

# **Agenda for the 65th Meeting of the INTC**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## Introduction

*Tuesday 3 November 2020 09:00 (5 minutes)*

**Presenter:** PFUTZNER, Marek

**Session Classification:** OPEN Session

Contribution ID: 3

Type: **not specified**

## **ISOLDE Technical Report**

*Tuesday 3 November 2020 09:05 (20 minutes)*

**Presenter:** VOLLAIRE, Joachim

**Session Classification:** OPEN Session

Contribution ID: 4

Type: **not specified**

## **n\_TOF Report**

*Tuesday 3 November 2020 09:25 (20 minutes)*

**Presenters:** MENGONI, Alberto; ABERLE, Oliver (CERN)

**Session Classification:** OPEN Session

Contribution ID: 5

Type: **not specified**

## **Measurement of the fission cross-section of $^{243}\text{Am}$ at EAR-1 and EAR-2 of the CERN n\_TOF facility**

*Tuesday 3 November 2020 18:15 (20 minutes)*

**Presenters:** DIAKAKI, Maria; PATRONIS, Nikolaos

**Session Classification:** OPEN Session

Contribution ID: 6

Type: **not specified**

## **Measurement of the $\alpha$ -ratio and (n, $\gamma$ ) cross section of $^{239}\text{Pu}$ at n \_ TOF**

*Tuesday 3 November 2020 10:05 (20 minutes)*

**Presenters:** CANO OTT, Daniel; PERKOVSKI, Jaroslaw

**Session Classification:** OPEN Session

Contribution ID: 7

Type: **not specified**

## **A new approach to beta-delayed multi-neutron emission**

*Tuesday 3 November 2020 10:25 (20 minutes)*

**Presenter:** RIISAGER, Karsten

**Session Classification:** OPEN Session

Contribution ID: 8

Type: **not specified**

## **Measurement of $^{94,95,96}\text{Mo}(n,\gamma)$ relevant to Astrophysics and Nuclear Technology**

*Tuesday 3 November 2020 10:55 (20 minutes)*

**Presenter:** MASSIMI, Cristian

**Session Classification:** OPEN Session

Contribution ID: 9

Type: **not specified**

## **Weak interaction studies via beta-delayed proton emission**

*Tuesday 3 November 2020 11:15 (20 minutes)*

**Presenters:** BLANK, Bertram; ATANASOV, Dinko (CERN); SEVERIJNS, Nathal

**Session Classification:** OPEN Session

Contribution ID: 10

Type: **not specified**

## **Precision measurement of the half-life of <sup>110</sup>Sn in large and small lattice environments**

*Tuesday 3 November 2020 11:35 (20 minutes)*

**Presenters:** RAY, Amlan; SIKDAR, Arindam

**Session Classification:** OPEN Session

Contribution ID: 11

Type: **not specified**

## Probing Energy Efficient Perovskites

*Tuesday 3 November 2020 16:55 (20 minutes)*

**Presenters:** LIMA LOPES, Armandina Maria; SCHELL, Juliana

**Session Classification:** OPEN Session

Contribution ID: 12

Type: **not specified**

## **Introduction to ISS**

*Tuesday 3 November 2020 13:15 (10 minutes)*

**Presenter:** FREEMAN, Sean John

**Session Classification:** OPEN Session

Contribution ID: 13

Type: **not specified**

## The (d,p) reaction on $^{11}\text{Be}$ : Bringing clarity to our understanding of the structure of $^{12}\text{Be}$

*Tuesday 3 November 2020 14:19 (18 minutes)*

**Presenters:** SHARP, David; CHEN, Jie

**Session Classification:** OPEN Session

Contribution ID: 14

Type: **not specified**

## **Investigating the key rp process reaction ${}^{61}\text{Ga}(p,\gamma){}^{62}\text{Ge}$ reaction via ${}^{61}\text{Zn}(d,p){}^{62}\text{Zn}$ transfer**

