RAS Discussion Meeting: "New Eyes on the Cold Universe: Star Formation in the Milky Way and Beyond in the Era of JWST and ALMA"

10th November 2023

Kate Pattle Andy Rigby Leeds	Opening remarks Kinematics and core formation within the centres of infrared-dark clouds
Dave Eden Armagh (Remote)	MAJORS: The first results from W49A
Ant Whitworth Cardiff	The minimum mass for star formation and the origin of JuMBOs
Janet Bowey Cardiff	Carbonates (chalk dust) and ices in stellar nurseries within the Milky Way and beyond
Zac Khan UCL	Magnetic Fields in the Hub-Filament System G34.26+0.15 under HII Region Feedback
Janik Karoly UCLan	Magnetic fields in L43 (title TBC)
Eva Duran Camacho Cardiff Lunch	Self-consistent modelling of the Milky Way using live potentials
	Andy Rigby LeedsDave Eden Armagh (Remote)Ant Whitworth CardiffJanet Bowey CardiffZac Khan UCLJanik Karoly UCLanEva Duran Camacho Cardiff

12:40		
12:45		
12:50		
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13:00		
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13:15		
13:20		
13:25		
13:30	Klaus Pontoppidan	JWST observations of VLA 1623
13:35	Invited Speaker	
13:40	NASA JPL (Remote)	
13:45		
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14:00	Ana Duarte Cabral	Modelling the journey of gas in nearby spiral galaxies
14:05	Cardiff	
14:10		
14:15		
14:20	Elizabeth Watkins	Characterising Superbubble Populations and Their Energetics in Nearby Galaxies Using JWST and ALMA
14:25	Manchester	
14:30		
14:35	Andrew Blain	GRBs and the ISM: Stellar environments to first light on parsec-scales
14:40	Leicester	
14:45		
14:50		
14:55	Helena Faustino Viera	Using dust extinction to trace the star-forming gas in M51
15:00	Cardiff	
15:05		
10.00		

15:10	Kamran Bogue	Differences in the Global Properties of Simulated MHD and HD Galaxies
15:15	Manchester	
15:20		
15:25	Derek Ward-Thompson	Closing Remarks
15:30		