

Welcome to Uppsala!

Annual Swedish Nuclear Physics and SFAIR meeting 2023

Agenda

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|-------|--|----------------------|---------------|
| 09:00 | Experiments for nuclear astrophysics at IGISOL <i>Prof. Anu Kankainen</i> | Ångströmlaboratoriet | 09:00 - 09:55 |
| 10:00 | Recent results from Belle II <i>Dr Martina Laurenza</i> | Ångströmlaboratoriet | 09:55 - 10:25 |
| | Social: Coffee break | Ångströmlaboratoriet | 10:30 - 11:00 |
| 11:00 | The impact of the neutron drip line for Sn on the r-process <i>Mr Melvin Starbacka</i> | Ångströmlaboratoriet | 11:00 - 11:20 |
| | Isomeric yield ratios in proton-induced fission of U-238 <i>Dr Andreas Solders</i> | Ångströmlaboratoriet | 11:20 - 11:45 |
| | Sprout - a software tool for your analysis <i>Ms Malin Bohman</i> | Ångströmlaboratoriet | 11:45 - 12:05 |
| 12:00 | Fast alpha emitters in the actinide region <i>Mr Tanvir Sayed</i> | Ångströmlaboratoriet | 12:05 - 12:30 |
| | Social: Lunch | Ångströmlaboratoriet | 12:30 - 13:30 |
| 13:00 | The Electron-Ion Collider - the next major US-based facility for nuclear science <i>Dr Pawel Nadel-Turonski</i> | Ångströmlaboratoriet | 13:30 - 14:00 |
| 14:00 | The Uppsala Generic Gamma Lab (UGGLA) at Uppsala University <i>Dr Mattias Lantz</i> | Ångströmlaboratoriet | 14:00 - 14:25 |
| | Hyperon Reconstruction Using Geometric Deep Learning in the PANDA Experiment <i>Dr Adeel Akram</i> | Ångströmlaboratoriet | 14:25 - 14:50 |
| 15:00 | Social: Coffee break | Ångströmlaboratoriet | 15:00 - 15:30 |
| | Activity: Tour of Tandem laboratory | Ångströmlaboratoriet | 15:30 - 17:00 |
| 16:00 | | | |
| 17:00 | | | |
| 18:00 | | | |

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| 10:00 | Beam intensity measurement in solenoidal spectrometers <i>Ms Maria Vittoria Managlia</i> | Ångströmlaboratoriet | 09:55 - 10:20 |
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| | Time-of-flight low-energy ion scattering: A powerful tool to study applied and fundamental aspects of plasma-material i... <i>Ms Jila Shamslatifi</i> | | |
| 12:00 | Lifetime measurement of the yrast 2+ state in 118Te <i>Ms Ebba Ahlgren Cederlöf</i> | Ångströmlaboratoriet | 11:50 - 12:15 |
| | Plasma-delay studies on neutron-transmutation doped silicon detectors using the Lohengrin spectrometer <i>Ms Ana M. Gomez L.</i> | | |

Dinner

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| 13:00 | Registration: Registration <i>Ångströmlaboratoriet</i> | 13:00 - 13:30 | |
| | Opening of the meeting <i>Ångströmlaboratoriet</i> | 13:30 - 13:40 | |
| 14:00 | Gamma-ray spectroscopy of exotic neutron-rich nuclei <i>Prof. Eda Sahin</i> | Ångströmlaboratoriet | 13:40 - 14:35 |
| | Precision Measurements of Absolute Nuclear Charge Radii <i>Mr Benjamin Verbeek</i> | Ångströmlaboratoriet | 14:35 - 15:00 |
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| 17:00 | Hyperon Dalitz Decays with PANDA@HADES <i>Ms Jana Rieger</i> | Ångströmlaboratoriet | 16:45 - 17:10 |
| | How to lighten physicists' life with Continuous Integration <i>Mr Giovanni Bruni</i> | Ångströmlaboratoriet | 17:10 - 17:30 |
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Invited speakers

Prof. Eda Sahin

University of Oslo

Gamma-ray spectroscopy of exotic neutron-rich nuclei

Prof. Anu Kankainen

University of Jyväskylä

Experiments for nuclear astrophysics at IGISOL

Dr. Meike Küßner

Ruhr-Universität Bochum

Meson Spectroscopy with BESIII

Dinner

- Date: 24/10 (Tuesday)
- Time: 18:30
- Location: Villa Anna
(<https://villaanna.se/>)
Odinslund 3
753 10 Uppsala
<https://maps.app.goo.gl/i6ANJj2ycots4UnY6>



Last call: Let us know your food restrictions!
(if you have not done so with your registration)

Annual meeting

Session

Annual Meeting



🕒 23 Oct 2023, 17:30

📍 Ångströmlaboratoriet

📎 Presentation materials



📄 Annual Meeting of the Nuclear Physics Section of the Swedish.pdf

- Today after last talk (17:30)
- Agenda attached on Indico

Name tags

- Get your name tags here
- Please return them before you leave