

Agenda for the 77th Meeting of the INTC

Report of Contributions

Contribution ID: 2

Type: **not specified**

Introduction

Tuesday 12 November 2024 09:00 (5 minutes)

Presenter: PFUTZNER, Marek (Chairperson, INTC)

Session Classification: OPEN Session

Contribution ID: 35

Type: **not specified**

ISOLDE Physics Report

Tuesday 12 November 2024 09:05 (10 minutes)

Presenter: HEYLEN, Hanne (ISOLDE Physics Coordinator)

Session Classification: OPEN Session

Contribution ID: 86

Type: **not specified**

Probing the magicity and shell evolution in the vicinity of $N = 50$ with high-resolution laser spectroscopy of $^{81,82}\text{Zn}$ isotopes : Addendum: Laser-assisted decay spectroscopy of $^{75\text{m}},^{79\text{m}}\text{Zn}$

Tuesday 12 November 2024 12:00 (12 minutes)

Presenter: Prof. COCOLIOS, Thomas Elias (KU Leuven - IKS)

Session Classification: OPEN Session

Contribution ID: 87

Type: **not specified**

Fast neutrons inelastic cross section on ^{28}Si for space applications and fundamental research

Tuesday 12 November 2024 10:25 (12 minutes)

Presenter: PETRONE, Cristina (Horia Hulubei National Institute of Physics and Nuclear Engineering (RO))

Session Classification: OPEN Session

Contribution ID: 91

Type: **not specified**

Nuclear moments of excited states in neutron-rich Sn isotopes studied by on-line PAC

Tuesday 12 November 2024 09:25 (12 minutes)

Presenter: HAAS, Heinz (University of Aveiro (PT))

Session Classification: OPEN Session

Contribution ID: 93

Type: **not specified**

Weak interaction studies via beta-delayed proton emission

Tuesday 12 November 2024 11:00 (12 minutes)

Presenter: BLANK, Bertram (Centre National de la Recherche Scientifique (FR))

Session Classification: OPEN Session

Contribution ID: 94

Type: **not specified**

Mass measurements of neutron-rich Ag and In isotopes for r-process nucleosynthesis studies

Tuesday 12 November 2024 14:20 (12 minutes)

Presenter: GIESEL, Paul Florian (University of Greifswald (DE))

Session Classification: OPEN Session

Contribution ID: **98**

Type: **not specified**

n_TOF Physics Report

Tuesday 12 November 2024 09:15 (10 minutes)

Presenter: MILAZZO, Paolo Maria (Universita e INFN Trieste (IT))

Session Classification: OPEN Session

Contribution ID: **101**

Type: **not specified**

Investigation of the nucleon distribution on the surface of radioactive xenon nuclei using antiprotons

Tuesday 12 November 2024 11:40 (12 minutes)

Presenters: WIENHOLTZ, Frank (TU Darmstadt); NIES, Lukas (CERN)

Session Classification: OPEN Session

Contribution ID: **102**

Type: **not specified**

Investigating the origins of the kink in charge radii at N=28

Tuesday 12 November 2024 13:40 (12 minutes)

Presenter: KOWALSKA, Magdalena (CERN)

Session Classification: OPEN Session

Contribution ID: **103**

Type: **not specified**

Precise mass measurements of light and heavy neutron-rich noble-gas isotopes for nuclear structure studies

Tuesday 12 November 2024 11:20 (12 minutes)

Presenter: LANGE, Daniel (Max Planck Society (DE))

Session Classification: OPEN Session

Contribution ID: **104**

Type: **not specified**

The neutron capture cross section of ^{124}Sn and its impact on neutrinoless double β decay searches

Tuesday 12 November 2024 09:45 (12 minutes)

Presenter: BOROMIZA, Marian Alexandru (Horia Hulubei National Institute of Physics and Nuclear Engineering (RO))

Session Classification: OPEN Session

Contribution ID: **105**

Type: **not specified**

Measurement of the neutron capture cross section of ^{87}Sr

Tuesday 12 November 2024 17:30 (12 minutes)

Presenters: MAUGERI, Emilio Andrea (Paul Scherrer Institute (CH)); GUNSING, Frank (Université Paris-Saclay (FR))

