



JINA-CEE Frontiers in Nuclear Astrophysics 2018 (May 21 - 25)

Tuesday, May 22		Wednesday, May 23		Thursday, May 24		Friday, May 25	
		8:00 - 9:00	Registration & Coffee	8:00 - 9:00	Registration & Coffee	8:00 - 9:00	Coffee
			Session 1 Chair: Michael Wiescher		Session 4 Chair: William Newton		Session 7 Chair: Evan Scannapieco
		9:00	Opening Remarks	9:00	Vinicius Placco: Observational Constraints on the Origin of the Elements: from First Stars to Neutron-Star Mergers	9:00	Kelly Patton: Neutrinos from Beta Processes in Presupernovae
		9:15	Donald Clayton: At the Crossroads	9:30	Patrick O'Malley: Spectroscopic Strengths of Low-Lying Levels in ^{18}Ne	9:30	Michael Quinonez: Nonlocality of Separable Nucleon-Nucleus Potentials for (d,p) Reaction Calculations
		9:45	Volker Bromm: How Was the Universe Enriched with the First Heavy Chemical Elements?	9:45	Svenja Greif: Constraining the Nuclear Equation of State through the Tidal Deformability of Neutron Stars	9:45	James Kelly: Precision Mass Measurements on Neutron-Rich Rare-Earth Isotopes at JYFLTRAP - Reduced Neutron Pairing and Implications for the r-process Calculations
				10:00	Bingshui Gao: Constraining Electron-Capture Rates in Core-Collapse Supernovae near $N=50$ via the (t, ^3He) Charge-exchange Reaction	10:00	Benjamin Wehmeyer: Inhomogeneous Galactic Chemical Evolution of r-process Elements
		10:15	Kaley Brauer: Metallicity and Mass Distributions of Accreted Dwarf Satellites in Milky Way-Mass Halos	10:15	Farrooh Fattoyev: Neutron Skins and Neutron Stars in the Multi-Messenger Era	10:15	Alexander Ji: A Full Abundance pattern in the r-process Galaxy Reticulum II
		10:30 - 11:00	Coffee Break	10:30 - 11:00	Coffee Break	10:30 - 11:00	Coffee Break
			Session 2 Chair: Stephanie Lyons		Session 5 Chair: Duncan Galloway		Session 8 Chair: Evan Scannapieco
		11:00	Kelly Chippis: Novel Methods for Studying Nucleosynthesis in the Lab	11:00	Arthur Choplin: Nucleosynthesis in Rotating Massive Stars and Abundances of Metal-Poor Stars	11:00	Rebecca Surman: Nuclear Physics and r-process Nucleosynthesis in the Multi-Messenger Era
		11:30	Daniel Robertson: The CASPAR Underground Nuclear Astrophysics Facility, New Results	11:30	Yuri Cavocchi: Type I Bursts Recurrence Time vs Accretion and Spin Rate	11:30 - 12:15	Unconference Summaries
		11:45	Timothy Beers: Galactic Archeology with the AEGIS Survey: the Evolution of Carbon and Iron in the Galactic Halo	11:45	Frank Chambers: Superburst Oscillations		
		12:00	Brent Glassman: β -Delayed γ Decay of ^{20}Mg and the $^{19}\text{Ne}(p,\gamma)^{20}\text{Na}$ Breakout Reaction in Type I X-Ray Bursts	12:00	Alicia Palmisano: Cross Section Measurements of $^{84}\text{Kr}(p,\gamma)^{85}\text{Rb}$	12:15	Closing Remarks
		12:15	Brian Kootte: Advances in Precision Mass Measurements at TITAN	12:15	Adam Jacobs: Motivate Your Beam Time: X-Ray Burst Reaction Rate Sensitivities		End of Conference
		12:30 - 14:00	Lunch Buffet	12:30 - 14:00	Lunch Buffet		
			Session 3 Chair: Alfredo Estrade		Session 6 Chair: Pavel Denisenkov		
		14:00	Alex Zylstra: Studying Nuclear Astrophysics with Laser-Generated High-Energy-Density Plasmas	14:00	Marco Pignatari: Neutron Capture Processes at Work in Stars: A Nuclear Astrophysics Boot Camp		
		14:30	Gwenaelle Gilardy: Studies of $^7\text{Li}(\alpha,\gamma)^{11}\text{B}$ at v-process Energies	14:30	Sara Ayoub: SECAR: The Separator for Capture Reactions in Astrophysics		
		14:45	Gen Chiaki: First Matter Cycle from Population III to Population II Stars	14:45	Sean Couch: Modeling Turbulence-Aided Core-Collapse Supernova Explosions in Spherical Symmetry		
		15:00	Kaitlin Rasmussen: New CEMP Stars Identified in the RAVE Survey	15:00	Stephanie Lyons: $^{69,71}\text{Co}$ β Decay with Total Absorption Spectroscopy		
		15:15	Qian Liu: $^{10}\text{B}(\alpha,n)^{13}\text{N}$ Cross Section Measurement	15:15	Anna Frebel: Discovery of the First Metal-Poor Star with A Combined r- and s-process Element Signature		
		15:30 - 16:00	Coffee Break	15:30 - 17:30	Unconference (Coffee)		
		16:00	Micha Kilburn & Nancy Michael: Scientists Aren't Biased, Right?				
19:00 - 21:30	Special Session JINA-CEE Future Directions	16:30 - 18:00	Poster Session 1 & Reception: 30-sec advertisement per poster, followed by poster presentation (beer/wine & hors d'oeuvre, 1 drink ticket per person, cash bar)	17:30 - 18:30	Poster Session 2 (beer/wine, 1 drink ticket per person, cash bar)		
		18:00	End of Day 1	18:30 - 20:00	Conference Banquet (beer/wine, cash bar only)		