

Annual Theory Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Prospects of the HL-LHC

Monday 15 December 2025 14:00 (1 hour)

Presenter: FARRINGTON, Sinead (University of Edinburgh)

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Numerical relativity for fundamental physics

Monday 15 December 2025 15:00 (1 hour)

Presenter: CLOUGH, Katy (Kings College London)

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Random Matrix Theory & 2d CFT

Monday 15 December 2025 16:30 (1 hour)

Presenter: PERLMUTTER, Eric

Session Classification: Session 2

Contribution ID: 4

Type: **not specified**

Black hole states

Monday 15 December 2025 17:30 (1 hour)

Presenter: EMPARAN, Roberto

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

Synergies between Nuclear and Particle Theoy

Tuesday 16 December 2025 10:00 (1 hour)

Presenter: RINGER, Felix

Session Classification: Session 3

Contribution ID: 6

Type: **not specified**

Overview of UK's nuclear physics programme

Tuesday 16 December 2025 09:00 (1 hour)

Presenter: IRELAND, David

Session Classification: Session 3

Contribution ID: 7

Type: **not specified**

Axion phenomenology

Tuesday 16 December 2025 11:30 (1 hour)

Presenter: MARSH, David (King's College London)

Session Classification: Session 4

Contribution ID: 8

Type: **not specified**

The Double Copy Theory

Tuesday 16 December 2025 14:00 (1 hour)

Presenter: WHITE, Christopher

Session Classification: Session 5

Contribution ID: 9

Type: **not specified**

Testing locality via Bell's Inequality or Entanglement at Colliders?

Tuesday 16 December 2025 15:00 (1 hour)

Presenter: DREINER, Herbi (University of Bonn)

Session Classification: Session 5

Contribution ID: **10**

Type: **not specified**

Gravity Effective Field Theories

Wednesday 17 December 2025 09:30 (1 hour)

Presenter: DE RHAM, Claudia

Session Classification: Session 7

Contribution ID: **11**

Type: **not specified**

STFC Townhall Meeting

Wednesday 17 December 2025 11:30 (1 hour)

Presenters: BLAIR, Grahame; CLIFFORD, Karen

Session Classification: Session 8

Contribution ID: 12

Type: **not specified**

Ride the ML-Wave or Drown?

Tuesday 16 December 2025 16:30 (1 hour)

Presenter: PLEHN, Tilman (Heidelberg University)

Session Classification: Session 6

Contribution ID: **13**

Type: **not specified**

PPAP

Wednesday 17 December 2025 11:00 (30 minutes)

Session Classification: Session 8