

Cosmology 2021: the Rise of Field Theory

Report of Contributions

Contribution ID: 1

Type: **not specified**

Public Talk: Eiichiro Komatsu

Friday 8 January 2021 18:00 (1 hour)

<http://www.ctc.cam.ac.uk/activities/hawking79/>

Contribution ID: 2

Type: **not specified**

Public Talk: Roger Penrose

Friday 8 January 2021 19:00 (1 hour)

<http://www.ctc.cam.ac.uk/activities/hawking79/>

Contribution ID: 3

Type: **not specified**

Q&A

Friday 8 January 2021 20:00 (1 hour)

Contribution ID: 4

Type: **not specified**

admin

Contribution ID: 5

Type: **not specified**

Minimalism in modified gravity (Shinji Mukohyama)

Monday 4 January 2021 13:00 (45 minutes)

Contribution ID: 6

Type: **not specified**

Dark energy after gravitational wave observations (Filippo Vernizzi)

Monday 4 January 2021 15:00 (45 minutes)

Contribution ID: 7

Type: **not specified**

A Bit Rate Bound on Superluminal Communication (Yi Wang)

Wednesday 6 January 2021 15:00 (45 minutes)

Contribution ID: 8

Type: **not specified**

Fundamental pillars of cosmology (Lavinia Heisenberg)

Monday 4 January 2021 13:45 (45 minutes)

Contribution ID: 9

Type: **not specified**

Wave dark matter (Lam Hui)

Monday 4 January 2021 15:45 (45 minutes)

Contribution ID: **10**

Type: **not specified**

Positivity with Gravity (Claudia de Rham)

Tuesday 5 January 2021 13:00 (45 minutes)

Contribution ID: 11

Type: **not specified**

Positive Moments for Scattering Amplitudes (Brando Bellazzini)

Tuesday 5 January 2021 13:45 (45 minutes)

Contribution ID: 12

Type: **not specified**

Lorentzian vacuum transitions (Francesco Muia)

Tuesday 5 January 2021 15:00 (45 minutes)

Contribution ID: 13

Type: **not specified**

Bounds on non-geodesics from the Swampland Distance Conjecture (Irene Valenzuela)

Tuesday 5 January 2021 15:45 (45 minutes)

Contribution ID: 14

Type: **not specified**

The Cosmological Bootstrap (Daniel Baumann)

Wednesday 6 January 2021 13:00 (45 minutes)

Contribution ID: 15

Type: **not specified**

Constraining the time evolution of cosmological correlators (Scott Melville)

Wednesday 6 January 2021 13:45 (45 minutes)

Contribution ID: 16

Type: **not specified**

On the conformal symmetry of DBI and special galileon (Kurt Hinterbichler)

Wednesday 6 January 2021 15:45 (45 minutes)

Contribution ID: 17

Type: **not specified**

Going forward: from field theory to Bayesian inference from LSS (Fabian Schmidt)

Thursday 7 January 2021 13:00 (45 minutes)

Contribution ID: **18**

Type: **not specified**

Large-scale structure cosmology in the systematics-limited regime (Elisabeth Krause)

Thursday 7 January 2021 13:45 (45 minutes)

Contribution ID: **19**

Type: **not specified**

New Techniques for New Physics in Large-scale Structure (Marilena Loverde)

Thursday 7 January 2021 15:00 (45 minutes)

Contribution ID: 20

Type: **not specified**

Simulations as the heart of modeling LSS for precision cosmology (Risa Wechsler)

Thursday 7 January 2021 15:45 (45 minutes)

Contribution ID: 21

Type: **not specified**

Panel discussion (late universe cosmology and gravity. Chair: Ed Copeland. Panel members: Antonio Padilla, Paolo Creminelli, Rachel Rosen and Riccardo Penco)

Monday 4 January 2021 17:00 (1 hour)

Contribution ID: 22

Type: **not specified**

**Panel discussion (obstructions to UV completion.
Chair: Cliff Burgess. Panel members: Eva Silverstein,
Gary Shiu and Andrew Tolley)**

Tuesday 5 January 2021 17:00 (1 hour)

Contribution ID: 23

Type: **not specified**

Panel discussion (early universe and cosmological bootstrap. Chair: Enrico Pajer. Panel members: Paolo Benincasa, Austin Joyce, Gia Dvali)

Wednesday 6 January 2021 17:00 (1 hour)

Contribution ID: 24

Type: **not specified**

Panel discussion (large scale strcuture. Chair: Cora Uhlemann. Panel members: Slava Mukhanov, Shirley Ho, Deniel Gruen and George Efstathiou)

Thursday 7 January 2021 17:00 (1 hour)