

Matrix Quantum Mechanics for M-theory Revisited

Report of Contributions

Contribution ID: 1

Type: **not specified**

welcome

Monday 8 January 2024 14:40 (5 minutes)

Presenter: KOMATSU, Shota (CERN)

Contribution ID: 2

Type: **not specified**

M(embrane) Theory

Monday 8 January 2024 15:45 (1h 15m)

Presenter: Prof. HOPPE, Jens

Contribution ID: 3

Type: **not specified**

Quantum Many-body Bootstrap

Monday 8 January 2024 14:45 (45 minutes)

Presenter: Dr XIN, Yuan (Yale)

Contribution ID: 4

Type: **not specified**

Unified Matrix Theories from Nonrelativistic Strings

Tuesday 9 January 2024 09:30 (1h 15m)

Presenter: Dr YAN, Ziqi

Contribution ID: 5

Type: **not specified**

Probing the D0-brane dual gravitational background with the Berkooz-Douglas Matrix Model

Tuesday 9 January 2024 11:30 (45 minutes)

I will review predictions from the D0/D4 system in the D4-brane probe limit and discuss their agreement with simulations of the Berkooz-Douglas matrix model.

Presenter: O'CONNOR, Denjoe (Dublin Institute for Advanced Studies)

Contribution ID: 6

Type: **not specified**

Building a supersymmetric black hole in matrix quantum mechanics

Tuesday 9 January 2024 14:15 (45 minutes)

Presenter: DOREY, Nick

Contribution ID: 7

Type: **not specified**

Discussion session

Tuesday 9 January 2024 15:45 (1h 15m)

Contribution ID: 8

Type: **not specified**

Gauge gravity duality of the BFSS model

Wednesday 10 January 2024 09:30 (1h 15m)

Presenter: WISEMAN, Toby (I)

Contribution ID: 9

Type: **not specified**

Matrix Geometry Revisited

Wednesday 10 January 2024 11:30 (45 minutes)

Presenter: HANADA, Masanori (Queen Mary University of London)

Contribution ID: **10**

Type: **not specified**

TH colloquium: Thinking positively: the numerical quantum mechanical bootstrap

Wednesday 10 January 2024 14:00 (1 hour)

For more details please see: <https://indico.cern.ch/event/1288883/>

Presenter: BERENSTEIN, David (University of California at Santa Barbara)

Contribution ID: **11**

Type: **not specified**

Discussion session

Wednesday 10 January 2024 15:45 (1h 15m)

Contribution ID: 12

Type: **not specified**

Emergent 5-branes in the BMN Matrix Model

Thursday 11 January 2024 09:30 (1h 15m)

Presenter: ASANO, Yuhma

Contribution ID: 13

Type: **not specified**

Anisotropic scale symmetry of the membrane worldvolume theory in lightcone gauge

Thursday 11 January 2024 11:30 (45 minutes)

Presenter: SHIMADA, Hidehiko

Contribution ID: 14

Type: **not specified**

Aspects of partial deconfinement

Thursday 11 January 2024 14:15 (45 minutes)

Presenter: BERENSTEIN, David (University of California at Santa Barbara)

Contribution ID: 15

Type: **not specified**

Finiteness

Thursday 11 January 2024 15:45 (1h 15m)

Presenter: ANNINOS, Dionysis

Contribution ID: 16

Type: **not specified**

Three point functions and soft theorems from the BFSS matrix model for M-theory

Friday 12 January 2024 09:30 (1h 15m)

Presenter: MALDACENA, Juan

Contribution ID: 17

Type: **not specified**

The M(atrix) theory at strong coupling

Friday 12 January 2024 11:30 (45 minutes)

Presenter: Dr ZHAO, Xiang (EPFL)

Contribution ID: **18**

Type: **not specified**

short talk

Contribution ID: **19**

Type: **not specified**

Discussion session

Friday 12 January 2024 14:15 (1h 15m)

Presenter: AUGUSTO PENEDONES FERNANDES, Joao Miguel (EPFL - Ecole Polytechnique Federale Lausanne (CH))

Contribution ID: 20

Type: **not specified**

More on bootstrapping matrix quantum mechanics

Thursday 11 January 2024 17:00 (45 minutes)

Presenter: LIN, Henry