

Session Program

29-30 Jun 2016

53rd Meeting of the INTC

OPEN Session

CERN, 503/1-001 - Council Chamber

Wednesday 29 June

11:00

OPEN Session

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

11:00-11:05 Introduction

Speaker

Klaus Blaum

11:05-11:25 ISOLDE report

Speakers

Karl Johnston, Richard Catherall

11:30-11:40 HIE ISOLDE report

Speaker

Yacine Kadi

11:45-11:55 n_TOF Report

Speaker

Daniela Macina

11:55-12:05

Challenging $7\text{Be}(n,a)$ and $7\text{Be}(n,p)$ cross-section measurements at CERN

Speaker

Massimo Barbagallo

12:05-12:17

Two-phonon octupole collectivity in the doubly-magic nucleus ^{146}Gd

Speaker

Giacomo De Angelis

12:25-12:37

Irradiation of prototype tungsten blocks for test of Halogen Release Fraction from the future ESS Helium cooled Tungsten Target

Speaker

Mikael Jensen

12:45-14:00 Lunch break

14:00-14:12 The (d,p) reaction on ^{206}Hg

Speaker

Benjamin Kay

14:20-14:32

Single-particle behaviour towards the "island of inversion" - $^{28,29}\text{Mg}(d,p)^{29,31}\text{Mg}$ in inverse kinematics

Speaker

David Sharp

14:40–14:52

Measurement of the ^{244}Cm and ^{246}Cm neutron capture cross sections at the n_TOF facility**Speaker**

Daniel Cano Ott

15:00–15:12

Characterising excited states in and around the semi-magic nucleus ^{68}Ni using Coulomb excitation and one-neutron transfer**Speaker**

Liam Gaffney

15:20–15:32

Effects of the neutron halo in ^{15}C scattering at energies around the Coulomb barrier**Speaker**

Ismael Martel Bravo

15:40–16:00

Coffee

16:00–16:12

Neutron capture cross sections of $^{69,71}\text{Ga}$ at n_TOF EAR1**Speaker**

Rene Reifarh

16:20–16:32

Ground and isomeric state spins, moments and radii of Ge isotopes across the $N = 40$ subshell closure via laser spectroscopy at COLLAPS**Speaker**

Mark Bissell

16:40–16:52

Cu decay into neutron-rich Zn isotopes: shell structure near ^{78}Ni **Speaker**

Andres Illana

17:00–17:12

Nuclear Shell Evolution in the Island of Inversion Studied via the $^{28}\text{Mg}(t, ^{30}\text{Mg})p$ reaction**Speaker**

Dennis MÜcher

17:20–17:32

IS490: Seeking the onset of collectivity in neutron-rich krypton isotopes with the mass spectrometer ISOLTRAP**Speaker**

Vladimir Manea

17:40–17:52

Penning-trap mass measurements of Zn and Cu isotopes relevant for the astrophysical r_{p} -process**Speaker**

Dinko Atanasov

18:00