

7th ANL/INT/JINA/MSU annual FRIB workshop

INTERFACES BETWEEN NUCLEAR REACTIONS AND STRUCTURE

August 8 - 12, 2011

All talks in A114, Physics/Astronomy Auditorium

Monday, August 8

8:00	Registration in C411 Physics/Astronomy Tower		
9:45	Alex Brown	brown@nscl.msu.edu	Introduction and discussion leader
10:00	Petr Navratil	navratil@triumf.ca	Ab initio reaction theory for light nuclei
10:45	Filomena Nunes	nunes@nscl.msu.edu	The TORUS project
11:30	Discussions		
12:00	Lunch		
1:30	Wilton Catford	W. Catford@surrey.ac.uk	Transfer Reaction Exp
2:15	Alexandra Gade	gade@nscl.msu.edu	Knockout Reaction Exp
3:00			
3:30	Alan Wuosmaa	alan.wuosmaa@wmich.edu	Nucleon-transfer reactions with exotic light nuclei
4:15	Betty Tsang	tsang@nscl.msu.edu	Transfer Reaction Exp

Tuesday, August 9th

9:45	Charlotte Elster	elster@ohio.edu	Discussion leader
10:00	Thomas Papenbrock	tpapenbr@utk.edu	Time dependent coupled-cluster method
10:45	Gaute Hagen	gautehag@gmail.com	Towards nuclear reactions with coupled-cluster theory
11:30			
12:00	Lunch		
1:30	Charlotte Elster	elster@ohio.edu	TBA
2:15	Pierre Capel	capel@kph.uni-mainz.de	Breakup as a tool to study exotic nuclear structures
3:00			
3:30	Stefan Typel	S.Typel@gsi.de	Electromagnetic and nuclear breakup in Coulomb dissociation experiments
4:15	Dick Furnstahl	furnstahl.1@osu.edu	Making sense of structure/reaction 'non-observables'

Wednesday, August 10th

9:00	George Bertsch	bertsch@uw.edu	Discussion leader
9:15	Wim Dickhoff	wimd@wuphys.wustl.edu	Recent applications of Green's function methods to link structure and reactions
10:00	Jenny Lee	jennylee@ribf.riken.jp	Plans of correlation studies using one-nucleon & two-nucleon knockout and transfer reactions
10:45	Bob Charity	charity@wustl.edu	Two-Proton Decay Exp
12:00	Lunch		
1:30	Ian Thompson	I-Thompson@llnl.gov	Theory and Calculation of Two-nucleon Transfer Reactions
2:15	Augusto Macchiavelli	iaom@lbl.gov	Pairing Correlations and Two-nucleon Transfer Reactions
3:00			
3:30	Alex Brown	brown@nscl.msu.edu	Proton-neutron correlations and the relation to GT strength
3:45	Mihai Horoi	horoi@phy.cmich.edu	Proton-neutron correlations from particle transfer reactions
4:15	Alex Gezerlis	gezerlis@uw.edu	Mixed spin pairing in heavy nuclei

Thursday, August 11th

9:45	Thomas Papenbrock	Tpapenbr@utk.edu	Discussion leader
10:00	Hideyuki Sakai	hsakai@ribf.riken.jp	Study of Spin-Isospin Responses in the Continuum by Charge-Exchange Reactions
10:45	Remco Zegers	zegers@nscl.msu.edu	Theoretical challenges for charge-exchange reactions (with rare isotope beams)
12:00	Lunch		
1:30	Dieter Frekers	frekers@Uni-Muenster.de	Charge-exchange reactions and double beta-decay
2:15	Myung-Ki Cheoun	cheoun@ssu.ac.kr	Charge Exchange Reactions and Applications to Astrophysics
3:00			
3:30	Pawel Danielewicz	danielewicz@nscl.msu.edu	Discussion leader
3:45	Jerzy Lukasik	jerzy.lukasik@ifj.edu.pl	Symmetry Term at High Density from Heavy Ion Collisions
4:30	Bill Lynch	lynch@nscl.msu.edu	Determining the EoS neutron-rich matter
6:00	Group dinner at Piatti , 2695 NE Village Lane, 206.524.9088 http://www.piatti.com/loca10.html		

Friday, August 12

9:45			
10:00	Alan McIntosh	amc82nuke@gmail.com	Flow and Correlations: Recent Experimental Results on the Symmetry Energy and Reaction Dynamics
10:45	Bao-An Li	Bao-An_Li@tamu-commerce.edu	TBA

Revised August 9