

55th Meeting of the INTC

Report of Contributions

Contribution ID: 4

Type: **not specified**

Introduction

Wednesday 8 February 2017 08:30 (5 minutes)

Presenter: RIISAGER, Karsten

Session Classification: OPEN Session

Contribution ID: 5

Type: **not specified**

ISOLDE report

Wednesday 8 February 2017 08:35 (15 minutes)

Summary

Presenters: JOHNSTON, Karl; CATHERALL, Richard

Session Classification: OPEN Session

Contribution ID: 6

Type: **not specified**

HIE ISOLDE report

Wednesday 8 February 2017 08:55 (15 minutes)

Presenter: KADI, Yacine

Session Classification: OPEN Session

Contribution ID: 7

Type: **not specified**

n_TOF Report

Wednesday 8 February 2017 09:15 (15 minutes)

Summary

Presenter: MACINA, Daniela

Session Classification: OPEN Session

Contribution ID: 9

Type: **not specified**

Proposal for a neutron imaging station at n_TOF EAR2

Wednesday 8 February 2017 14:10 (12 minutes)

Summary

Presenter: MINGRONE, Federica (CERN)

Session Classification: OPEN Session

Contribution ID: 22

Type: **not specified**

Emission channeling with short-lived isotopes (EC-SLI) of acceptor dopants in nitride semiconductors

Wednesday 8 February 2017 09:55 (12 minutes)

Summary

Presenter: WAHL, Ulrich (Instituto Superior Tecnico (PT))

Session Classification: OPEN Session

Contribution ID: 23

Type: **not specified**

Measurement of the $^{241}\text{Am}(n,\gamma)$ cross section at low energies at EAR2

Wednesday 8 February 2017 11:10 (12 minutes)

Summary

Presenters: SCHILLEBEECKX, Peter Josee (Institute for Reference Materials and Measurements (BE)); SCHILLEBEECKX, peter (EC-JRC-IRMM)

Session Classification: OPEN Session

Contribution ID: 24

Type: **not specified**

Low-lying structure of neutron-rich $A=73$ Zn and Ga isobars

Wednesday 8 February 2017 10:30 (12 minutes)

Summary

Presenter: PETRONE, Cristina (Horia Hulubei, NIPNE, Bucharest)

Session Classification: OPEN Session

Contribution ID: 25

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

Wednesday 8 February 2017 14:30 (12 minutes)

Summary

Presenter: DOHERTY, Daniel (University of Surrey)

Session Classification: OPEN Session

Contribution ID: 26

Type: **not specified**

Shape-coexistence and shape-evolution studies for bismuth isotopes by in-source laser spectroscopy

Wednesday 8 February 2017 10:50 (12 minutes)

Summary

Presenter: BARZAKH, Anatoly (Petersburg Nuclear Physics Institut (RU))

Session Classification: OPEN Session

Contribution ID: 27

Type: **not specified**

Shell structure of odd neutron-rich 71–75Cu isotopes via one proton transfer reactions

Wednesday 8 February 2017 13:30 (12 minutes)

Summary

Presenter: POLESHCHUK, Oleksii (KU Leuven)

Session Classification: OPEN Session

Contribution ID: 28

Type: **not specified**

Shape coexistence and N=50 gap: coulex reactions on ground and isomeric states in N=49 ^{79}Zn , ^{81}Ge isotones

Wednesday 8 February 2017 15:10 (12 minutes)

Summary

Presenter: GOTTARDO, Andrea (Institut de Physique Nucléaire d'Orsay - IPN)

Session Classification: OPEN Session

Contribution ID: **30**

Type: **not specified**

Measurement of the fission cross-section of ^{241}Am

Wednesday 8 February 2017 11:30 (12 minutes)

Summary

Presenter: TSINGANIS, Andrea (CERN)

Session Classification: OPEN Session

Contribution ID: 31

Type: **not specified**

Measurement of the $^{230}\text{Th}(n,f)$ reaction cross-section at EAR-1 and EAR-2 of the CERN n_TOF facility

