

Day: Monday 15th April							
Start	End	Title			Presenter	Chair	Venue
09:00	09:20	Arrival and Welcome			S. Mohanty	R. Nelson	
Session 1: Formation of Exoplanets							
09:20	09:50	Keynote: Forming Planets: Current Thoughts and Challenges			F. Meru	R. Nelson	
09:50	10:10	Planet Formation in the Context of Stellar Clusters			T. Haworth		
10:10	10:30	Competition between Chemical Processes and Physical Evolution in Discs			R. Booth		
10:30	11:00	Break					
11:00	11:20	Interplay between Dynamics and Chemistry in Planet Formation			J. Ilee	S. Paardekooper	
11:20	11:40	Giant Planet Formation and Evolution: Constraints from the Latest Direct Imaging Surveys			M. Bonavita		
11:40	12:00	Formation of Hot Jupiters through Secular Chaos and Dynamical Tides			J. Teyssandier		
12:00	12:20	Vortices Everywhere: Planets in Low Viscosity Discs			C. McNally		
12:20	12:40	Close-in Super-Earths: The First and Last Stages of Planet Formation in MRI-Accreting Discs			M. Jankovic		
12:40	13:40	Lunch					
Session 2: Interiors of Exoplanets							
13:40	14:10	Keynote: Tracing Volatile Elements from Discs to Planets			O. Shorttle	T. Haworth	
14:10	14:30	Wave Propagation and Tidal Dissipation in Giant Planets			C. Pontin		
14:30	14:50	A Watery Budget Dichotomy of Rocky Protoplanets from 26Al Heating			T. Lichtenberg		
14:50	15:15	Break					
Session 3: Habitability of Exoplanets							
15:15	15:45	Keynote: Finding an Alien Bioshere with Computational Chemistry			C. Sousa-Silva	S. Mohanty	
15:45	16:05	Atmospheric Convection on Tidally-Locked Earth-like Exoplanets			D. Sergeev		
16:05	16:25	Relationship Between Mantle Mineralogy and Climate Stability			L. Lewis		
16:25	16:45	Evolution of Steam Atmosphere for Early Earth with a Coupled Climate-Interior Model			N. Katyal		
16:45	17:15	Poster Talks #1: ~25 * 1 minute talks				J. Owen	
17:15	18:15	Poster Viewing #1					
Day: Tuesday 15th April							
Start	End	Title			Presenter	Chair	Venue
Session 4: Atmospheric Dynamics/Climate on Exoplanets							
09:00	09:30	Keynote: The Climate of Hot Exoplanets with Coupled Fluid Dynamics, Radiative Transfer and Chemistry			B. Drummond	N. Mayne	
09:30	09:50	Wave - Mean Flow Interactions in the Atmospheric Circulation of Tidally Locked Planets			M. Hammond		
09:50	10:10	An Equatorial Jet and Polar Flow on WASP-49b			T. Louden		
10:10	10:30	Atmospheric Circulation of Brown Dwarfs and Directly Imaged Giant Planets			X. Tan		
10:30	11:00	Break					
11:00	11:20	The Effects of Gravity on the Climate and Circulation of a Terrestrial Planet			S. Thomson	J. Barstow	
11:20	11:40	Outgassing and Clouds on Lava Planets: A 55 Cancri e Test Case			G. Lee		
Session 5: Exoplanet Detection							
11:40	12:10	Keynote: Detection. TESS and the Exoplanet Population			D. Armstrong	J. Barstow	
12:10	12:30	Using Solar Observations to Identify a Proxy for RV Variations Induced by Magnetic Activity in Sun-like Stars			R. Haywood		
12:30	13:40	Lunch					
13:40	14:00	A new technique for ultra-precise radial velocity extraction			V.M. Rajpaul	Y. Unruh	
14:00	14:20	Detecting Exoplanets with Convolutional Neural Networks: Application to the Next Generation Transit Survey			L. Raynard		
14:20	14:40	The Next Generation Transit Survey: Discoveries and Activity			O. Turner		
14:40	15:00	The NGTS Young Clusters Program: Understanding the Early Evolution of Stellar and Planetary Systems			E. Gillen		
15:00	15:30	Break					
15:30	15:50	The SPECULOOS transit survey: hunting for red worlds			L. Delrez	C. McNally	
15:50	16:10	First Planets From The Dispersed Matter Planet Project			J. Barnes		
16:10	16:30	An Updated Study of the Ariel Target List			B. Edwards		
16:30	17:00	Poster Talks #2: ~25 * 1 minute talks				J. Owen	
17:00	18:00	Poster Viewing #2					
Day: Wednesday 17th April							
Start	End	Title			Presenter	Chair	Venue
Session 6: Characterisation of Exoplanets							
09:00	09:30	Keynote: Towards JWST: Modelling and Retrieval Strategies for Exoplanet Atmosphere Characterisation			J. Barstow	J. Owen	
09:30	09:50	Directly Detecting the Atmospheres of Irradiated Brown Dwarfs			S. Casewell		
09:50	10:10	The Time Domain for Brown Dwarfs and Directly Imaged Giant Exoplanets: The Power of Variability Monitoring			B. Biller		
10:10	10:30	High-Precision Atmospheric Retrievals of Sub-Stellar Objects			A. Piette		
10:30	11:00	Break					
11:00	11:20	Correcting Transiting Exoplanet Light Curves for Stellar Spots			N. Nikolaou	G. Tinetti	
11:20	11:40	Exoplanet Atmospheric Characterisation at High Spectral Resolutions			R. Webb		
11:40	12:00	New Avenues in Atmospheric Modelling of Exoplanets			S. Gandhi		
12:00	12:10	Twinkle mission					
12:10	13:20	Lunch / Twinkle Discussion					
13:20	13:40	Disentangling the Planet from the Star in Late Type M Dwarfs: A Case Study of TRAPPIST-1g			H. Wakeford	I. Waldmann	
13:40	14:00	Studying the Interior Structure of Highly-Eccentric Hot Jupiters via Deep Imaging with VLT-SPHERE			S. Hinkley		
14:00	14:20	An Absolute Sodium Abundance for a Cloud-free 'Hot Saturn' Exoplanet			N. Nikolov		
14:20	14:40	Molecular Opacities for Hot Rocky Super-Earths			A. Owens		
14:40	15:00	High Resolution Spectroscopy of Exoplanets			S. Yurchenko		