

# **Annual Theory Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Aspects of Gravity and Entanglement

*Tuesday, 12 December 2023 14:00 (1 hour)*

**Presenter:** ANOUS, Tarek

**Session Classification:** Session 1

Contribution ID: 2

Type: **not specified**

## Quantum Sensing

*Tuesday, 12 December 2023 15:00 (1 hour)*

**Presenter:** MURGUI, Clara

**Session Classification:** Session 1

Contribution ID: 3

Type: **not specified**

## **Non-perturbative physics in precision event simulations**

*Tuesday, 12 December 2023 16:30 (1 hour)*

**Presenter:** SKANDS, Peter

**Session Classification:** Session 2

Contribution ID: 4

Type: **not specified**

## **Aspects of SCET and Collider Phenomenology**

*Tuesday, 12 December 2023 17:30 (1 hour)*

**Presenter:** NEUBERT, Matthias

**Session Classification:** Session 2

Contribution ID: 5

Type: **not specified**

## **Strong Field QED**

*Wednesday, 13 December 2023 09:00 (1 hour)*

**Presenter:** EDWARDS, James

**Session Classification:** Session 3

Contribution ID: 6

Type: **not specified**

## **Multidimensional structure of the proton and opportunities at a new Electron Ion Collider**

*Wednesday, 13 December 2023 10:00 (1 hour)*

**Presenter:** BACCHETTA, Alessandro

**Session Classification:** Session 3

Contribution ID: 7

Type: **not specified**

# Dark matter in particle physics and cosmology

*Wednesday, 13 December 2023 11:30 (1 hour)*

**Presenter:** GREEN, Anne

**Session Classification:** Session 4



Contribution ID: 8

Type: **not specified**

# Machine Learning Methods in Lattice Gauge Theories

*Wednesday, 13 December 2023 14:00 (1 hour)*

**Presenter:** KANWAR, Gurtej

**Session Classification:** Session 5

Contribution ID: 9

Type: **not specified**

# Quantum Computing Methods for Lattice Gauge Theories

*Wednesday, 13 December 2023 15:00 (1 hour)*

**Presenter:** GRABOWSKA, Dorota

**Session Classification:** Session 5

Contribution ID: **10**

Type: **not specified**

## **Aspects of Matrix Models and CFTs**

*Thursday, 14 December 2023 09:30 (1 hour)*

**Presenter:** SONNER, Julian

**Session Classification:** Session 7

Contribution ID: 11

Type: **not specified**

## STFC Townhall Meeting

*Thursday, 14 December 2023 11:30 (1 hour)*

**Presenters:** BLAIR, Grahame; CLIFFORD, Karen

**Session Classification:** Session 8

Contribution ID: 12

Type: **not specified**

## **Flavour Physics at the start of a new era**

*Wednesday, 13 December 2023 16:30 (1 hour)*

**Presenter:** PARKES, Chris

**Session Classification:** Session 6

Contribution ID: 13

Type: **not specified**

## PPAP

*Thursday, 14 December 2023 11:00 (30 minutes)*

**Presenter:** BANFI, Andrea (University of Sussex)

**Session Classification:** Session 8