

JINA Horizons Meeting Structure:

Monday, November 30: Junior Workshop and Welcome Reception

Tuesday, December 1 - Friday, December 4: Main Sessions

Meeting Program

All times are US Eastern Time Zone

Monday, November 30

[Junior Workshop Program](#)

15:00 - 16:00	Welcome Reception	Gather.Town
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Tuesday, December 1

Session 1: Anna Frebel (Chair)		
11:00 - 11:15	H. Schatz (MSU): Welcome and Introduction	Plenary Zoom
11:15 - 11:40	A. Spyrou (MSU): Heavy Element Nucleosynthesis and Rare Isotope Beams	Plenary Zoom
11:40 - 11:55	T. Hansen (TAMU): R-process Alliance: Observations of Stellar Abundances	Plenary Zoom
11:55 - 12:10	R. Surman (Notre Dame): R-process Theory and Connection to Nuclear Physics	Plenary Zoom
12:10 - 12:25	Break	Gather Town
Session 2: Christoph Langer (Chair)		
12:25 - 12:40	J. Barnes (Columbia): Kilonovae	Plenary Zoom
12:40 - 12:55	J. Clark (ANL): Ion Traps in Nuclear Astrophysics	Plenary Zoom
12:55 - 13:10	W.J. Ong (LLNL): Accreting Neutron Stars and Nuclear Physics Challenges	Plenary Zoom
13:10 - 13:20	Break	Gather Town

13:20 - 14:00	WG1: Explosive Nucleosynthesis	WG1 Zoom
14:00 - 14:20	Break	Gather Town
14:20 - 15:00	WG4: Thermonuclear Explosions	WG4 Zoom
15:00 - 16:00	Afterglow	Gather. Town

Wednesday, December 2

Session 3. Chair: Andrew Steiner		
11:00 - 11:25	K. Chatziannou (Caltech): Gravitational Waves and Dense Matter	Plenary Zoom
11:25 - 11:40	I. Tews (LANL): Dense Matter Nuclear Theory	Plenary Zoom
11:40 - 11:55	E. O'Connor (Stockholm University): Core collapse Supernova Models and Weak Interactions	Plenary Zoom
11:55 - 12:10	R. Zegers (MSU): Weak Interaction Experiments	Plenary Zoom
12:10 - 12:25	Break	Gather. Town
Session 4. Chair: Sherry Yennello		
12:25 - 12:40	R. Reifarth (Goethe University, Frankfurt): Neutron Facilities and Rings	Plenary Zoom
12:40 - 12:55	R. Trappitsch (Brandeis University): Opportunities with Stardust	Plenary Zoom
12:55 - 13:10	M. Lugaro (Konkoly Observatory): Gender Diversity in Nuclear Astrophysics	Plenary Zoom
13:10 - 13:20	Break	Gather. Town
13:20 - 14:00	WG3: Neutron Stars and Dense Matter	WG3 Zoom
14:00 - 14:20	Break	Gather. Town
14:20 - 15:00	WG5: Centers and Diversity	WG5 Zoom

15:00 - 16:00	Afterglow	Gather.Town
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Thursday, December 3

Session 5. Chair: Carl Brune		
11:00 - 11:25	M. Wiescher (Notre Dame): Stellar Burning and Opportunities with Stable Beams	Plenary Zoom
11:25 - 11:40	R. Farmer (API, University of Amsterdam): Constraints on 12C(a,g) from Merging Binary Black Holes	Plenary Zoom
11:40 - 11:55	A. Champagne (UNC Chapel Hill): Stellar Nuclear Astrophysics	Plenary Zoom
11:55 - 12:10	C. Fryer (LANL): Gamma-ray Observations	Plenary Zoom
12:10 - 12:25	Break	Gather.Town
Session 6. Chair: Francesca Matteucci		
12:25 - 12:40	A. Skuladottir (Max Planck Institute): Dwarf Galaxies and CEMP Stars	Plenary Zoom
12:40 - 12:55	B. Cote (Konkoly Observatory): Chemical Evolution	Plenary Zoom
12:55 - 13:10	R. Izzard (University of Surrey): Population Synthesis	Plenary Zoom
13:10 - 13:20	Break	Gather.Town
13:20 - 14:00	WG2: Stellar Burning	WG2 Zoom
14:00 - 14:10	Break	Gather.Town
14:10 - 14:20	Unconference Preparation	Gather.Town
14:20 - 15:00	Unconference Groups	Gather.Town
15:00 - 16:00	Afterglow	Gather.Town

Friday, December 4

Session 7. Chair: TBD		
11:00 - 11:15	A. Lovell (LANL): Machine Learning in Nuclear Theory for Astrophysics, Fission	Plenary Zoom
11:15 - 12:15	WG1 (Explosive Nucleosynthesis) and WG2 (Stellar Burning)	WG1, WG2 Zoom
12:15 - 12:30	Break	Gather.Town
12:30 - 13:30	WG3 (Dense Matter), WG4(Thermonuclear), WG5 (Centers and Diversity)	WG3, WG4, WG5 Zoom
13:30 - 13:50	Break	Gather.Town
13:50 - 15:00	Summary	Plenary Zoom