Contribution ID: 14

Type: **not specified**

The Hubble tension, Early Dark Energy and the profile likelihood

Monday 21 November 2022 15:30 (10 minutes)

Presenter: HEROLD, Laura (MPA Garching)

Session Classification: Student talks

Contribution ID: 15

Type: **not specified**

Towards Constraining Dark Sectors with 21-cm Cosmology

Monday 21 November 2022 15:40 (10 minutes)

Presenter: KATZ, Omer Zvi (Tel Aviv University)

Session Classification: Student talks

Contribution ID: 16

Type: **not specified**

Exploring the Dark Sector: Non-abelian DM-DR interaction

Monday 21 November 2022 15:50 (10 minutes)

Presenter: MAZOUN, Asmaa (TU Munich)

Session Classification: Student talks

Contribution ID: 17

Type: **not specified**

Decaying Dark Matter and Lyman- α forest constraints

Monday 21 November 2022 16:00 (10 minutes)

Presenter: FUSS, Lea (TU Munich)

Session Classification: Student talks

Contribution ID: **18**

Type: **not specified**

Dark 5th Forces from Linear Cosmology

Monday 21 November 2022 16:10 (10 minutes)

Presenter: COSTA, Marco (SNS Pisa)

Session Classification: Student talks

Contribution ID: **19**

Type: **not specified**

Dark Fifth Forces in the Universe - Non-linear Cosmology

Monday 21 November 2022 16:20 (10 minutes)

Presenter: BOTTARO, Salvatore (SNS Pisa/Tel Aviv University)

Session Classification: Student talks

Contribution ID: 20

Type: **not specified**

Large-Scale Structure with Dispersion and Higher Cumulants

Monday 21 November 2022 16:30 (10 minutes)

Presenter: LAXHUBER, Dominik (TU Munich)

Session Classification: Student talks

Contribution ID: 21

Type: **not specified**

Boosting Asymmetric Charged DM via Thermalization

Monday 21 November 2022 16:40 (10 minutes)

Presenter: HELLER-ALGAZI, Zamir (Tel Aviv University)

Session Classification: Student talks