

HIE-ISOLDE LOIs

Jun-10

LOI no.	doc. no.	title	Spokes-person	Contact-person
I89	I-089	Transfer Reactions and Multiple Coulomb Excitation in the 100Sn region	Joakim Cederkall	Yorick Blumenfeld
I90	I-090	β -delayed spectroscopy of laser-polarized beams	Deyan Yordanov	Deyan Yordanov
I91	I-091	Measurements of octupole collectivity in odd-mass Rn, Fr and Ra isotopes	Peter Butler	Janne Pakarinen
I93	I-093	Magnetic moment measurements in $A \sim 140$ Te, Xe, Ba and Ce isotopes using the Transient Field technique	Jörg Leske	Alexander Herlert
I94	I-094	Elastic resonance scattering study with a 20Mg beam: $p(20\text{Mg},p)21\text{Al}$	Maria Borge, Thomas Nilsson	Bjorn Jonson
I95	I-095	Transfer induced fission of heavy radioactive beams	Martin Veselsky	Janne Pakarinen
I96	I-096	Shape studies in the neutron rich $N \sim 60$ region	Nigel Warr, Emmanuel	Janne Pakarinen
I97	I-097	Single-Particle Evolution and Test of Shell Models	Sean Freeman	Sean Freeman
I98	I-098	Time-reversal studies of (α,p) reactions in X-ray bursts	Marialuisa Aliotta	Marialuisa Aliotta
I99	I-099	A HELICAL Orbit Spectrometer (HELIOS) for HIE-ISOLDE	Sean \Freeman	Sean Freeman
I100	I-100	Spectroscopy of neutron-rich Ni, Cu and Zn isotopes near 68Ni and 78Ni using transfer	Riccardo Orlandi,	Janne Pakarinen
I101	I-101	Exploration of K-isomerism using unique high-K isomeric beams	David Jenkins, Pawel	Janne Pakarinen
I102	I-102	Shape changes and proton-neutron pairing around the $N=Z$ line	David Jenkins	Janne Pakarinen
I103	I-103	Studies of isospin symmetry and mirror nuclei	David Jenkins	Janne Pakarinen
I104	I-104	PARIS: A high-resolution scintillator array for medium- and high-energy gamma rays	David Jenkins	Janne Pakarinen
I106	I-106	Study of quadrupole-collective isovector valence-shell excitations of exotic nuclei at HIE-ISOLDE	Norbert Pietralla, G.	Janne Pakarinen
I107	I-107	In-beam electron spectroscopy at HIE-ISOLDE	Janne Pakarinen	Janne Pakarinen
I108	I-108	Transfer reactions at the driplines	Karsten Riisager	Olof Tengblad
I109	I-109	Nuclear-structure evolution from 68Ni towards 78Ni studied with multiple Coulomb excitation	Piet Van Duppen	Janne Pakarinen
I110	I-110	Shape coexistence in the neutron-deficient region around $Z=82$ studied via Coulomb excitation and nucleon transfer	Piet Van Duppen	Janne Pakarinen
I111	I-111	Coulomb excitation and nucleon transfer reactions in the 132Sn region	Thorsten Kröll, Reiner Krücken	Janne Pakarinen
I112	I-112	Studies of collectivity and single-particle behaviour in Te nuclei above the the $N=50$ shell gap	Tuomas Grahn, R. Wadsworth, B. Cederwall	Janne akarinen

I113	I-113	A Spectrometer for Nuclear Reaction Studies at HIE-ISOLDE	Gry Tveten, Joakim Cederkall	Yorick Blumenfeld
I114	I-114	Shape Transition and Coexistence in Neutron-Deficient Rare Earth Isotopes	Andreas Görgen	Joakim Cederkall
I115	I-115	Searches for permanent electric dipole moments in Radium Isotopes	Lorenz Willmann	Alexander Herlert
I116	I-116	Study of the nature of the low-lying strength in nuclei with neutron skin	Marc Labiche	Janne Pakarinen
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I118	I-118	GASPARD at HIE-ISOLDE	Wilton Catford	Alexander Herlert
I119	I-119	Direct and resonant reactions using an Active Target	Riccardo Raabe	Thierry Stora
I120	I-120	Direct measurements in the rp-process with active-target detectors	Manuel Caamaño	Yorick Blumenfeld
I121	I-121	Innovative radioisotopes for preclinical and clinical studies in nuclear medicine	Ulli Köster	Ulli Köster
I122	I-122	High Energy Actinide Beams for Fission Yields Studies in Inverse Kinematics (FYSIK)	Fanny Rejmund	Thierry Stora
I123	I-123	Masses of r-process waiting-point nuclides	Susanne Kreim	Susanne Kreim
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