

58th Meeting of the INTC

Report of Contributions

Contribution ID: 4

Type: **not specified**

Introduction

Wednesday 7 February 2018 08:30 (5 minutes)

Presenter: RIISAGER, Karsten

Session Classification: OPEN Session

Contribution ID: 5

Type: **not specified**

ISOLDE report

Wednesday 7 February 2018 08:35 (15 minutes)

Summary

Presenters: CATHERALL, Richard; JOHNSTON, Karl

Session Classification: OPEN Session

Contribution ID: 6

Type: **not specified**

HIE ISOLDE report

Wednesday 7 February 2018 08:55 (15 minutes)

Presenter: KADI, Yacine

Session Classification: OPEN Session

Contribution ID: 7

Type: **not specified**

Status of n_TOF

Wednesday 7 February 2018 09:15 (15 minutes)

Summary

Presenter: MACINA, Daniela

Session Classification: OPEN Session

Contribution ID: 22

Type: **not specified**

The $^{140}\text{Ce}(n, \gamma)^{141}\text{Ce}$ reaction at n_TOF-EAR1: a litmus test for theoretical stellar models

Wednesday 7 February 2018 09:55 (12 minutes)

Summary

Presenters: CRISTALLO, Sergio (INFN, Perugia (IT), and Osservatorio Astronomico di Teramo, INAF, Teramo (IT)); MASSIMI, Cristian (Universita e INFN, Bologna (IT)); MENGONI, Alberto (Ente Nuove tec. Energia & Ambiente (IT))

Session Classification: OPEN Session

Contribution ID: 23

Type: **not specified**

Nuclear moments and transition probabilities in the vicinity of the doubly magic ^{208}Pb by off-line measurements. The case of ^{210}Pb

Wednesday 7 February 2018 10:15 (12 minutes)

Summary

Presenters: GEORGIEV, Georgi (CSNSM, Orsay); STUCHBERY, Andrew (ANU, Canberra, Australia); LJUNGVALL, Joa (Université Paris-Saclay (FR))

Session Classification: OPEN Session

Contribution ID: 24

Type: **not specified**

Hyperfine interactions in hydrogenated TiO₂ thin films and powders for photocatalytic reactions

Wednesday 7 February 2018 11:00 (12 minutes)

Summary

Presenter: ZYABKIN, Dmitry (TU Ilmenau, Germany)

Session Classification: OPEN Session

Contribution ID: 30

Type: **not specified**

Completing the puzzle around the ^{79}Se s-process branching with the $^{80}\text{Se}(n,\gamma)$ cross-section measurement

Wednesday 7 February 2018 11:20 (12 minutes)

Summary

Presenters: DOMINGO PARDO, Cesar (Univ. of Valencia and CSIC (ES)); CABALLERO ON-TANAYA, Luis (Univ. of Valencia and CSIC (ES)); TARIFENO SALDIVIA, Ariel Esteban (Universitat Politecnica Catalunya (ES))

Session Classification: OPEN Session

Contribution ID: 31

Type: **not specified**

Commissioning of the i-TED Demonstrator (i-TED2) at CERN n_TOF EAR2

Wednesday 7 February 2018 11:40 (12 minutes)

Summary

Presenters: DOMINGO PARDO, Cesar (Univ. of Valencia and CSIC (ES)); CABALLERO ON-TANAYA, Luis (Univ. of Valencia and CSIC (ES)); TARIFENO SALDIVIA, Ariel Esteban (Universitat Politecnica Catalunya (ES))

Session Classification: OPEN Session

Contribution ID: 32

Type: **not specified**

γ -ray Energy Spectra and Multiplicities and Fission Fragment A and Z distributions from the Neutron-induced Fission of ^{239}Pu using STEFF

Wednesday 7 February 2018 12:00 (12 minutes)

Summary

Presenters: SMITH, Alastair Gavin (University of Manchester (GB)); DAVIES, Paul (University of Manchester)

Session Classification: OPEN Session

Contribution ID: **38**

Type: **not specified**

First spectroscopy of the the r-process nucleus ^{135}Sn

Wednesday 7 February 2018 15:50 (12 minutes)

Summary

Presenters: KRÖLL, Thorsten (TU Darmstadt, Germany); WIMMER, Kathrin (Abteilung Physik-Technische Universitaet Muenchen-Unknown)

