



# Agenda for the 65th Meeting of the INTC

## Tuesday 3 November 2020

### OPEN Session (09:00 - 18:35)

time	[id] title	presenter
09:00	[2] Introduction	PFUTZNER, Marek
09:05	[3] ISOLDE Technical Report	VOLLAIRE, Joachim
09:25	[4] n_TOF Report	MENGONI, Alberto ABERLE, Oliver
09:45	[28] Commissioning of the third-generation spallation target and neutron beam characteristics of the n_TOF facility	PRAENA RODRIGUEZ, Antonio Javier CALVIANI, Marco
10:05	[6] Measurement of the $\alpha$ -ratio and $(n, \gamma)$ cross section of $^{239}\text{Pu}$ at n_TOF	CANO OTT, Daniel PERKOVSKI, Jaroslav
10:25	[7] A new approach to beta-delayed multi-neutron emission	RIISAGER, Karsten
10:45	Break	
10:55	[8] Measurement of $^{94,95,96}\text{Mo}(n,\gamma)$ relevant to Astrophysics and Nuclear Technology	MASSIMI, Cristian
11:15	[9] Weak interaction studies via beta-delayed proton emission	BLANK, Bertram ATANASOV, Dinko SEVERIJNS, Nathal
11:35	[10] Precision measurement of the half-life of $^{110}\text{Sn}$ in large and small lattice environments	RAY, Amlan SIKDAR, Arindam
11:55	[24] Laser spectroscopy of neutron-rich and neutron-deficient cadmium isotopes using MIRACLS at ISOLDE	SELS, Simon Mark C MALBRUNOT, Stephan
12:15	Lunch	
13:15	[12] Introduction to ISS	FREEMAN, Sean John
13:25	[17] The $d(^{30}\text{Mg},p)^{31}\text{Mg}$ reaction: Probing single-particle behaviour within the "island of inversion"	SHARP, David FREEMAN, Sean John
13:43	[14] 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	DOHERTY, Daniel LOTAY, Gavin
14:01	[16] Spectroscopy of $^8\text{Be}$ : Search for Rotational Bands Above 16 MeV	GAI, Moshe SMITH, Robin
14:19	[13] The $(d,p)$ reaction on $^{11}\text{Be}$ : Bringing clarity to our understanding of the structure of $^{12}\text{Be}$	SHARP, David CHEN, Jie
14:37	[18] Probing the $^{11}\text{Li}$ low-lying dipole strength via $^9\text{Li}(t,p)$ with the ISS	VIGEZZI, Enrico AYYAD, Yassid
14:55	Break	
15:05	[19] Emission Mössbauer spectroscopy of superconducting NbN thin films implanted with magnetic species	ADHIKARI, Rajdeep
15:25	[20] Probing the magicity and shell evolution in the vicinity of $N=50$ with high-resolution laser spectroscopy of $^{81,82}\text{Zn}$ isotopes	COCOLIOS, Thomas Elias YANG, Xiaofei

15:45	[21] First measurement of the s-process branching $79\text{Se}(n,\gamma)$	DOMINGO PARDO, Cesar LERENDEGUI MARCO, Jorge
16:05	[22] Charge and spin states of Fe in binary compounds	GUNNLAUGSSON, Haraldur Pall HEMMINGSEN, Lars
16:25	[23] First measurement of the $94\text{Nb}(n,\gamma)$ cross-section	DOMINGO PARDO, Cesar BALIBREA CORREA, Javier
16:45	Break	
16:55	[11] Probing Energy Efficient Perovskites	LIMA LOPES, Armandina Maria SCHELL, Juliana
17:15	[27] Investigating shape coexistence in $80,82\text{Sr}$ with $\beta^+/\text{EC}$ decay spectroscopy	BERNIER, Nikita
17:35	[26] Beta-decay spectroscopy of neutron-rich Cd isotopes	KORGUL, Agnieszka Barbara FRAILE, Luis M
17:55	[25] Decay spectroscopy of neutron-rich Zn isotopes by total absorption	MORALES LOPEZ, Ana Isabel FRAILE, Luis M
18:15	[5] Measurement of the fission cross-section of $243\text{Am}$ at EAR-1 and EAR-2 of the CERN n_TOF facility	DIAKAKI, Maria PATRONIS, Nikolaos