

# **Advances in Quantum Field Theory**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# An alternative to Feynman diagrams for CFT

*Monday, 25 March 2019 10:00 (1h 30m)*

**Presenter:** ALDAY, Fernando

Contribution ID: 2

Type: **not specified**

**TBA**

*Monday, 25 March 2019 14:00 (1 hour)*

**Presenter:** BEEM, Christopher

Contribution ID: 3

Type: **not specified**

## $T\bar{T}$ on torus and sphere

*Tuesday, 26 March 2019 10:00 (1h 30m)*

**Presenter:** JIANG, Yunfeng (CERN)

Contribution ID: 4

Type: **not specified**

**TBA**

*Tuesday, 26 March 2019 14:00 (1 hour)*

**Presenter:** GUICA, Monica

Contribution ID: 5

Type: **not specified**

**TBA**

*Tuesday, 26 March 2019 15:00 (1 hour)*

**Presenter:** KOMARGODSKI, Zohar

Contribution ID: 6

Type: **not specified**

## Large N QFT

*Wednesday, 27 March 2019 09:30 (1h 30m)*

**Presenter:** ROSENHAUS, Vladimir

Contribution ID: 7

Type: **not specified**

# The Bound State Spectrum of 3D Quantum Gravity

*Wednesday, 27 March 2019 11:00 (1 hour)*

**Presenter:** PERLMUTTER, Eric



Contribution ID: 8

Type: **not specified**

# Hydrodynamics of Entanglement

*Wednesday, 27 March 2019 14:00 (1 hour)*

**Presenter:** MEZEI, Mark

Contribution ID: 9

Type: **not specified**

# A look at Operator Algebras in Quantum Field Theory

*Thursday, 28 March 2019 10:00 (1h 30m)*

**Presenter:** LONGO, Roberto

Contribution ID: **10**

Type: **not specified**

# Information-theoretic constraints in quantum field theory

*Thursday, 28 March 2019 14:00 (1 hour)*

**Presenter:** LASHKARI, Nima

Contribution ID: 11

Type: **not specified**

## Modular flow in chiral CFTs

*Thursday, 28 March 2019 15:00 (1 hour)*

**Presenter:** HOLLANDS, Stefan

Contribution ID: 12

Type: **not specified**

## Low-dimensional de Sitter gravity

*Friday, 29 March 2019 10:00 (1h 30m)*

**Presenter:** JENSEN, Kristan

Contribution ID: 13

Type: **not specified**

# Bootstrapping Multiple Amplitudes

*Friday, 29 March 2019 14:00 (1 hour)*

**Presenter:** PENEDONES, Joao

Contribution ID: 14

Type: **not specified**

## **Black hole formation in the Sachdev-Ye-Kitaev toy model of quantum gravity**

*Friday, 29 March 2019 15:00 (1 hour)*

**Presenter:** WADIA, Spenta

Contribution ID: 15

Type: **not specified**

# Holey sheet, integrability!

*Monday, 1 April 2019 10:00 (1h 30m)*

**Presenter:** KOMATSU, Shota



Contribution ID: 16

Type: **not specified**

## **Large N Chern Simons coupled fermions in a background magnetic field**

*Monday, 1 April 2019 14:00 (1 hour)*

**Presenter:** MINWALLA, Shiraz

Contribution ID: 17

Type: **not specified**

# Oranges Stacking and Quantum Gravity

*Monday, 1 April 2019 15:00 (1 hour)*

**Presenter:** HARTMAN, Tom

Contribution ID: **18**

Type: **not specified**

## **Entanglement and irreversibility on the light-cone**

*Tuesday, 2 April 2019 10:00 (1h 30m)*

**Presenter:** TORROBA, Gonzalo

Contribution ID: **19**

Type: **not specified**

## **Genus one string amplitude from CFT**

*Tuesday, 2 April 2019 14:00 (1 hour)*

**Presenter:** BISSI, Agnese

Contribution ID: 20

Type: **not specified**

## Ttbar and quantum mechanics

*Tuesday, 2 April 2019 15:00 (1 hour)*

**Presenter:** SHAGHOULIAN, Edgar

Contribution ID: 21

Type: **not specified**

# On the S-matrix of Ising Field Theory in 1+1 dimensions

*Wednesday, 3 April 2019 09:30 (1h 30m)*

**Presenter:** YIN, Xi

Contribution ID: 22

Type: **not specified**

## Old and new exact dualities

*Wednesday, 3 April 2019 11:00 (1 hour)*

**Presenter:** RADICEVIC, Djordje

Contribution ID: 23

Type: **not specified**

## **Bose Fermi Duality in 3 dimensions**

*Wednesday, 3 April 2019 14:00 (1 hour)*

**Presenter:** MINWALLA, Shiraz



Contribution ID: 24

Type: **not specified**

# Light-ray operators and operator product expansions

*Thursday, 4 April 2019 10:00 (1h 30m)*

**Presenter:** KRAVCHUK, Petr

Contribution ID: 25

Type: **not specified**

## Two dimensional nearly de Sitter gravity

*Thursday, 4 April 2019 14:00 (1 hour)*

**Presenter:** TURIACI, Gustavo Joaquin

Contribution ID: 26

Type: **not specified**

## **Eigenstate thermalization in 2d CFT and a scrambling phase transition**

*Thursday, 4 April 2019 15:00 (1 hour)*

**Presenter:** ANOUS, Tarek

Contribution ID: 27

Type: **not specified**

**TBA**

*Friday, 5 April 2019 10:00 (1 hour)*

**Presenter:** CARON-HUOT, Simon

Contribution ID: 28

Type: **not specified**

# Generalized Eigenstate Thermalization in 2d CFTs

*Friday, 5 April 2019 11:00 (1 hour)*

**Presenter:** DYMARSKY, Anatoly

Contribution ID: 29

Type: **not specified**

**TBA**

**Presenter:** HARTMAN, Tom

Contribution ID: 30

Type: **not specified**

## Relative entropy in QFT

*Monday, 25 March 2019 15:00 (1 hour)*

**Presenter:** XU, Feng