



# 58th Meeting of the INTC

## Wednesday 7 February 2018

### OPEN Session - 503/1-001 - Council Chamber (08:30 - 17:56)

time	[id] title	presenter
08:30	[4] Introduction	RIISAGER, Karsten
08:35	[5] ISOLDE report	CATHERALL, Richard JOHNSTON, Karl
08:55	[6] HIE ISOLDE report	KADI, Yacine
09:15	[7] Status of n_TOF	MACINA, Daniela
09:35	[39] Influence of valence of doping element on local electronic and crystal structure in vanadium oxides: Time-Differential Perturbed Angular Correlations spectroscopy at ISOLDE	CARBONARI, Artur Wilson SCHELL, Juliana
09:55	[22] The $^{140}\text{Ce}(n, \gamma)^{141}\text{Ce}$ reaction at n_TOF-EAR1: a litmus test for theoretical stellar models	CRISTALLO, Sergio MASSIMI, Cristian MENGONI, Alberto
10:15	[23] Nuclear moments and transition probabilities in the vicinity of the doubly magic $^{208}\text{Pb}$ by off-line measurements. The case of $^{210}\text{Pb}$	GEORGIEV, Georgi STUCHBERY, Andrew LJUNGVALL, Joa
10:35	Coffee break	
11:00	[24] Hyperfine interactions in hydrogenated $\text{TiO}_2$ thin films and powders for photocatalytic reactions	ZYABKIN, Dmitry
11:20	[30] Completing the puzzle around the $^{79}\text{Se}$ s-process branching with the $^{80}\text{Se}(n, \gamma)$ cross-section measurement	DOMINGO PARDO, Cesar CABALLERO ONTANAYA, Luis TARIFENO SALDIVIA, Ariel Estepan
11:40	[31] Commissioning of the i-TED Demonstrator (i-TED2) at CERN n_TOF EAR2	DOMINGO PARDO, Cesar CABALLERO ONTANAYA, Luis TARIFENO SALDIVIA, Ariel Estepan
12:00	[32] $\gamma$ -ray Energy Spectra and Multiplicities and Fission Fragment A and Z distributions from the Neutron-induced Fission of $^{239}\text{Pu}$ using STEFF	SMITH, Alastair Gavin DAVIES, Paul
12:20	Lunch	
13:50	[60] Probing low-lying states in $^{190}\text{Pb}$ via lifetime measurements	PAKARINEN, Janne GRAHN, Tuomas
14:10	[52] Production of phosphorus-vacancy centers in diamond for optical and spin characterization	GREEN, Ben
14:30	[53] Measurement of the $^{35}\text{Cl}(n, \gamma)^{36}\text{Cl}$ cross section at n_TOF EAR1	PORRAS, Ignacio WRIGHT, Tobias James
14:50	[61] Interaction of $\text{Na}^+$ ions with DNA G-quadruplex structures studied directly with Na beta-NMR spectroscopy	KOWALSKA, Magdalena
15:10	[55] Neutron capture on $^{205}\text{Tl}$ : depicting the abundance pattern of lead isotopes in s-process nucleosynthesis	CASANOVAS HOSTE, Adria TARIFENO SALDIVIA, Ariel Estepan

15:30	[56] Determination of $8\ 8\text{Li}(n, \gamma)$ cross section via Coulomb dissociation of $9\ 9\text{Li}$	SAHA, Swapan K.
15:50	[38] First spectroscopy of the the r-process nucleus $135\text{Sn}$	KRÖLL, Thorsten WIMMER, Kathrin
16:10	Coffee Break	
16:35	[58] High-precision measurement of the $18\ 18\text{Ne}$ superallowed $\beta$ -decay Q-value	EIBACH, Martin MOUGEOT, Maxime
16:55	[59] Collinear resonance ionization spectroscopy of RaF molecules	GARCIA RUIZ, Ronald Fernando DE GROOTE, Ruben Pieter WILKINS, Shane
17:15	[54] Establishing the deformation characteristics of $66\ 66\text{Ge}$	O'NEILL, George Genghis
17:35	[57] Neutron single-particle states towards $78\ 78\text{Ni}$ : $80\ 80\text{Ga}(d, p)$ $81\ 81\text{Ga}$	SAHIN, Eda DE ANGELIS, Giacomo
17:55	[48] End of Open Session	