

# **Physics Department Summer Lectures 2023**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# The Standard Model and Beyond

*Monday, 12 June 2023 13:30 (1 hour)*

Hosted by: Peter Petreczky

**Presenter:** DAVOUDIASL, Hooman (Brookhaven National Laboratory)

Contribution ID: 2

Type: **not specified**

# The journey to seek symmetry in Quark-Gluon Plasma

*Thursday, 6 July 2023 13:30 (1 hour)*

Hosted by: Aihong Tang

**Presenter:** RUAN, Lijuan (Brookhaven National Laboratory)

Contribution ID: 3

Type: **not specified**

## Neutrino Oscillations and Theory Biases

*Thursday, 22 June 2023 13:30 (1 hour)*

Hosted by: Robert Szafron

**Presenter:** DENTON, Peter

Contribution ID: 4

Type: **not specified**

## **Introduction to QCD and spin physics at the Electron-Ion Collider**

*Monday, 24 July 2023 13:30 (1 hour)*

Hosted by: Abe Tishelman-Charny

**Presenter:** HATTA, Yoshitaka (BNL)

Contribution ID: 5

Type: **not specified**

# The Ugly Duckling and the Swan: Heavy Ion Collisions at Ultrarelativistic Energies

*Thursday, 29 June 2023 13:00 (1 hour)*

Hosted by: Peter Petreczky

**Presenter:** PISARSKI, Robert (BNL)

Contribution ID: 6

Type: **not specified**

## **Search for invisible particles with the ATLAS detector at the Large Hadron Collider**

*Monday, 10 July 2023 13:30 (1 hour)*

Hosted by: Peter Petreczky

**Presenter:** ASSAMAGAN, Ketevi Adikle (BNL)

Contribution ID: 7

Type: **not specified**

# A precision measurement of the anomalous magnetic moment of the muon

*Monday, 17 July 2023 13:30 (1 hour)*

Hosted by: Robert Szafron

**Presenter:** MORSE, Bill (BNL)



Contribution ID: 8

Type: **not specified**

## Introductory to Cosmology

*Monday, 31 July 2023 13:30 (1 hour)*

Hosted by: Abe Tishelman-Charny

**Presenter:** MIRANDA, Vivian (SBU)