

Day 1 Wednesday, June 25		Day 2 Thursday, June 26		Day 3 Friday, June 27	
8:30 - 9:00	Arrival/Registration/Opening remarks	Greet & Meet with remote participants	8:30 - 9:00	Greet & Meet with remote participants	
9:00 - 9:30	Keynote talk by Jim Stone (IAS)	Keynote talk by Lee Hartmann (University of Michigan)	9:00 - 9:20	REMOTE - A Fragment from the Start of Our World by Elizabeth Tasker (JAXA)	
9:30 - 9:50	On the Genesis of Globular Clusters by Bill Harris (McMaster University)	REMOTE - Invited talk by Tom Ray (DIAS)	9:20 - 9:50	Keynote talk by Farzana Meru (University of Warwick)	
9:50 - 10:10	Filamentary Hierarchies and Superbubbles by Rachel Pillsworth (McMaster University)	The Formation of Star Clusters in High-resolution Galaxy Simulations by Tamara Koletic (McMaster University)	9:50 - 10:10	Disk Wind-Driven Formation of the First Planetary Cores by Olcay Goksu (McMaster University)	
9:50 - 10:30	Pseudodisk Wind Launching during the Early Stages of Star Formation by Shantanu Basu (University of Western Ontario)	A More Realistic Interstellar Medium for Galaxy Simulations using Radiative Transfer and Molecular Hydrogen Chemistry by Padraic Odesse (McMaster University)	10:10 - 10:30	Demographics of Giant Planets: Constraints on Formation Theory and System Architectures by Michael Meyer (University of Michigan)	
10:30 - 11:00	Coffee break	Coffee break	10:30 - 11:00	Coffee break	
11:00 - 11:30	Keynote talk by Norman Murray (CITA / University of Toronto)	Keynote talk by Ryan Cloutier (McMaster University)	11:00 - 11:30	Keynote talk by Chris McKee (UC Berkeley)	
11:30 - 11:50	Contributed talk by Jess Speedie (University of Victoria)	Contributed talk by Rene Heller (MPG)	11:30 - 11:50	Star Formation and Magnetic Field Amplification due to Galactic Spirals by Hector Robinson (McMaster University)	
11:50 - 12:10	Magnetospheric accretion in T Tauri stars: what have we learned by Nuria Calvet (University of Michigan)	Lunch (provided)	11:50 - 12:10	Cosmic rays and their role in regulating star formation by Nicholas Owens (McMaster University)	
12:10 - 12:30	Does the McMaster Planet Population Synthesis Model Reproduce the Radius Valley? by Bennett Skinner (McMaster University)	CASCA Business Meeting (Joint screening planned for CASCA members)	12:10 - 12:30	Relativistic Maxwell-Bloch Equations with Applications to Astrophysics by Ningyan Fang (University of Western Ontario)	
12:30 - 13:50	Lunch (provided)		12:30 - 13:50	Lunch (provided) + Group photos	
13:50 - 14:20	Keynote talk by Alexandra Pontefract John Hopkins University/APL)		13:50 - 14:20	Keynote talk by Paul Higgs (McMaster University)	
14:20 - 14:40	Exploring the Origins of Life through Experimentation and Modeling by Ben Pearce (Purdue University)		14:20 - 14:40	Ultra-Precise Super-Earth Masses from NIRPS Reveal Tentative Evidence for Water-Rich Formation by Drew Weisserman (McMaster University)	
14:40 - 15:00	Using Cool Star Chemistry to Decode Planetary Compositiong by Nicole Gromek (McMaster University)		14:40 - 15:00	The characterization of the exoplanet radius valley by Erik Gillis (McMaster University)	
15:00 - 15:30	Coffee break	Coffee break	15:00 - 15:30	Coffee break	
15:30 - 15:50	Molecular cloud-scale vs. Galaxy-scale Star Formation by James Wadsley (McMaster University)	Probing the Birthplaces of Planets by Ezequiel Manzo Martinez (University of Michigan)	15:30 - 15:50	Super giant molecular clouds: from theory to reality by Christine D Wilson (McMaster University)	
15:50 - 16:10	Exploring Star Formation in High-Resolution Simulations of NGC 5055 by Emily Rock (McMaster University)	Superradiance and Subradiance in Astrophysics: Rethinking Light-Matter Interactions by Fereshteh Rajabi (McMaster University)	15:50 - 16:10	Contributed talk by Yasuhiro Hasegawa	
16:10 - 16:30	The contribution of core fragmentation and inspiral on protostellar multiplicity and beyond by Rajika Kuruwita (ITA Heidelberg)	Dicke’s Superradiance in Astrophysical Masers: Modeling Periodic Flaring in G22.356+0.066 and G9.62+0.20E by Toktam Rashidi Shahri (McMaster University)	16:10 - 17:00	Special talk by Ralph Pudritz (McMaster University)	
16:30-16:50	From Pixels to Predictions: AI's Role in Planetary-Scale Geospatial Analysis by Mikhail Klassen	Contributed talk by Rachid Ouyed (University of Calgary)	17:00 - 17:15	Closing remarks	
18:30	Banquet dinner		18:30	Celebration party @ Ralph's house	