

Nuclear Shape and BSM Searches at Colliders

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction - Nuclear Shapes and Isobar Collisions

Monday 13 January 2025 09:30 (40 minutes)

Presenter: GIACALONE, Giuliano

Contribution ID: 2

Type: **not specified**

The Ion Complex Upgrade Proposal and Impact on the LHC High-Energy Ion Program

Monday 13 January 2025 15:40 (30 minutes)

Presenter: SLUPECKI, Maciej (CERN)

Contribution ID: 4

Type: **not specified**

Nuclear Matrix Elements for $0\nu\beta\beta$ decay - Theory [REMOTE]

Monday 13 January 2025 11:10 (40 minutes)

Presenter: MENENDEZ, Javier (University of Barcelona)

Contribution ID: 5

Type: **not specified**

Nuclear Matrix Elements for $0\nu\beta\beta$ decay - Experiment [REMOTE]

Monday 13 January 2025 11:50 (40 minutes)

Presenter: KAY, Benjamin Peter (Argonne National Laboratory (US))

Contribution ID: 7

Type: **not specified**

The Shape of Thorium-229 in BSM Searches

Monday 13 January 2025 10:10 (40 minutes)

Presenter: KOPP, Joachim (CERN)

Contribution ID: 8

Type: **not specified**

Physics Cases and Plans for the ALICE3 Detector

Monday 13 January 2025 16:10 (30 minutes)

Presenter: GRELLI, Alessandro (Utrecht University (NL))

Contribution ID: **10**

Type: **not specified**

Bayesian Study of Nuclear Shapes at the LHC

Monday 13 January 2025 15:10 (30 minutes)

Presenter: NIJS, Govert Hugo (CERN)

Contribution ID: **11**

Type: **not specified**

Closing Discussion

Monday 13 January 2025 17:00 (1 hour)

Presenter: GIACALONE, Giuliano

Contribution ID: 12

Type: **not specified**

Ytterbium Isotope Shifts - Nuclear Theory [REMOTE]

Monday 13 January 2025 14:20 (30 minutes)

Presenter: HEINZ, Matthias (Oak Ridge National Laboratory)

Contribution ID: 14

Type: **not specified**

Ytterbium Isotope Shifts - BSM perspective [REMOTE]

Monday 13 January 2025 13:50 (30 minutes)

Presenter: KIRK, Fiona (PTB Braunschweig, University of Hannover)