

**Annual Swedish Nuclear
Physics and SFAIR meeting
2023**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Experiments for nuclear astrophysics at IGISOL

Tuesday, 24 October 2023 09:00 (55 minutes)

Presenter: Prof. KANKAINEN, Anu (University of Jyväskylä)

Session Classification: Talks

Contribution ID: 2

Type: **not specified**

Fast alpha emitters in the actinide region

Tuesday, 24 October 2023 12:05 (25 minutes)

Presenter: Mr SAYED, Tanvir (Lund University)

Session Classification: Talks

Contribution ID: 3

Type: **not specified**

Gamma-ray spectroscopy of exotic neutron-rich nuclei

Monday, 23 October 2023 13:40 (55 minutes)

Presenter: Prof. SAHIN, Eda (University of Oslo)

Session Classification: Talks

Contribution ID: 4

Type: **not specified**

Global comparison between experimentally measured isomeric yield ratios and nuclear model calculations

Monday, 23 October 2023 15:30 (25 minutes)

Presenter: Mr CANNAROZZO, Simone (Uppsala University)

Session Classification: Talks

Contribution ID: 5

Type: **not specified**

Meson Spectroscopy with BESIII

Wednesday, 25 October 2023 09:00 (55 minutes)

Presenter: Dr KÜSSNER, Meike (University of Bonn)

Session Classification: Talks

Contribution ID: 6

Type: **not specified**

Precision Measurements of Absolute Nuclear Charge Radii

Monday, 23 October 2023 14:35 (25 minutes)

Presenter: Mr VERBEEK, Benjamin (Uppsala University / Paul Scherrer Institut)

Session Classification: Talks

Contribution ID: 7

Type: **not specified**

Recent results from Belle II

Tuesday, 24 October 2023 09:55 (30 minutes)

Presenter: Dr LAURENZA, Martina (Uppsala University)

Session Classification: Talks

Contribution ID: 8

Type: **not specified**

Study of the B4/2 anomaly via lifetime measurements in neutron deficient Os isotopes

Monday, 23 October 2023 15:55 (25 minutes)

Presenter: Dr ZANON, Irene (Stockholm University)

Session Classification: Talks

Contribution ID: 9

Type: **not specified**

Studying the thermal diffusion of gaseous fission-products by ion-implantation and time-of-flight elastic recoil detection analysis

Monday, 23 October 2023 16:20 (25 minutes)

Presenter: Dr FROST, Robert (Uppsala University)

Session Classification: Talks

Contribution ID: **10**

Type: **not specified**

The Electron-Ion Collider - the next major US-based facility for nuclear science

Tuesday, 24 October 2023 13:30 (30 minutes)

Presenter: Dr NADEL-TURONSKI, Pawel (Stony Brook University)

Session Classification: Talks

Contribution ID: 11

Type: **not specified**

The impact of the neutron drip line for Sn on the r-process

Tuesday, 24 October 2023 11:00 (20 minutes)

Presenter: Mr STORBACKA, Melvin (KTH Royal Institute of Technology)

Session Classification: Talks

Contribution ID: 12

Type: **not specified**

Time-of-flight low-energy ion scattering: A powerful tool to study applied and fundamental aspects of plasma-material interaction

Wednesday, 25 October 2023 11:25 (25 minutes)

Presenter: Ms SHAMSLATIFI, Jila (Uppsala University)

Session Classification: Talks

Contribution ID: 13

Type: **not specified**

Investigation of Hyperon-Hyperon interaction with the HADES experiment

Wednesday, 25 October 2023 11:00 (25 minutes)

Presenter: Mr APPAGERE, Gandharva (Stockholm University)

Session Classification: Talks

Contribution ID: 14

Type: **not specified**

Isomeric yield ratios in proton-induced fission of U-238

Tuesday, 24 October 2023 11:20 (25 minutes)

Presenter: Dr SOLDERS, Andreas (Uppsala University)

Session Classification: Talks

Contribution ID: 15

Type: **not specified**

Hyperon Dalitz Decays with PANDA@HADES

Monday, 23 October 2023 16:45 (25 minutes)

Presenter: Ms RIEGER, Jana (Uppsala University)

Session Classification: Talks

Contribution ID: 16

Type: **not specified**

Opening of the meeting

Monday, 23 October 2023 13:30 (10 minutes)

Session Classification: Talks

Contribution ID: 17

Type: **not specified**

Plasma-delay studies on neutron-transmutation doped silicon detectors using the Lohengrin spectrometer

Wednesday, 25 October 2023 12:15 (25 minutes)

Presenter: Ms GOMEZ L., Ana M, (Uppsala University)

Session Classification: Talks

Contribution ID: **18**

Type: **not specified**

Sprout - a software tool for your analysis

Tuesday, 24 October 2023 11:45 (20 minutes)

Presenter: Ms BOHMAN, Malin (Uppsala University)

Session Classification: Talks

Contribution ID: 19

Type: **not specified**

The Uppsala Generic Gamma Lab (UGGLA) at Uppsala University

Tuesday, 24 October 2023 14:00 (25 minutes)

Presenter: Dr LANTZ, Mattias (Uppsala University)

Session Classification: Talks

Contribution ID: 20

Type: **not specified**

Lifetime measurement of the yrast 2+ state in 118Te

Wednesday, 25 October 2023 11:50 (25 minutes)

Presenter: Ms AHLGREN CEDERLÖF, Ebba (KTH/UU)

Session Classification: Talks

Contribution ID: 21

Type: **not specified**

Beam intensity measurement in solenoidal spectrometers

Wednesday, 25 October 2023 09:55 (25 minutes)

Presenter: Ms VITTORIA MANAGLIA, Maria (Chalmers University of Technology)

Session Classification: Talks

Contribution ID: 22

Type: **not specified**

Hyperon Reconstruction Using Geometric Deep Learning in the PANDA Experiment

Tuesday, 24 October 2023 14:25 (25 minutes)

Presenter: Dr AKRAM, Adeel (Uppsala University)

Session Classification: Talks

Contribution ID: 23

Type: **not specified**

How to lighten physicists' life with Continuous Integration

Monday, 23 October 2023 17:10 (20 minutes)

Presenter: Mr BRUNI, Giovanni

Session Classification: Talks