

Session Program

3 November 2016

54th Meeting of the INTC

OPEN Session

CERN, 503/1-001 - Council Chamber

Thursday 3 November

08:30

OPEN Session

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

08:30–08:35 Introduction

Speaker

Klaus Blaum

08:35–08:50 ISOLDE report

Speakers

Karl Johnston, Richard Catherall

08:55–09:05 HIE ISOLDE report

Speaker

Yacine Kadi

09:10–09:20 n_TOF Report

Speaker

Daniela Macina

09:25–09:35

Nuclear moment studies of short-lived excited states towards the Island of Inversion. g factor of ^{28}Mg ($2+$) using TDRIV on H-like ions

Speakers

Andrew Stuchbery, Georgi Georgiev

09:40–09:50 Laser Spectroscopy of Tin across $N = 82$

Speaker

Deyan Yordanov

09:55–10:25 Coffee

10:25–10:35

Determination of the $B(E3, 0^+ \rightarrow 3^-)$ strength in the octupole-correlated nuclei $^{142,144}\text{Ba}$ using Coulomb excitation

Speakers

David Joss, Marcus Scheck

10:40–10:50 Beta decay of ^{11}Be

Speakers

Chiara Mazzocchi, Karsten Riisager

10:55–11:05

Radiotracer diffusion of copper and potassium in $\text{Cu}(\text{In,Ga})\text{Se}_2$ thin-film solar cells

Speaker

Nicolaas A. Stolwijk

11:10-11:20 Radiotracer diffusion in refractory high-entropy alloys**Speaker**

Sergiy Divinski

11:25-12:40 Lunch break

12:40-12:50

Direct Measurement of Self Diffusion Jump Rates in an Intermetallic Compound**Speaker**

Matthew Zacate

12:55-13:05

High-precision branching ratio measurement for the superallowed Fermi β -emitter ^{18}Ne **Speaker**

Alex Laffoley

13:10-13:20

Structure of intruder states in ^{190}Pb probed with transfer reactions**Speakers**

Janne Pakarinen, Marc Labiche, Riccardo Raabe

13:25-13:35

Nuclear quadrupole moments and charge radii of the ^{51}Sb isotopes via collinear laser spectroscopy**Speakers**

Deyan Yordanov, Zhengyu Xu

13:40-13:50

Lattice sites, charge and spin states of Fe in $\text{In}_x\text{Ga}_{1-x}\text{N}$ studied with emission Mössbauer spectroscopy**Speakers**

Haraldur Pall Gunnlaugsson, Hilary Masenda

13:55-14:05

Collinear laser spectroscopy on chromium: from $N=Z$ towards $N=40$ **Speakers**

Bradley Cheal, Hanne Heylen

14:10-14:20

Neutron unbound single particle states in ^{133}Sn from the beta decay of ^{133}In **Speakers**

Miguel Madurga Flores, Robert Grzywacz

14:20