



# Annual Swedish Nuclear Physics and SFAIR meeting 2023

## Monday, 23 October 2023

### Talks: Plenary - Room 2005 (13:30 - 15:00)

time	[id] title	presenter
13:30	[16] Opening of the meeting	
13:40	[3] Gamma-ray spectroscopy of exotic neutron-rich nuclei	Prof. SAHIN, Eda
14:35	[6] Precision Measurements of Absolute Nuclear Charge Radii	Mr VERBEEK, Benjamin

### Talks - Room 2005 (15:30 - 17:30)

time	[id] title	presenter
15:30	[4] Global comparison between experimentally measured isomeric yield ratios and nuclear model calculations	Mr CANNAROZZO, Simone
15:55	[8] Study of the B4/2 anomaly via lifetime measurements in neutron deficient Os isotopes	Dr ZANON, Irene
16:20	[9] Studying the thermal diffusion of gaseous fission-products by ion-implantation and time-of-flight elastic recoil detection analysis	Dr FROST, Robert
16:45	[15] Hyperon Dalitz Decays with PANDA@HADES	Ms RIEGER, Jana
17:10	[23] How to lighten physicists' life with Continuous Integration	Mr BRUNI, Giovanni

## Tuesday, 24 October 2023

### Talks: Plenary - Room 2005 (09:00 - 10:30)

time	[id] title	presenter
09:00	[1] Experiments for nuclear astrophysics at IGISOL	Prof. KANKAINEN, Anu
09:55	[7] Recent results from Belle II	Dr LAURENZA, Martina

### Talks: Plenary - Room 2005 (11:00 - 12:30)

time	[id] title	presenter
11:00	[11] The impact of the neutron drip line for Sn on the r-process	Mr STORBACKA, Melvin
11:20	[14] Isomeric yield ratios in proton-induced fission of U-238	Dr SOLDERS, Andreas
11:45	[18] Sprout - a software tool for your analysis	Ms BOHMAN, Malin
12:05	[2] Fast alpha emitters in the actinide region	Mr SAYED, Tanvir

### Talks: Plenary - Room 2005 (13:30 - 15:00)

time	[id] title	presenter
13:30	[10] The Electron-Ion Collider - the next major US-based facility for nuclear science	Dr NADEL-TURONSKI, Pawel
14:00	[19] The Uppsala Generic Gamma Lab (UGGLA) at Uppsala University	Dr LANTZ, Mattias
14:25	[22] Hyperon Reconstruction Using Geometric Deep Learning in the PANDA Experiment	Dr AKRAM, Adeel

# Wednesday, 25 October 2023

## Talks: Plenary - Room 2005 (09:00 - 10:30)

time	[id] title	presenter
09:00	[5] Meson Spectroscopy with BESIII	Dr KÜSSNER, Meike
09:55	[21] Beam intensity measurement in solenoidal spectrometers	Ms VITTORIA MANAGLIA, Maria

## Talks: Plenary - Room 2005 (11:00 - 13:00)

time	[id] title	presenter
11:00	[13] Investigation of Hyperon-Hyperon interaction with the HADES experiment	Mr APPAGERE, Gandharva
11:25	[12] Time-of-flight low-energy ion scattering: A powerful tool to study applied and fundamental aspects of plasma-material interaction	Ms SHAMSLATIFI, Jila
11:50	[20] Lifetime measurement of the yrast 2+ state in 118Te	Ms AHLGREN CEDERLÖF, Ebba
12:15	[17] Plasma-delay studies on neutron-transmutation doped silicon detectors using the Lohengrin spectrometer	Ms GOMEZ L., Ana M,