

Session Program

3-4 Feb 2016

52nd Meeting of the INTC

OPEN Session

CERN, 503/1-001 - Council Chamber

Wednesday 3 February

10:00

OPEN Session

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

10:00–10:05 Introduction

Speaker

Klaus Blaum

10:05–10:25 ISOLDE report

Speakers

Karl Johnston, Richard Catherall

10:30–10:40 HIE ISOLDE report

Speaker

Yacine Kadi

10:45–11:00 n_TOF Report

Speaker

Frank Gunsing

11:05–11:17 Laser Spectroscopy of neutron-deficient Sn isotopes

Speaker

Ronald Garcia Ruiz

11:25–11:37

Study of neutron-rich $^{52,53}\text{K}$ isotopes by the measurement of spins, moments and charge radii

Speaker

Xiaofei Yang

11:45–13:00 Lunch break

13:00–13:12

Local investigation of impurities in wide band gap nanostructured oxides with radioactive probes

Speaker

Artur Carbonari

13:20–13:32

Novel diagnostic and therapeutic radionuclides for the development of innovative radiopharmaceuticals

Speaker

Dr Cristina Muller

13:40–13:52 Neutron capture cross section of ^{88}Sr and ^{89}Y

Speakers

Giuseppe Tagliente, Nicola Colonna

14:00–14:12

Decay study of the onset of deformation in the ($A \sim 100$, $N=60$) region by β -decay of ^{97}Kr

Speaker

Christophe Sotty

14:20–14:32

Unraveling the local structure of topological crystalline insulators using hyperfine interactions

Speaker

Lino Pereira

14:40–14:52

Reaction mechanisms in collisions induced by ^8B beam close to the barrier

Speaker

Alessia di pietro

15:00–15:12

Study of molybdenum oxide by means of Perturbed Angular Correlations and Mössbauer spectroscopy

Speaker

Juliana Schell

15:20–15:40

Coffee

15:40–15:52

IS532: Mass spectrometry of neutron-rich chromium isotopes into the $N = 40$ "island of inversion"

Speaker

Vladimir Manea

16:00–16:12

Study of neutron-rich $^{53-54}\text{Ca}$ isotopes via beta-decay of ^{54}K

Speaker

Andrea Gottardo

16:20–16:32

Electron capture of ^8B into highly excited states in ^8Be

Speaker

Alan Michael Howard

16:40–16:52

Multiple Coulomb excitation of a neutron rich ^{88}Kr beam to study symmetric and mixed symmetric states in inverse kinematics

Speaker

Kevin Moschner

17:00–17:12

Determination of the electron affinity of astatine and polonium by laser photodetachment

Speaker

Dag Hanstorp

17:20–17:32

Measurement of the super-allowed branching ratio of ^{22}Mg

Speaker

Bertram Blank

17:40–17:52

Laser spectroscopic studies along the Al isotopic chain and the isomer-shift of the self-conjugate ^{26}Al nucleus

Speaker

Stephan Malbrunot

18:00