

Cosmology, Quantum Gravity, and Holography: the Interplay of Fundamental Concepts

Report of Contributions

Contribution ID: 1

Type: **not specified**

Large Deviations in the Early Universe

Monday 4 September 2023 10:00 (1 hour)

Presenter: COHEN, Tim (CERN)

Contribution ID: 2

Type: **not specified**

Non-perturbative de Sitter Jackiw-Teitelboim Gravity

Thursday 7 September 2023 10:00 (1 hour)

Presenter: COTLER, Jordan (Harvard)

Contribution ID: 3

Type: **not specified**

Cosmology and Naturalness

Tuesday 5 September 2023 10:00 (1 hour)

Presenter: MCCULLOUGH, Matthew Philip (CERN)

Contribution ID: 4

Type: **not specified**

Nonperturbative QFT in de Sitter spacetime

Tuesday 5 September 2023 11:45 (1 hour)

Presenter: PENEDONES, João (EPFL)

Contribution ID: 5

Type: **not specified**

double-scaled SYK, Liouville gravity and the q-Schwarzian

Wednesday 6 September 2023 10:00 (1 hour)

Presenter: BLOMMAERT, Andreas (SISSA)

Contribution ID: 6

Type: **not specified**

dS_2 supergravity

Friday 8 September 2023 11:45 (1 hour)

Presenter: MUHLMANN, Beatrix (McGill)

Contribution ID: 7

Type: **not specified**

The matter with $\overline{\text{TTbar}} + \Lambda_2$

Thursday 7 September 2023 11:45 (1 hour)

Presenter: DE LUCA, Bruno (Stanford)

Contribution ID: 8

Type: **not specified**

Towards a microscopic formulation of the no-boundary wave function

Friday 8 September 2023 10:00 (1 hour)

Presenter: HERTOOG, Thomas (KULeuven)

Contribution ID: 9

Type: **not specified**

Quasi-it from quasi-qubit and the dS QGT loopstrap

Friday 15 September 2023 10:00 (1 hour)

Presenter: DENEFF, Frederik (Columbia)

Contribution ID: **10**

Type: **not specified**

de Sitter quantum gravity: advances and challenges

Wednesday 6 September 2023 14:00 (1 hour)

TH colloquium: <https://indico.cern.ch/event/1287446/>

Presenter: TORROBA, Gonzalo (Centro Atomico Bariloche)

Contribution ID: 11

Type: **not specified**

Discrete Symmetries and Bulk Holography

Monday 11 September 2023 11:45 (1 hour)

Presenter: WALL, Aron (Cambridge)

Contribution ID: 12

Type: **not specified**

Discussion session on recent progress in LSS theory/data

Monday 11 September 2023 16:00 (2 hours)

Primary author: IVANOV, Mikhail (MIT)

Presenters: SIMONOVIC, Marko (CERN); IVANOV, Mikhail (MIT)

Contribution ID: 13

Type: **not specified**

An algebra of observables for de Sitter space

Tuesday 12 September 2023 10:00 (1 hour)

Presenter: PENINGTON, Geoff (Berkeley)

Contribution ID: 14

Type: **not specified**

QFT in the static patch at late times

Tuesday 12 September 2023 11:45 (1 hour)

Presenter: MIRBABAYI, Mehrdad (ICTP)

Contribution ID: 15

Type: **not specified**

Cosmological correlators at finite coupling

Monday 11 September 2023 10:00 (1 hour)

Presenter: DI PIETRO, Lorenzo (Trieste)

Contribution ID: 16

Type: **not specified**

TH Colloquium by Eiichiro Komatsu: Parity Violation in Cosmology

Wednesday 13 September 2023 14:00 (1 hour)

<https://indico.cern.ch/event/1265392/>

Contribution ID: 17

Type: **not specified**

Kinematic Flow, the responsible way

Thursday 14 September 2023 10:00 (1 hour)

Presenter: PIMENTEL, Guilherme

Contribution ID: **18**

Type: **not specified**

The central dogma and horizons in quantum cosmology

Thursday 14 September 2023 11:45 (1 hour)

Presenter: SHAGHOULIAN, Edgar (UC Santa Cruz)

Contribution ID: 19

Type: **not specified**

A couple of applications of EFT techniques to Cosmology

Monday 11 September 2023 14:00 (1 hour)

Presenter: SENATORE, Leonardo

Contribution ID: 20

Type: **not specified**

Kinematic flow and the emergence of time

Wednesday 13 September 2023 10:00 (1 hour)

Presenter: ARKANI-HAMED, Nima (IAS)

Contribution ID: 21

Type: **not specified**

Discussion session on de Sitter and von-Neumann algebra

Tuesday 12 September 2023 16:00 (2 hours)

Contribution ID: 22

Type: **not specified**

Discussion session on positivity in cosmology

Wednesday 13 September 2023 16:00 (2 hours)