Advances in Quantum Field Theory

Report of Contributions

https://indico.cern.ch/e/732346
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
TTbar 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

**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
The Bound State Spectrum of 3D Quantum Gravity

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

Presenter: PERLMUTTER, Eric
Hydrodynamics of Entanglement

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

Presenter: MEZEI, Mark
A look at Operator Algebras in Quantum Field Theory

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

Presenter: LONGO, Roberto
Information-theoretic constraints in quantum field theory

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

Presenter: LASHKARI, Nima
Modular flow in chiral CFTs

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

Presenter:  HOLLANDS, Stefan
Low-dimensional de Sitter gravity

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

Presenter: JENSEN, Kristan
Bootstrapping Multiple Amplitudes

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

**Presenter:** PENEDONES, Joao
Black hole formation in the Sachdev-Ye-Kitaev toy model of quantum gravity

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

Presenter: WADIA, Spenta
Holey sheet, integrability!

Presenter: KOMATSU, Shota
Large N Chern Simons coupled fermions in a background magnetic field

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

Presenter: MINWALLA, Shiraz
Oranges Stacking and Quantum Gravity

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

Presenter: HARTMAN, Tom
Entanglement and irreversibility on the light-cone

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

Presenter: TORROBA, Gonzalo
Genus one string amplitude from CFT

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

Presenter: BISSI, Agnese
TTbar and quantum mechanics

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

Presenter: SHAGHOULIAN, Edgar
On the S-matrix of Ising Field Theory in 1+1 dimensions

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

Presenter: YIN, Xi
Old and new exact dualities

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

Presenter: RADICEVIC, Djordje
Bose Fermi Duality in 3 dimensions

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

Presenter: MINWALLA, Shiraz
Light-ray operators and operator product expansions

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

Presenter: KRAVCHUK, Petr
Two dimensional nearly de Sitter gravity

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

Presenter: TURIACI, Gustavo Joaquin
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
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
Relative entropy in QFT

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

Presenter: XU, Feng