*Tuesday 3 November 2020 13:43 (18 minutes)*

**Presenters:** DOHERTY, Daniel; LOTAY, Gavin

**Session Classification:** OPEN Session

Contribution ID: 16

Type: **not specified**

## **Spectroscopy of $^8\text{Be}$ : Search for Rotational Bands Above 16 MeV**

*Tuesday 3 November 2020 14:01 (18 minutes)*

**Presenters:** GAI, Moshe; SMITH, Robin

**Session Classification:** OPEN Session

Contribution ID: 17

Type: **not specified**

## **The d(30Mg,p)31Mg reaction: Probing single-particle behaviour within the “island of inversion”**

*Tuesday 3 November 2020 13:25 (18 minutes)*

**Presenters:** SHARP, David; FREEMAN, Sean John

**Session Classification:** OPEN Session

Contribution ID: **18**

Type: **not specified**

## **Probing the $^{11}\text{Li}$ low-lying dipole strength via $^9\text{Li}(t,p)$ with the ISS**

*Tuesday 3 November 2020 14:37 (18 minutes)*

**Presenters:** VIGEZZI, Enrico; AYYAD, Yassid

**Session Classification:** OPEN Session

Contribution ID: 19

Type: **not specified**

## **Emission Mössbauer spectroscopy of superconducting NbN thin films implanted with magnetic species**

*Tuesday 3 November 2020 15:05 (20 minutes)*

**Presenter:** ADHIKARI, Rajdeep

**Session Classification:** OPEN Session

Contribution ID: 20

Type: **not specified**

## **Probing the magicity and shell evolution in the vicinity of N=50 with high-resolution laser spectroscopy of $^{81,82}\text{Zn}$ isotopes**

*Tuesday 3 November 2020 15:25 (20 minutes)*

**Presenters:** COCOLIOS, Thomas Elias; YANG, Xiaofei

**Session Classification:** OPEN Session

Contribution ID: 21

Type: **not specified**

## **First measurement of the s-process branching $^{79}\text{Se}(n,\gamma)$**

*Tuesday 3 November 2020 15:45 (20 minutes)*

**Presenters:** DOMINGO PARDO, Cesar; LERENDEGUI MARCO, Jorge

**Session Classification:** OPEN Session

Contribution ID: 22

Type: **not specified**

## **Charge and spin states of Fe in binary compounds**

*Tuesday 3 November 2020 16:05 (20 minutes)*

**Presenters:** GUNNLAUGSSON, Haraldur Pall; HEMMINGSEN, Lars

**Session Classification:** OPEN Session

Contribution ID: 23

Type: **not specified**

## **First measurement of the $^{94}\text{Nb}(n, \gamma)$ cross-section**

*Tuesday 3 November 2020 16:25 (20 minutes)*

**Presenters:** DOMINGO PARDO, Cesar; BALIBREA CORREA, Javier

**Session Classification:** OPEN Session

Contribution ID: 24

Type: **not specified**

## **Laser spectroscopy of neutron-rich and neutron-deficient cadmium isotopes using MIRACLS at ISOLDE**

*Tuesday 3 November 2020 11:55 (20 minutes)*

**Presenters:** SELS, Simon Mark C; MALBRUNOT, Stephan

**Session Classification:** OPEN Session

Contribution ID: 25

Type: **not specified**

## **Decay spectroscopy of neutron-rich Zn isotopes by total absorption**

*Tuesday 3 November 2020 17:55 (20 minutes)*

**Presenters:** MORALES LOPEZ, Ana Isabel; FRAILE, Luis M

**Session Classification:** OPEN Session

Contribution ID: 26

Type: **not specified**

## **Beta-decay spectroscopy of neutron-rich Cd isotopes**

*Tuesday 3 November 2020 17:35 (20 minutes)*

**Presenters:** KORGUL, Agnieszka Barbara; FRAILE, Luis M

**Session Classification:** OPEN Session

Contribution ID: 27

Type: **not specified**

## **Investigating shape coexistence in $^{80,82}\text{Sr}$ with $\beta^+$ /EC decay spectroscopy**

*Tuesday 3 November 2020 17:15 (20 minutes)*

**Presenter:** BERNIER, Nikita

**Session Classification:** OPEN Session

Contribution ID: 28

Type: **not specified**

## **Commissioning of the third-generation spallation target and neutron beam characteristics of the n\_TOF facility**

*Tuesday 3 November 2020 09:45 (20 minutes)*

**Presenters:** PRAENA RODRIGUEZ, Antonio Javier; CALVIANI, Marco

**Session Classification:** OPEN Session