Session Classification: OPEN Session

Contribution ID: **106**

Type: **not specified**

β decay studies of neutron-deficient gallium isotopes with Lucrecia

Tuesday 12 November 2024 15:00 (12 minutes)

Presenter: GUADILLA GOMEZ, Victor (University of Warsaw (PL))

Session Classification: OPEN Session

Contribution ID: **107**

Type: **not specified**

Laser spectroscopy of neutron-rich Ni with PI-LIST

Tuesday 12 November 2024 15:35 (12 minutes)

Presenters: REILLY, Jordan Ray (The University of Manchester (GB)); ATHANASAKIS-KAKLAMANAKIS, Michail (CERN)

Session Classification: OPEN Session

Contribution ID: **108**

Type: **not specified**

Exploring octupole collectivity in neutron-rich $A = 217 - 226$ astatine and radon nuclei, using decay-tagged in-source laser spectroscopy

Tuesday 12 November 2024 15:55 (12 minutes)

Presenters: ANDREYEV, Andrei (IKS); CUBISS, James (University of York (GB)); CHRYSALIDIS, Katerina (CERN)

Session Classification: OPEN Session

Contribution ID: **109**

Type: **not specified**

New high-resolution measurement of $^{56}\text{Fe}(n, \gamma)$ at n_TOF-EAR1 for Nuclear Astrophysics and Nuclear Technology

Tuesday 12 November 2024 17:50 (12 minutes)

Presenters: CASANOVAS HOSTE, Adria (Universitat Politècnica Catalunya (ES)); MILAZZO, Paolo Maria (Università e INFN Trieste (IT))

Session Classification: OPEN Session

Contribution ID: **110**

Type: **not specified**

Measurement of (n,cp) reactions in EAR1 using an enhanced experimental setup

Tuesday 12 November 2024 10:05 (12 minutes)

Presenter: GOULA, Styliani (University of Ioannina (GR))

Session Classification: OPEN Session

Contribution ID: 111

Type: **not specified**

Laser spectroscopy of neutron-deficient thulium isotopes

Tuesday 12 November 2024 17:10 (12 minutes)

Presenter: CHEAL, Bradley (University of Liverpool (GB))

Session Classification: OPEN Session

Contribution ID: 112

Type: **not specified**

First online laser spectroscopy study of promethium isotopes

Tuesday 12 November 2024 16:35 (12 minutes)

Presenters: CUBISS, James (University of York (GB)); CHRYSALIDIS, Katerina (CERN)

Session Classification: OPEN Session

Contribution ID: 113

Type: **not specified**

Shell evolution in Ge isotopes with $N \geq 50$ investigated via fast-timing methods

Tuesday 12 November 2024 14:00 (12 minutes)

Presenter: Prof. FRAILE, Luis M (Universidad Complutense (ES))

Session Classification: OPEN Session

Contribution ID: 114

Type: **not specified**

Collinear resonance ionization of neutron-deficient indium: closing up on $N = 50$

Tuesday 12 November 2024 14:40 (12 minutes)

Presenter: WARBINEK, Jessica (CERN)

Session Classification: OPEN Session

Contribution ID: 115

Type: **not specified**

Branching Ratios from a Triaxial Superdeformed “ β -band” in ^{162}Yb

Tuesday 12 November 2024 16:15 (12 minutes)

Presenter: BARK, Robert Arthur (iThemba LABS, National Research Foundation (ZA))

Session Classification: OPEN Session

Contribution ID: 116

Type: **not specified**

Measurement of the inelastic scattering cross section of neutrons on ^{19}F by γ -ray spectroscopy

Tuesday 12 November 2024 18:10 (12 minutes)

Presenters: LORUSSO, Giuseppe; BACAK, Michael (The University of Manchester (GB)); WRIGHT, Tobias James (The University of Manchester (GB))

Session Classification: OPEN Session

Contribution ID: 117

Type: **not specified**

Comparison of bulk and interfacial diffusion of $^8\text{Li}^+$ in solid-state battery materials with β -NMR spectroscopy

Tuesday 12 November 2024 12:20 (12 minutes)

Presenter: SPARKS, Amy

Session Classification: OPEN Session