



Welcome reception
19h00 - Sunday 25th

Forging Connections From Nuclei to the Cosmic Web

Monday - June 26th		Tuesday - June 27th	
	Registration opens at 8h00		
	Session 1 (Chair: Frank Timmes)		Session 5 (Chair: Jason Tumlinson)
8h40	Opening Speech: Brian O'Shea		
9h00	Joss Bland-Hawthorn* : Near field cosmology: The age of massive stellar surveys	8h50	Lars Mattsson* : The origins and processing of cosmic dust
9h30	Charlie Conroy* : The elemental composition of quiescent galaxies across cosmic time	9h20	Charli Sakari* : Unraveling the chemical evolution of galaxies beyond the Milky Way with integrated light spectroscopy of globular clusters
10h00	Jason Tumlinson* : The circumgalactic medium as a venue for chemical evolution	9h40	Trystyn Berg* : The most metal-rich galaxies after ~3Gyr: Probing chemical evolution with damped Lyman alpha systems
10h30	Coffee Break	10h00	Coffee Break
	Session 2 (Chair: Marco Pignatari)		Session 6 (Chair: Anna Frebel)
11h00	Michael Wiescher* : The physics of nuclear reaction rates	10h30	Amanda Karakas* : Nucleosynthesis and yields from low and intermediate-mass stars
11h30	Alexander Heger* : Nucleosynthesis in massive stars	11h00	Carla Fröhlich* : Nucleosynthesis yields from core-collapse supernovae
12h00	Chris Fryer* : Core-collapse supernova yields under the convective-engine paradigm	11h20	Claudia Travaglio* : Multi-D core-collapse supernovae nucleosynthesis to forge connections to the chemical enrichment of the cosmos
12h30	Lunch at Kellogg	11h40	MacKenzie Warren* : Simulating turbulence-aided core-collapse supernova explosions in spherical symmetry
	Session 3 (Chair: Charlie Conroy)	12h00	Lunch at Kellogg
14h00	Anna Frebel* : The signature of a single prolific r-process event in an ultra-faint dwarf galaxy, and using r-process stars as galactic tracers		Session 7 (Chair: Hendrik Schatz)
14h30	Mohammadtaher Safarzadeh* : Simulating neutron star mergers as r-process sources in ultra-faint dwarf galaxies	13h30	Gerry Gilmore* : Gaia, Gaia-ESO: Some lessons and queries for improved elemental understanding
14h50	Ian Roederer* : The environment of the r-process	14h00	Brad Gibson* : Chemodynamical simulations on cosmological scales
15h10	Adam Jacobs* : Self-consistently exploring X-ray bursts	14h30	Sven Buder* : Forging chemo-dynamic connections in the solar neighborhood based on the Galah survey and Gaia DR1
15h30	Coffee Break	14h50	Group Photo
	Session 4 (Chair: Chris Fryer)		Coffee Break
16h00	Devin Silvia* : Painting a more realistic picture of the circumgalactic medium via simulations of isolated galaxies	15h20	Breakout Session
16h20	Debopam Som* : Global properties of circumgalactic medium at high-redshift: A spectroscopy study of strong Lyman-alpha forest absorbers		
16h40	Daniele Sorini* : Constraining the physics of the circumgalactic medium with Lyman-alpha absorption around galaxies		
		17h00	Poster Session (2 hrs)



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Wednesday - June 28th		Thursday - June 29th	
Session 8 (Chair: Carla Fröhlich)		Session 11 (Chair: Amanda Karakas)	
8h30	Marco Pignatari* : Producing metals in the early universe		
9h00	Kim Venn : High-resolution spectroscopy analyses of metal-poor stars in the CFHT Pristine Survey	9h00	Rongmon Bordoloi* : Forging connections: Mapping the nuclear outflow of the Milky Way seen as the Fermi bubbles
9h20	Rana Ezzeddine : Non-LTE abundance study of the most ultra metal-poor stars in the Galaxy	9h30	Roland Diehl : Gamma-ray spectroscopy of cosmic sources
9h40	Alexander Ji : A homogeneous abundance analysis of stars in ultra-faint dwarf galaxies	9h50	Tyrone Woods : SN Ia archaeology: Searching for the ghosts of progenitors past
10h00	Coffee Break	10h10	Evan Grohs : Neutrino cosmology with nucleosynthesis
Session 9 (Chair: Kim Venn)		10h30	Coffee Break
10h30	Marius Eichler* : Nucleosynthesis of heavy elements: Open questions		Session 12 (Chair: MacKenzie Warren)
11h00	Benjamin Wehmeyer : Inhomogeneous galactic chemical evolution of r-process elements	11h00	Jacqueline Den Hartogh : Impact of rotation and convective boundary mixing in low mass AGB stars
11h20	Duane Lee : Playing your CARDS right: Constraining the origin of r-process elements using <i>one-shot</i> enriching stellar generation models	11h20	Robert Andrassy : 3D hydrodynamic simulations of C ingestion into a convective O shell
11h40	Matthew Caplan : Nuclear pasta in supernovae and neutron star mergers	11h40	Ilka Petermann : On the impact of spatial and temporal resolution on pre-supernova structure
12h00	Lunch at Kellogg	12h00	Joss Bland-Hawthorn* : Conference overview
Session 10 (Chair: Rongmon Bordoloi)		12h30	Closure Speech (End of the Workshop)
13h30	Iris Dillmann* : From the lab to the cosmos: Measuring neutron-rich isotopes at TRIUMF and RIKEN		
14h00	Falk Herwig : Galactic chemical evolution contributions to first-peak elements ($Z=34-42$) from i process in rapidly accreting white dwarfs		
14h20	Coffee Break		
14h50	Breakout Session		
16h30	Breakout Summary (30 min to 1 hr)		
18h30	Workshop Dinner (Michigan Princess Boat)		