

EMMI Workshop: "Threshold physics at the neutron dripline"

February 3-7, 2014 at GSI KBW building Darmstadt

	Monday	Tuesday	Wednesday	Thursday	Friday
	<i>Chair: Lucas Platter</i>	<i>Chair: Gaute Hagen</i>	<i>Chair: Christian Forssén</i>	<i>Chair: Jimmy Rotureau</i>	<i>Chair: Thomas Aumann</i>
9:00	Arrival and Registration	Nicolas Michel	Hans-Werner Hammer		Nigel Orr
9:30	EMMI welcome (Prof. Dr. P. Braun-Munzinger) Opening remarks (organizers)	<i>Description of nuclear reaction observables including coupling to the continuum</i>	<i>Universal properties of halo nuclei</i>		<i>Probing beyond the neutron dripline via knockout and transfer</i>
9:45	Andreas Ekström <i>Optimized chiral nuclear forces and uncertainty estimates</i>	Marek Płoszajczak <i>Weakly bound systems: clustering and correlations</i>	Calem Hoffman <i>The Behavior of s-States Near Threshold</i>	Robert Roth (NOTE 10:00-10.45) <i>Frontiers in Ab Initio Nuclear Theory</i>	Haik Simon <i>Light unbound nuclear systems - experimental studies</i>
10:30	Coffee	Coffee	Coffee	Coffee (10.45-11.00)	Coffee
11:00	Thomas Nilsson <i>Population of unbound nuclei by quasifree scattering - methods, selectivity and observables</i>	Takashi Nakamura <i>Structure of nuclei near and beyond the neutron drip line studied by breakup experiments at RIBF</i>	Peter Mueller <i>Laser probing of neutron- and proton-rich nuclei in light atoms</i>	Petr Navrátil <i>Light neutron rich nuclei within the ab initio no-core shell model with continuum</i>	Angela Bonnacorso <i>The ^{13}Be puzzle: theoretical issues</i>
11:45	Isao Tanihata <i>Nucleus view from high momentum nucleons and Tensor force</i>	Sonia Bacca <i>Towards ab-initio calculations of electromagnetic observables for stable and unstable nuclei</i>	Rituparna Kanungo <i>Exploring Radii and Resonances of neutron-rich nuclei through high and low-energy reactions</i>	Pierre Capel <i>Description of breakup reactions involving halo nuclei</i>	Discussion session <i>Probing the unbound</i>
12:30	Lunch	Lunch	Lunch	Lunch	Lunch
	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>
14:00	Thomas Neff <i>Description of bound and continuum states in fermionic molecular dynamics</i>	Achim Schwenk (NOTE: 13.45-14.30) <i>Nuclear forces and the oxygen and calcium isotope chains</i>	Wataru Horiuchi <i>Probing halo and skin structure of unstable nuclei with total reaction cross sections</i>	Felix Wamers <i>Experimental studies at the proton dripline: ^{17}Ne and beyond</i>	Jeremy Holt <i>Nuclear few-body systems in a discrete variable representation basis</i>
14:45	Ubirajara van Kolck <i>Halo/Cluster Effective Field Theory</i>	GSI GEDENK KOLLOQUIUM IN MEMORIAM PAUL KIENLE 15.00 - 18.00 GSI GROSSER HÖRSAAL	Wilfried Noertershaeuser <i>Charge radii of beryllium Isotopes and towards a charge radius measurement of boron-8</i>	Kyle Wendt <i>Recent Developments of the Momentum Representation SRG Evolution for Three Nucleon Forces</i>	Tomohiro Uesaka <i>to be confirmed</i>
15:30	Coffee		Coffee	Coffee	
16:00	Chen Ji <i>The description of he-6 in an halo effective field theory approach</i>		Emil Ryberg <i>Proton halo effective field theory</i>	Thomas Duguet <i>Model-independent characterization of halos in finite many-fermion systems</i>	
16:45	Renato Higa <i>Capture reactions with halo EFT</i>		Daniel Phillips <i>One- and two-neutron halo nuclei in effective field theory</i>		
17:30			Workshop dinner		