

Quantum gravity and quantum information

Report of Contributions

Contribution ID: 1

Type: **not specified**

Quantum information, quantum black holes, and new results in QFT

Monday 18 March 2019 10:00 (1 hour)

Presenter: Prof. BOUSSO, Raphael (UC Berkeley)

Contribution ID: 2

Type: **not specified**

Quantum information in quantum gravity

Monday 18 March 2019 13:30 (1 hour)

Presenter: GIDDINGS, Steve (Univ. of California Santa Barbara (US) and CERN)

Contribution ID: 3

Type: **not specified**

Discussion

Monday 18 March 2019 15:00 (1 hour)

Contribution ID: 4

Type: **not specified**

Unitarity in the quantum black hole

Tuesday 19 March 2019 09:00 (1 hour)

Presenter: 'T HOOFT, Gerardus (Utrecht University)

Contribution ID: 5

Type: **not specified**

Soft particles and soft hair: overview and discussion

Tuesday 19 March 2019 10:30 (1h 30m)

Presenters: PUHM, Andrea; COMPERE, Geoffrey; SEMENOFF, Gordon

Contribution ID: 6

Type: **not specified**

Discussion - Black hole information

Tuesday 19 March 2019 14:00 (1h 30m)

Contribution ID: 7

Type: **not specified**

Complexity, holography and QFT: A progress report + discussion

Thursday 21 March 2019 09:00 (1 hour)

Presenter: MYERS, Robert

Contribution ID: 8

Type: **not specified**

Discussion - Hilbert space structure for quatum gravity

Thursday 21 March 2019 10:30 (1h 30m)

Contribution ID: 9

Type: **not specified**

Holography and gravity, + discussion

Thursday 21 March 2019 14:00 (1h 30m)

Presenter: JACOBSON, Ted

Contribution ID: **10**

Type: **not specified**

Lunch

Contribution ID: 11

Type: **not specified**

CERN colloquium: The many worlds of quantum mechanics

Thursday 21 March 2019 16:30 (1 hour)

Presenter: CARROLL, Sean (Caltech)

Contribution ID: 12

Type: **not specified**

Information transfer between quantum systems

Wednesday 20 March 2019 09:30 (1 hour)

Presenter: ROTA, Massimiliano

Contribution ID: 13

Type: **not specified**

Entropy of pure state black holes

Wednesday 20 March 2019 11:00 (1 hour)

Presenter: ENGELHARDT, Netta

Contribution ID: 14

Type: **not specified**

Extracting the Universe from the Wave Function

Wednesday 20 March 2019 14:00 (1h 30m)

Presenter: CARROLL, Sean (Caltech)

Contribution ID: 15

Type: **not specified**

Discussion - Observables in quantum gravity

Friday 22 March 2019 09:30 (1h 30m)

Presenters: REJZNER, Kasia; HOEHN, Philipp

Contribution ID: **16**

Type: **not specified**

Final discussion

Friday 22 March 2019 13:30 (1 hour)