

NEMESIS Meeting 4: Agenda							
Session Name	Talk No	Start Time	End Time	Author	Talk	Location	
Monday 24th June							
NEMESIS		09:30	09:50	Pat Irwin	Welcome & NEMESIS Introduction	Dobson Room	
	1	09:50	10:05	Jingxuan Yang	NemesisPy: A python version of NEMESIS		
	2	10:05	10:15	Joe Penn	Extending NemesisPy to the Solar System		
	3	10:15	10:25	Juan Alday	NemesisPy: Occultations and Solar System		
		10:25	11:00	Coffee Break			
NEMESIS	4	11:00	11:20	Jack Dobinson	Deconvolution algorithms		
Titan	5	11:20	11:40	Conor Nixon	Recent ground and space-based observations of Titan		
	6	11:40	12:00	Lucy Wright	Forward Modelling Low-Spectral-Resolution Cassini/CIRS Observations of Titan		
	7	12:00	12:20	Nick Teanby	Trace gases on Titan with JWST/MIRI		
		12:20	14:00	Lunch			
Exoplanets	8	14:00	14:20	Joanna Barstow	NEMESIS applied to JWST spectra of (ultra) hot Jupiter exoplanets	Dobson Room	
	9	14:20	14:40	Agnibha Banerjee	Atmospheric Retrievals of L 98-59 d using JWST		
	10	14:40	15:00	Jingxuan Yang	Retrievals of Phase Resolved Emission Spectra		
		15:00	15:30	Coffee Break			
Gas/Ice Giants	11	15:30	16:10	Leigh Fletcher	JWST Giant Planets Programme: Where Next?		
	12	16:10	16:30	Jake Harkett	The Thermal Structure and Composition of Jupiter’s Great Red Spot from JWST/MIRI		
	13	16:30	16:40	Charlotte Alexander	Tropospheric Clouds of Jupiter; Reducing Degeneracy, Reducing Complexity		
	14	16:40	17:00	Pat Irwin	Ice Giants and Jupiter-Saturn/MUSE		
Workshop Dinner		19:00	19:30	Drinks			St Anne's College
		19:30	21:30	Dinner			
Tuesday 25th June							
NEMESIS		09:30	09:50	Pat Irwin	Review of Programme	Dobson Room	
		10:00	11:00	Bodleian Library Tour		Weston Library	
		11:00	11:30	Coffee Break		Dobson Room	
Gas/Ice Giants	15	11:30	11:50	Daniel Toledo	Methane Precipitation in the Atmospheres of the Ice Giants		
	16	11:50	12:10	James Sinclair	Non-LTE in giant planet atmospheres		
Terrestrial Planets	17	12:10	12:30	Juan Alday	Using NEMESIS to characterise the Martian atmosphere		
	18	12:30	12:50	Shubham Kulkarni	A search for the near-surface particulate layer using the Venera 13 and 14 spectrophotometric observations		
		12:50	14:00	Lunch		-	
Extra		14:00	15:00	Pat Irwin	Discussion / Future Plans	Dobson Room	
Outing		15:00	18:30	Punting to the Victoria Arms - Weather Permitting		Cherwell Boathouse	