

Session Program

16-17 Feb 2009

33rd Meeting of the INTC

OPEN SESSION

CERN, 503/1-001 - Council Chamber

Monday 16 February

13:30

OPEN SESSION

Session | Location: CERN, 503/1-001 - Council Chamber

13:30-13:35 Introduction by the Chairman

Speaker

Mark Huyse

Location

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13:35-13:50 Report from the EN ISOLDE Representative for INTC

Speaker

Dr Mats Lindroos

Location

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13:55-14:10 Report from the ISOLDE Scientific Coordinator

Speaker

Alexander Herlert

Location

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14:15-14:30

Ground-state properties of K-isotopes from laser and β -NMR spectroscopy

Speaker

Prof. Gerda Neyens

Location

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14:35-14:50

Study of oblate nuclear shapes and shape coexistence in neutron-deficient rare earth isotopes

Speaker

Andreas Goergen

Location

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14:55-15:10

Probing the N=50 shell gap near ⁷⁸Ni

Speaker

Riccardo Orlandi

Location

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15:15-15:30

Study of Local Correlations of Magnetic and Multiferroic Compounds

Speaker

Joao Pedro Araujo

Location

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15:35-15:50

Radiotracer diffusion in semiconductors and metallic compounds using short-lived isotopes**Speaker**

Manfred Deicher

Location

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15:55-16:10

Defects in ZnO, CdTe, and Si: Optical, structural, and electrical characterization**Speaker**

Manfred Deicher

Location

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16:15-16:30

Masses of noble gases**Speaker**

David Lunney

Location

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16:35-16:55

COFFEE BREAK

16:55-17:10

Nuclear structure studies of the neutron-rich Rubidium isotopes using Coulomb excitation**Speaker**

Georgi Georgiev

Location

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17:15-17:30

Ag(I), Pb(II) and Hg(II) binding to biomolecules studied by Perturbed Angular Correlation of γ -rays (PAC) spectroscopy: Function and toxicity of metal ions in biological systems**Speaker**

Dr Lars Hemmingsen

Location

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17:35-17:50

Measurements of competing structures in neutron-deficient Pb isotopes by employing Coulomb excitation**Speaker**

Dr Tuomas Grahn

Location

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17:55-18:10

Magnetic dipole moments of high-K isomeric states in Hf isotopes (IS460)**Speaker**

Nick Stone

Location

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18:15-18:30

First results from IS468 and further investigation of in-trap decay of ^{62}Mn **Speaker**

Jarno Van de Walle

Location

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18:35-18:50

Crystal field investigations of rare earth doped wide band gap semiconductors**Speaker**

Dr Ulrich Vetter

Location

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18:55-19:10

Coulomb Excitation of $^{94,96}\text{Kr}$ beam - Deformation in the neutron rich Krypton isotopes**Speaker**

Dennis Muecher

Location

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19:15-19:30

Coulomb Excitation of ^{72}Zn - Vibrational Proton-Neutron Structure of the Even-A Z=30 Isotopic Chain**Speaker**

Dennis Muecher

Location

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19:35-19:50

High-precision mass measurements below ^{48}Ca and in the rare-earth region to investigate the proton-neutron interaction**Speaker**

Dr Magdalena Kowalska

Location

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20:00