



2017 JINA-CEE Frontiers in Nuclear Astrophysics: Junior Researchers Workshop

Sunday Feb 5		Monday Feb 6	
8:00 AM	Registration	8:00 AM	Registration
9:00 AM	Opening remarks	9:00 AM	Morten Hjorth-Jensen: “Introductory computing: How to write good code and why it matters” Adam Jacobs: Advanced computing
	Session 1 (Chair: Chris Sullivan)		
9:15 AM	Stephanie Lyons: “Nuclear astrophysics experiments”		
9:45 AM	Shree Neupane: “Fast timing Detector For Time-of-Flight Mass Measurement”	10:00 AM	Micha Kilburn: Public speaking
10:00 AM	Santosh Gaire: “Time-Of-Flight Mass Measurement at Rare-Isotope Beam Factory, RIBF”		
10:15 AM	Luis Morales: “Performance of the St. George Detector System”		
10:30 AM	Coffee Break	10:30 AM	Coffee Break
	Session 2 (Chair: Konrad Schmidt)	11:00 AM	NSCL Tour
11:00 AM	Alex Dombos: “Total absorption spectroscopy of neutron-rich nuclei around the A=100 mass region”		
11:15 AM	Gwen Gillardy: “Update on ${}^7\text{Li}(\alpha,\gamma){}^{11}\text{B}$ cross section measurement”		
11:30 AM	Tamas Budner: “Plans to constrain the ${}^{30}\text{P}(p,\gamma){}^{31}\text{S}$ thermonuclear reaction rate by measuring the branching ratio of ${}^{31}\text{Cl}$ β -delayed protons”		
11:45 AM	Panagiotis Gastis: “Investigating the role of vp-process: preparations for the measurement of the ${}^{56}\text{Ni}(n,p){}^{56}\text{Co}$ reaction”		
12:00 PM	Lunch	12:00 PM	Lunch
	Session 3 (Chair: Jinmi Yoon)	1:30 PM	Brian O’Shea: Academic job searches MSU Career Center: Non-academic job searches
1:00 PM	Rana Ezzeddine: “Observational astrophysics”		
1:30 PM	Erika Holmbeck: “The Hunt for r-II Stars: Constraining the Early r-Process through High-Resolution Spectroscopic Follow-up on the RAVE Survey”		
1:45 PM	Rachael Merritt: “The thermal state of KS 1731–260 after 14.5 years in quiescence”	2:30 PM	Coffee Break
	Session 4 (Chair: Duane Lee)		
2:00 PM	Benoit Cote: Chemical evolution modeling		
2:30 PM	Rick Sarmento: “Following the pristine gas: Pop III stars and Milky Way CEMP-no stars”	2:30 PM	Coffee Break
2:45 PM	Donald Willcox: “Elucidating the Convective Urca Process in Pre-Supernova White Dwarfs Using Three-Dimensional Simulations”		
3:00 PM	Coffee Break	3:00 PM	Frank Timmes: “On Publishing in the AAS Journals (as an author)”
	Session 5 (Chair: Adam Jacobs)		
3:30 PM	Matt Caplan: “Neutron star structure and theoretical nuclear astrophysics”	4:00 PM	Micha Kilburn: Town Hall
4:00 PM	Alex Deibel: “Late time cooling of neutron star transients”		
4:15 PM	Jacob Elliott: “Sensitivity Study of Reaction Rates in X-Ray Burst Models”		
4:30 PM	Stylianios Nikas: “Impact of level density and gamma strength function parameterizations on Hauser-Feshbach calculations of neutron capture rates”		
4:45 PM	Maria Barrios Sazo: “Compressible hydrodynamics code, Castro”		