

Session Program

3-4 Feb 2021

Agenda for the 66th Meeting of the INTC

OPEN Session

Wednesday 3 February

10:00

OPEN Session

Session

10:00–10:05

Introduction

Speaker

Marek Pfutzner

10:05–10:20

ISOLDE Technical Report

Speaker

Joachim Voltaire

10:25–10:35

ISOLDE physics report

Speaker

Karl Johnston

10:40–10:55

Updates on the new n_TOF target station and facility renovation

Speaker

Oliver Aberle

10:55–11:05

n_TOF Phase-2021 report

Speaker

Alberto Mengoni

11:10–11:15

Break

11:15–11:27

Terbium-149 for targeted alpha therapy

Speaker

Nicholas Philip Van Der Meulen

11:35–11:47

Spectroscopy of single-particle states in $^{107,109,111}\text{Sn}$ through (d,p) transfer reactions

Speakers

Joakim Cederkall, Joochun Park

11:55–12:07

Beta-decay spectroscopy of ^{27}Na and ^{220}O for isospin asymmetry studies in the sd shell

Speaker

Victor Guadilla Gomez

12:15–12:27

Precision measurement of the change of the half-life of ^{110}Sn by confinement in the large and small lattices

Speaker

Amlan Ray

12:35-13:35 **Break**

13:35-13:47

Probing the largest core-breaking prediction towards 100Sn: proton single-particle strength in 110Sn**Speakers**

Daniele Mengoni, Guangxin Zhang

13:55-14:07

Neutron capture on 50Cr and 53Cr for criticality safety**Speakers**

Adria Casanovas Hoste, Carlos Guerrero Sanchez

14:15-14:27

Evolution of single-particle states along N=127: The d(212Rn,p)213Rn reaction**Speakers**

David Sharp, Sean John Freeman

14:35-14:47

Neutron single-particle states and neutron-capture cross sections towards 78Ni: 79Zn(d,p)80Zn**Speakers**

Eda Sahin, Giacomo De Angelis

14:55-15:05

Break

15:05-15:17

Study of proton-rich Ne isotopes with the ISOLDE Solenoidal Spectrometer**Speaker**

Ismael Martel Bravo

15:25-15:37

Reaction studies with neutron-rich light nuclei at the upgraded SEC Device**Speaker**

Maria Garcia Borge

15:45-15:57

Collection of 129m,131m,133mXe for the gamma-MRI project**Speaker**

Magdalena Kowalska

16:15