Three-body systems in reactions with rare isotopes

October 3-7, 2016, ECT* Trento, Italy

Program (version of October 04)

Time	Sunday	M/October 3rd	T/October 4th	W/October 5th	TR/October 6th	F/October 7th	Saturday
9:30		***Registration***	**Descouvemont**	**Uesaka**	**Kalantar**	**Trache**	Departure
10:15		**Suzuki**	**Bonaccorso**	**Orlandini**	**Tumino**	**Pang**	.
11:00		*Break*		*Break*	*Break*	*Break*	.
11:30		**Deltuva**	*Break*	**Hammer**	**La Cognata**	**Tran**	.
12:15		**Ogata**	**Moro**	**Phillips**	**Canton**	**Casal**	.
13:00	Arrival	*Lunch* – ECT*	*Lunch* – ECT*	*Lunch* – ECT*	*Lunch* – ECT*	*Lunch* – ECT*	.
14:30	.	**Timofeyuk**	**Jurado**	*ECT* colloquium*	14:30 **Avrigeanu**		
15:15	.	**Rubtsova**	**Capel**	14:30 **Kievsky**	15:15 **Shubhchintak**		
16:00	.	*Break*		15:30 *Break*			
16:30	.	**Jones**		16:00 **Pato**			
17:15	.	**Xu**		16:45 **Hebeler**			
19:00	.	*Dinner* - ECT*		*19:00 Dinner* – Rest. La Baracca			
20:00	*Dinner* – Pizzeria Green Tower		*Dinner* – Hotel America		*Social Dinner* – Rest. Orso Grigio	*Dinner* – Pizzeria Green Tower	

Talks

A. Bonaccorso, Spectroscopy of light unbound nuclei
A. Deltuva, Description of three-body nuclear reactions in the Faddeev formalism
A. Kievsky, Variational description of continuum states
A. Moro, Core excitations and non-elastic breakup in reactions induced by weakly-bound nuclei
A. Tumino, Recent results for nuclear astrophysics with the Trojan Horse Method applied to stable and radioactive nuclei
B. Jurado, Study of the ^{238}U(d,p) surrogate reaction via the simultaneous measurement of gamma-emission and fission probabilities
D. Phillips, Effective field theory for two-neutron halos
F. Pang, Problems in the deuteron stripping reactions
F. Xu, Resonances of weakly bound nuclei
G. Orlandini, Integral Transform Approaches to Continuum
H.-W. Hammer, Effective field theory for halo nuclei
H.V.T. Tran, Generalized Faddeev equations in the Alt-Grassberger-Sandhas form for deuteron induced reactions
J. Casal, Transfer to continuum calculation of quasifree (p,pN) reactions induced by three-body nuclei
K. Hebeler, Reactions based on unitarily evolved nuclear interactions and efficient calculations of chiral 3N forces
K. Jones, ^{10}Be + d as a test of three-body theories
K. Ogata, Microscopic effective reaction theory for three- and four-body direct processes
L. Canton, Multichannel scattering method for medium-light nuclei
L. Trache, Breakup of ^{9}C; what can we learn?!
M. Avrigeanu, Effects of direct interactions on deuteron surrogate reactions
M. LaCognata, Application to nuclear astrophysics of three-body reactions through the THM
M. Pato, Uniform asymptotic evaluation of the fusion cross-section
N. Kalantar-Nayestanaki, What have we learned about three-body systems at intermediate energies?
N. Timofeyuk, Recent developments in (d,p) reaction theory
O. Rubtsova, Discretization of continuum for few-body scattering and nuclear reactions
P. Capel, Extending the eikonal approximation at low energy
P. Descouvemont, Separation between nuclear and Coulomb breakup in three-body reactions
Shubhchintak, d(α,γ)^{6}Li reaction and second lithium puzzle
T. Uesaka, (d,p) and knockout reactions with high momentum transfer
Y. Suzuki, Triple-alpha reactions at low temperatures