Wednesday 8 February 2017 11:50 (12 minutes)

Summary

Presenter: DIAKAKI, Maria (National Technical Univ. of Athens (GR))

Session Classification: OPEN Session

Contribution ID: 32

Type: **not specified**

Spectroscopy of ^{81}Zn populated via one-neutron transfer $^{80}\text{Zn}(d,p)$ using ACTAR TPC

Wednesday 8 February 2017 13:10 (12 minutes)

Summary

Presenter: BABO, Mathieu (KU Leuven)

Session Classification: OPEN Session

Contribution ID: 33

Type: **not specified**

Nuclear-chemical synthesis of iron compounds and their Mössbauer identification

Wednesday 8 February 2017 14:50 (12 minutes)

Summary

Presenter: GUNNLAUGSSON, Haraldur Pall (KU Leuven (BE))

Session Classification: OPEN Session

Contribution ID: 38

Type: **not specified**

Towards reliable production of ^{225}Ac for medical applications: Systematic analysis of the production of Fr, Ra and Ac beams

Wednesday 8 February 2017 13:50 (12 minutes)

Summary

Presenter: DOCKX, Kristof (KU Leuven)

Session Classification: OPEN Session

Contribution ID: 39

Type: **not specified**

Energy-differential measurement of the $^{12}\text{C}(\text{n},\text{p})$ reaction

Wednesday 8 February 2017 09:35 (12 minutes)

Summary

Presenter: ZUGEC, Petar (University of Zagreb (HR))

Session Classification: OPEN Session

Contribution ID: 40

Type: **not specified**

Study of the kinetics of complex formation and in vivo stability of novel radiometal-chelate conjugates for applications in nuclear medicine

Wednesday 8 February 2017 15:30 (12 minutes)

Summary

Presenter: STACHURA, Monika (CERN)

Session Classification: OPEN Session

Contribution ID: 41

Type: **not specified**

Local Probing of Ferroic and Multiferroic Compounds

Wednesday 8 February 2017 16:10 (12 minutes)

Summary

Presenter: BRAS DE SEQUEIRA AMARAL, Vitor (University of Aveiro (PT))

Session Classification: OPEN Session

Contribution ID: 42

Type: **not specified**

IS528 Novel diagnostic and therapeutic radionuclides for the development of innovative radiopharmaceuticals

Wednesday 8 February 2017 16:30 (12 minutes)

Summary

Presenter: KOESTER, Ulli (Institut Laue-Langevin (FR))

Session Classification: OPEN Session

Contribution ID: 43

Type: **not specified**

Laser Spectroscopy of exotic indium ($Z = 49$) isotopes: Approaching the $N = 50$ and $N = 82$ neutron numbers

Wednesday 8 February 2017 16:50 (12 minutes)

Summary

Presenter: GARCIA RUIZ, Ronald Fernando (The Univesity of Manchester)

Session Classification: OPEN Session

Contribution ID: 44

Type: **not specified**

PAC studies of isolated small Cd and Hg molecules: The nuclear quadrupole moments

Wednesday 8 February 2017 17:10 (12 minutes)

Summary

Presenter: HAAS, Heinz (University of Aveiro (PT))

Session Classification: OPEN Session

Contribution ID: 45

Type: **not specified**

Precision Mass Measurements with ISOLTRAP to Study the Evolution of the N=82 Shell Gap far from Stability

Wednesday 8 February 2017 17:30 (12 minutes)

Summary

Presenter: ATANASOV, Dinko (TU Dresden)

Session Classification: OPEN Session

Contribution ID: 46

Type: **not specified**

Electron capture of 8B into highly excited states in 8Be

Wednesday 8 February 2017 17:50 (12 minutes)

Summary

Presenter: TENGBLAD, Olof (Consejo Superior de Investigaciones Cientificas (CSIC) (ES))

Session Classification: OPEN Session

Contribution ID: 48

Type: **not specified**

End of Open Session

Wednesday 8 February 2017 18:10 (1 minute)

Summary

Session Classification: OPEN Session