

Workshop Isospin Symmetry in Atomic Nuclei

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Registration

Friday 6 February 2026 09:00 (15 minutes)

Contribution ID: 2

Type: **not specified**

Welcome address

Friday 6 February 2026 09:15 (25 minutes)

Contribution ID: 3

Type: **not specified**

Opening

Friday 6 February 2026 09:40 (20 minutes)

Contribution ID: 4

Type: **not specified**

to be defined

Friday 6 February 2026 17:50 (12 minutes)

Presenter: BOSO, Alberto

Contribution ID: 5

Type: **not specified**

Approaching $N=50$ and $Z=28$ closures

Friday 6 February 2026 18:15 (12 minutes)

Presenter: SAHIN, Eda (University of Oslo, Norway)

Contribution ID: 6

Type: **not specified**

48Cr; a nuclear superstar

Friday 6 February 2026 10:00 (25 minutes)

Presenter: POVES, Alfredo (Universidad Autónoma de Madrid)

Contribution ID: 7

Type: **not specified**

Cross-Conjugate Symmetry in f7/2 Mirror Energy Differences and the role of the nuclear isospin breaking effects

Friday 6 February 2026 11:45 (25 minutes)

Presenter: GADEA, Andres (Instituto de Física Corpuscular (IFIC))

Contribution ID: 8

Type: **not specified**

Mirrors and triplets: a lens on nuclear structure

Friday 6 February 2026 17:00 (25 minutes)

Presenter: BENTLEY, Mike (University of York)

Contribution ID: 9

Type: **not specified**

3N forces revealed in strongly deformed nuclei at the N=Z line

Friday 6 February 2026 11:20 (25 minutes)

Presenter: NOWACKI, Frédéric (Institut pluridisciplinaire Hubert Curien)

Contribution ID: **10**

Type: **not specified**

Precision mass measurements for nuclear, neutrino, and fundamental physics studies

Friday 6 February 2026 14:25 (25 minutes)

Presenter: BLAUM, Klaus (Max-Planck-Institut für Kernphysik)

Contribution ID: **11**

Type: **not specified**

Closing Remarks

Friday 6 February 2026 18:40 (25 minutes)

Contribution ID: 12

Type: **not specified**

Exploring dynamical symmetries in nuclei with INGA

Friday 6 February 2026 12:10 (25 minutes)

Presenter: SINGH, Rajesh Pratap (Inter University Accelerator Center, New Delhi)

Contribution ID: **13**

Type: **not specified**

to be defined

Friday 6 February 2026 14:00 (25 minutes)

Presenter: OTSUKA, Taka

Contribution ID: 14

Type: **not specified**

Isospin symmetry and beta decay

Friday 6 February 2026 10:25 (25 minutes)

Presenter: RUBIO, Berta (Instituto de Física Corpuscular)

Contribution ID: 15

Type: **not specified**

Some Reflections on Neutron-Proton Pairing

Friday 6 February 2026 17:25 (25 minutes)

Presenter: MACCHIAVELLI, Augusto

Contribution ID: **16**

Type: **not specified**

The Shell Model for Exploring Nuclear Properties

Friday 6 February 2026 16:10 (25 minutes)

Presenter: GARGANO, Angela (INFN - Napoli)

Contribution ID: 17

Type: **not specified**

Collectivity of neutron, proton and alpha correlations

Friday 6 February 2026 14:50 (25 minutes)

Presenter: WYSS, Ramon (KTH Royal Institute of Technology)

Contribution ID: **18**

Type: **not specified**

Near the Heaviest Mirror Pair:

Friday 6 February 2026 15:15 (25 minutes)

Presenter: GORSKA, Magdalena (GSI Darmstadt)

Contribution ID: **19**

Type: **not specified**

Shell-model calculation of isospin-symmetry breaking correction to nuclear beta decay

Friday 6 February 2026 16:35 (25 minutes)

Presenter: SMIRNOVA, Nadezda (LP2IB / University of Bordeaux)

Contribution ID: 20

Type: **not specified**

Recent studies of mirror energy differences in the fp shell

Friday 6 February 2026 18:03 (12 minutes)

Presenter: REZYNKINA, Kseniia

Contribution ID: 21

Type: **not specified**

A mesurement of the $^{85}\text{Kr}(\text{d},\text{pg})$ reaction as a surrogate of the neutron capture

Friday 6 February 2026 18:28 (12 minutes)

Presenter: CAROLLO, Sara (University and INFN Padova)