

Session Program

29 November 2023 to 1 December 2023



ISOLDE Workshop and Users meeting 2023

Poster Session

CERN, 503/1-001 - Council Chamber

Wednesday 29 November

17:45

Poster Session

Session | **Location:** CERN, 503/1-001 - Council Chamber

17:45–17:46

Synthesis and TDPAC Characterization of Multiferroics: The HoMnO₃ Case

Speaker

Mrs Nicole Pereira De Lima

17:46–17:47

Coulomb excitation of ^{79,80}Zn

Speaker

Andrea Gottardo

17:47–17:48

Intracavity generation of tripled Ti:Sa laser pulses

Speaker

Julius Wilhelm Wessolek

17:48–17:49

Diamond-based Raman laser technology for RILIS

Speaker

Cyril Bernerd

17:49–17:50

MULTIPAC, a versatile TDPAC spectrometer

Speaker

Ian Chang Jie Yap

17:50–17:51

Shell model calculations of the electric dipole polarizability

Speaker

Nikita Bernier

17:51–17:52

Emission Mössbauer spectrometer from ILmenau (eMIL): An update

Speaker

Alice Kern

17:52–17:53

A New Beamline for Very Clean Beams at ISOLDE

Speaker

Lukas Nies

17:53–17:54

Transfer reactions with $^7\text{Be} + ^{12}\text{C}$ at 5 MeV/u

Speaker

Dhruva Gupta

17:54–17:55

Data Acquisition at MIRACLS

Speaker

Anthony Roitman

17:55–17:56

Characterization of the INDiE array

Speaker

Jeppe Schultz Nielsen

17:56–17:57

Improving the precision of β spectrum shape measurements at WISArD**Speaker**

Charlotte An H Knapen

17:57–17:58

Collinear resonant ionization spectroscopy of RaF**Speaker**

Carlos Mario Fajardo Zambrano

17:58–17:59

Development of a new β Detector Setup for the VITO Beamline**Speaker**

Daniel Paulitsch

18:00–18:01

NMR shielding calculations - from accurate nuclear magnetic moments to interpretation of NMR spectra**Speaker**

Andrej Hurajt

18:01–18:02

Local Probing of Structural Phase Transitions in Naturally Layered Perovskite Oxides**Speaker**

Antonio Duarte Neves Cesario

18:02–18:03

Ab-initio Study on CsNdNb₂O₇ and CsLaNb₂O₇ Dion-Jacobson Perovskites**Speaker**

Pedro Alexandre Silva De Sousa

18:03–18:04

Tick-Tock on the Nuclear Clock: Time for an Upgrade**Speaker**

Yens Elskens

18:04–18:05

Investigation of ^{182}Pt via β decay of ^{182}Au **Speaker**

Mr Jozef Mišt

18:05–18:06

Establishing the deformation characteristics and decay spectroscopy of ^{66}Ge **Speaker**

Nikita Bernier

18:06–18:07

Onset of deformation in the neutron-rich krypton isotopes via transfer reactions with the ISOLDE Solenoidal Spectrometer**Speaker**

Annie Dolan

18:07-18:08

Magnetic moments of 47K, 49K, and 51K and new horizons for β -NMR at VITO**Speaker**

Marcus Jankowski

18:08-18:09

 β -decay spectroscopy studies of ^{128}In **Speaker**

Krzysztof Albert Solak

18:09-18:10

Upgrades to the VITO beamline to study solid-state battery materials**Speaker**

Amy Sparks

18:10-18:11

Efficient production routes of ^{129}m , ^{131}m , ^{133}mXe for a novel medical imaging technique, gamma-MRI**Speaker**

Mateusz Jerzy Chojnacki

18:11-18:12

Recent upgrade of the VITO beamline for beta-decay spectroscopy with laser-polarised beams**Speaker**

Nikolay Azaryan

18:12-18:13

Structural transitions in Mn vanadates tackled with local characterization techniques**Speaker**

Anastasia Burimova

18:13-18:14

Investigation of the properties of ^{124}Sn populated in β^- decay**Speaker**

Klara Emilia Szlezak

18:14-18:15

Commissioning of a beta-decay spectroscopy station at VITO**Speaker**

Ilaria Michelin

18:15-18:16

Fine-structured designer materials for Radioisotope Production at CERN-ISOLDE**Speaker**

Edgar Miguel Sobral Dos Reis

18:16-18:17

Characterizations of a modified VD7 ion source**Speaker**

Yazareth Pena Rodriguez

18:17-18:18

Negative ion spectroscopy at CRIS-ISOLDE

Speaker

Dag Hanstorp

18:18-18:19

Mapping the lanthanide region of the nuclear chart: Clean beams and high-resolution laser spectroscopy with ISOLDE's PI-LIST ion source

Speaker

Reinhard Heinke

18:19-18:20

Design of coaxial RF line for VITO beamline

Speaker

Daniel Havranek

19:30