

100 Years Nuclear Isomers - Workshop - Poster Overview

Id	Title	Presenter
4	Physics of laser-assisted nuclear processes	Feodor Karpeshin
7	Half-life measurement of short-lived $^{94m}\text{Ru}^{4+}$ using isochronous mass spectrometry	Qi Zeng
14	Mass measurement and spectroscopy of ^{190}Re using the Q3D magnetic spectrograph	Mark Griffiths
17	Nuclear excitation by electron capture with electron vortex beams for isomer depletion	Yuanbin Wu, Adriana Palffy
18	Coherent population transfer techniques for the ^{229}Th nuclear clock candidate	Tobias Kirschbaum
22	Nuclear isomers in neutron stars	Javlon Rayimbaev
23	Shell-model study of nuclear isomers in Sn and Pb region	Bharti Bhoy
25	Analysis of high-spin isomers in $A=128$ hole nuclei near ^{132}Sn	Hankui Wang
26	New structure features revealed in isomeric spectroscopy in the $Z \sim 82$, $N \sim 104$ region	Wenqiang Zhang
28	Collective and intrinsic excitations in Hg and Tl isotopes explored through nanosecond to microsecond isomers	Saket Suman
30	Study of isomer ratio in $(n,2n)$ and (γ,n) reactions on the ^{198}Hg nucleus	Abror Tuymuradov
41	Theoretical investigation of α -decay in Superheavy Isomers	Akshay Jain
42	Changes in charge radius of the high-spin isomers of the proton-hole states of indium	Adam Vernon
44	Towards the Lifetime Measurement of the $^{229m}\text{Th}^{3+}$ Nuclear Clock Isomer	Kevin Scharl
45	Search of the exotic nuclear two-photon emission decay in isochronous heavy ion storage rings	David Freire Fernández
50	Global Searches and Optimisation in the Utilitarian Approach to Nuclear Excitation by Electron Capture (NEEC)	Ben Wallis
51	Nuclear Excitation by Electron Capture in Excited Ions	Simone Gargiulo
53	Lifetime measurement of first $4+$ state in ^{102}Sn via the decay from seniority isomer	guangxin zhang
55	Isomeric states of $^{113,115}\text{In}$ in radiative proton-capture reactions at energies of astrophysical interest	Polytimos Vasileiou
56	A cryogenic Paul trap setup for the determination of the ionic radiative lifetime of $^{229m}\text{Th}^{3+}$	Daniel Moritz
60	Nuclear isomers and their implications in the stellar environments	Surja Ghorui
62	Isomers in even-Z nuclei below the $N=82$ shell	Sönke Beck
64	Lifetime of the $7(-)$ isomeric state of the odd-odd nucleus ^{68}Ga	Rafael Escudeiro
67	$B(E2)$ predictions within the proxy-SU(3) symmetry	Andriana Martinou
69	Significance of the 2.3 keV isomer state in ^{205}Pb in determining its fate in the early solar system	Ragandeep Singh Sidhu
72	Accelerating Nuclear Decay using Nuclear-Plasma Interactions	Lee Bernstein
86	Lattice Location of Th in CaF_2 Using Channeling Techniques: Towards a Nuclear Clock	Janni Moens
87	A VUV frequency comb for the excitation of the ^{229}Th isomer	Stephan Wissenberg