Session Classification: OPEN Session

Contribution ID: 39

Type: **not specified**

Influence of valence of doping element on local electronic and crystal structure in vanadium oxides: Time-Differential Perturbed Angular Correlations spectroscopy at ISOLDE

Wednesday 7 February 2018 09:35 (12 minutes)

Summary

Presenters: CARBONARI, Artur Wilson (Instituto de Pesquisas Energeticas e Nucleares (BR)); SCHELL, Juliana (Institut Fur Materialwissenschaft Universität Duisburg-Essen (D))

Session Classification: OPEN Session

Contribution ID: 48

Type: **not specified**

End of Open Session

Wednesday 7 February 2018 17:55 (1 minute)

Summary

Session Classification: OPEN Session

Contribution ID: 52

Type: **not specified**

Production of phosphorus-vacancy centers in diamond for optical and spin characterization

Wednesday 7 February 2018 14:10 (12 minutes)

Summary

Presenter: GREEN, Ben (University of Warwick)

Session Classification: OPEN Session

Contribution ID: 53

Type: **not specified**

Measurement of the $^{35}\text{Cl}(n,\gamma)$ cross section at n_TOF EAR1

Wednesday 7 February 2018 14:30 (12 minutes)

Summary

Presenters: PORRAS, Ignacio (University of Granada, Spain); WRIGHT, Tobias James (University of Manchester (GB))

Session Classification: OPEN Session

Contribution ID: 54

Type: **not specified**

Establishing the deformation characteristics of ^{66}Ge

Wednesday 7 February 2018 17:15 (12 minutes)

Summary

Presenter: O'NEILL, George Genghis (University of the Western Cape, South Africa)

Session Classification: OPEN Session

Contribution ID: 55

Type: **not specified**

Neutron capture on ^{205}Tl : depicting the abundance pattern of lead isotopes in s-process nucleosynthesis

Wednesday 7 February 2018 15:10 (12 minutes)

Summary

Presenters: CASANOVAS HOSTE, Adria (Universitat Politecnica Catalunya (ES)); TARIFENO SALDIVIA, Ariel Esteban (Universitat Politecnica Catalunya (ES))

Session Classification: OPEN Session

Contribution ID: 56

Type: **not specified**

Determination of $^8\text{Li}(n,\gamma)^9\text{Li}$ cross section via Coulomb dissociation of ^9Li

Wednesday 7 February 2018 15:30 (12 minutes)

Summary

Presenter: SAHA, Swapan K. (Bose Institute)

Session Classification: OPEN Session

Contribution ID: 57

Type: **not specified**

Neutron single-particle states towards ^{78}Ni : $^{80}Ga(d,p)^{81}Ga$

Wednesday 7 February 2018 17:35 (12 minutes)

Summary

Presenters: SAHIN, Eda (University of Oslo); DE ANGELIS, Giacomo (Universita e INFN, Legnaro (IT))

Session Classification: OPEN Session

Contribution ID: 58

Type: **not specified**

High-precision measurement of the ^{18}Ne superallowed β -decay Q-value

Wednesday 7 February 2018 16:35 (12 minutes)

Summary

Presenters: EIBACH, Martin (Ernst-Moritz-Arndt-Universität); MOUGEOT, Maxime (Université Paris-Saclay (FR))

Session Classification: OPEN Session

Contribution ID: 59

Type: **not specified**

Collinear resonance ionization spectroscopy of RaF molecules

Wednesday 7 February 2018 16:55 (12 minutes)

Summary

Presenters: GARCIA RUIZ, Ronald Fernando (KU Leuven (BE)); DE GROOTE, Ruben Pieter (KU Leuven (BE)); WILKINS, Shane (University of Manchester (GB))

Session Classification: OPEN Session

Contribution ID: **60**

Type: **not specified**

Probing low-lying states in ^{190}Pb via lifetime measurements

Wednesday 7 February 2018 13:50 (12 minutes)

Summary

Presenters: PAKARINEN, Janne (University of Jyvaskyla (FI)); GRAHN, Tuomas (University of Jyvaskyla (FI))

Session Classification: OPEN Session

Contribution ID: 61

Type: **not specified**

Interaction of Na⁺ ions with DNA G-quadruplex structures studied directly with Na beta-NMR spectroscopy

Wednesday 7 February 2018 14:50 (12 minutes)

Summary

Presenter: KOWALSKA, Magdalena (CERN)

Session Classification: OPEN Session