

ISOLDE Solenoidal Spectrometer Workshop and Collaboration meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Wednesday 11 June 2025 13:00 (10 minutes)

Presenter: GAFFNEY, Liam (University of Liverpool (GB))

Session Classification: Welcome and status reports

Contribution ID: 2

Type: **not specified**

Status and updates from the ISOLDE Solenoidal Spectrometer

Wednesday 11 June 2025 13:10 (15 minutes)

Session Classification: Welcome and status reports

Contribution ID: 3

Type: **not specified**

Financial report

Wednesday 11 June 2025 16:50 (10 minutes)

Presenter: GAFFNEY, Liam (University of Liverpool (GB))

Session Classification: Collaboration matters

Contribution ID: 4

Type: **not specified**

Nominations for collaboration roles

Wednesday 11 June 2025 17:00 (20 minutes)

The roles of spokesperson and resource coordinator are due for rotation according to clause 3.4 of the ISS memorandum of understanding. This meeting will discuss nominees for those positions and call for a vote of the steering committee if necessary.

Session Classification: Collaboration matters

Contribution ID: 5

Type: **not specified**

Concluding remarks

Wednesday 11 June 2025 17:20 (10 minutes)

Contribution ID: 6

Type: **not specified**

Planning for the 2025 experimental campaign

Wednesday 11 June 2025 13:25 (15 minutes)

Session Classification: Welcome and status reports

Contribution ID: 7

Type: **not specified**

Study of shape and shell evolution across N=20 in Mg isotopes using missing mass spectroscopy with the AT-TPC

Wednesday 11 June 2025 16:20 (15 minutes)

Presenter: BAZIN, Daniel (FRIB/MSU)

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 8

Type: **not specified**

The deformation-driving d5/2 orbital, studied through one-neutron transfer reaction on ^{68}Ni

Wednesday 11 June 2025 13:55 (15 minutes)

Presenter: CEULEMANS, Andreas (KU Leuven (BE))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 9

Type: **not specified**

Updates on the Analysis of the 38K(d,p) Measurement at the ISS

Wednesday 11 June 2025 14:25 (15 minutes)

Presenter: Dr HOFFMAN, Calem R. (Argonne National Laboratory (US))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: **10**

Type: **not specified**

Mesytec DAQ overview

Wednesday 11 June 2025 15:50 (15 minutes)

Presenter: JOHANSSON, Hakan (Chalmers University of Technology (SE))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 12

Type: **not specified**

Shedding more light on the structure of ^{32}Mg

Wednesday 11 June 2025 15:20 (15 minutes)

Presenter: KITAMURA, Nori (University of Tokyo (JP))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 13

Type: **not specified**

Probing fission of ^{230}Ac with ISS: Preparation of IS739

Wednesday 11 June 2025 15:35 (15 minutes)

Presenter: MANAGLIA, Maria Vittoria (Chalmers University of Technology (SE))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 14

Type: **not specified**

Single-particle states in ^{111}Sn with ISS - status updates

Wednesday 11 June 2025 13:40 (15 minutes)

Presenter: PARK, Joochun (Institute for Basic Science (KR))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 15

Type: **not specified**

$^{235}\text{U}(\text{d,pF})$ experiment

Wednesday 11 June 2025 16:05 (15 minutes)

Presenter: WRIGHT, Tobias James (The University of Manchester (GB))

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: **16**

Type: **not specified**

Direct Reactions with AT-TPC: present status and future developments

Wednesday 11 June 2025 16:35 (15 minutes)

Presenter: MUÑOZ RAMOS, Alicia

Session Classification: Experiments, analysis reports, future proposals and new developments

Contribution ID: 17

Type: **not specified**

Status of the $^{144}\text{Ba}(\text{d},\text{d}')$ experiment and dead-layer analysis

Wednesday 11 June 2025 14:10 (15 minutes)

Presenter: JONES, Ben Rhys (University of Liverpool (GB))

Session Classification: Experiments, analysis reports, future proposals and new developments