

Session Program

5-6 Feb 2025

Agenda for the 78th Meeting of the INTC

OPEN Session

CERN, 61/1-009 - Room C

Wednesday 5 February

09:30

OPEN Session: REMOTE (All talks via Zoom, only INTC Members in the room)

Session | Location: CERN, 61/1-009 - Room C

09:30–09:35 Introduction

Speaker
Marek Pfutzner

09:35–09:50 ISOLDE Technical Report

Speaker
Joachim Voltaire

09:55–10:03 MEDICIS report

Speaker
Charlotte Duchemin

10:05–10:20 ISOLDE Physics Report

Speaker
Hanne Heylen

10:25–10:40 n_TOF Technical Report

Speaker
Oliver Aberle (tbc)

10:45–11:00 n_TOF Physics Report

Speaker
Paolo Maria Milazzo

11:05–11:20 Break

11:20–11:32

Neutron transfer on the intruder ^{79}Zn isomer to probe the $N = 50$ shell gap in ^{80}Zn

Speaker
Andrea Gottardo

11:40–11:52 Searching for the X17 Particle using the novel $n + {}^3\text{He}$ Reaction

Speaker
Carlo Gustavino

12:00–12:12 Study of semiconductor detectors' performance at NEAR

Speaker
Maria Diakaki

12:20–12:32 In-source laser spectroscopy of neutron-deficient lutetium isotopes

Speaker
Kara Marie Lynch

12:40-12:52 Investigation of Coupled States near ^{208}Pb **Speaker**

Carlotta Porzio

13:00-14:25 Lunch**14:25-14:37 Measurement of the $^{238}\text{Pu}(n, \gamma)$ cross-section at EAR2****Speaker**

Victor Alcayne Aicua

14:45-14:57**Search for a resonance in $^{25}\text{Mg}(n, \gamma)$ cross section to constrain the $^{22}\text{Ne}(\alpha, n)^{25}\text{Mg}$ neutron source reaction rate****Speaker**

Cristian Massimi

15:05-15:17**Collective isovector valence-shell excitations in the $N=84$ isotone ^{138}Xe** **Speaker**

Volker Werner

15:25-15:37**Investigating shape coexistence in $^{80}, ^{82}\text{Sr}$ with β^+ / EC decay spectroscopy****Speaker**

Jose Nicolas Orce Gonzalez

15:45-15:57**Laser spectroscopy of neutron-rich and neutron-deficient cadmium isotopes using MIRACLS****Speaker**

Stephan Malbrunot

16:05-16:10 End of Open Session

16:10