

NEMESIS Meeting 5: Agenda						
Session Name	Talk No	Start Time	End Time	Author	Talk	Location
Monday 29th June						
NEMESIS		9:30	9:45	Pat Irwin	Welcome & NEMESIS Introduction	Dobson Room
	1	9:45	10:00	Juan Alday	Updates on the development of archNEMESIS	
	2	10:00	10:15	Jack Dobinson	Line data manipulation	
	3	10:15	10:30	Shubham Kulkarni	Containerising NEMESIS: A Reproducible Cross-Platform Solution	
	10:30	11:00	Coffee Break			
Titan	4	11:00	11:20	Conor Nixon	Searching for astrobiologically important molecules on Titan	
	5	11:20	11:40	Nick Teanby	Titan from JWST and non-LTE effects on CH ₃ emission	
	6	11:40	12:00	Joshua Ford	Titan's stratospheric water and far-infrared haze: Results from Cassini CIRS FP1 Observations	
	7	12:00	12:20	Lucy Wright	Mapping Titan's N-S Atmospheric Boundary using Cassini/CIRS and archNEMESIS	
	12:20	14:00	Lunch			
Titan	8	14:00	14:20	Zachary McQueen	Infrared Search for Vinyl Cyanide in Titan's South Polar Limb	Hooke Meeting Room
Venus	9	14:20	14:40	Jaime Reyes-Guerrero	Venus atmospheric variability: Bayesian analysis and large-scale retrieval	
	10	14:40	15:00	Shahid Aslam	Compact Ultraviolet to Visible Imaging Spectrometer (CUVIS) - A Tech Demo on the DAVINCI Mission to Venus	
		15:00	15:30	Coffee Break		
Jupiter	11	15:30	15:50	Pat Irwin	"Holistic" Cloud Model for Jupiter?	
	12	15:50	16:10	Mikel Sanchez Arregui	Study of Jupiter's Equatorial Stratospheric Oscillation through the characterization of the temperature field, clouds and aerosols from the troposphere to the stratosphere between 2015-2026	
	13	16:10	16:30	Asier Anguiano Arteaga	Microphysical modelling of Jupiter's Oval BA colour changes and recent Cassini/VIMS-ISS processing	
	14	16:30	16:50	Emma Dahl	Characterizing the Convective Strength of Jovian Meso-Scale Storm Systems with JunoCam	
Workshop Dinner		18:30	19:00	Drinks		St Anne's College
		19:00	21:00	Dinner		
Tuesday 30th June						
NEMESIS		9:30	9:50	Pat Irwin	Review of Programme	Dobson Room
Venus	15	9:50	10:10	Shubham Kulkarni	Comparative analysis of Venera 11, 13, and 14 spectrophotometric data: implications for the near-surface particulate layer	
Exoplanets	16	10:10	10:30	Joanna Barstow	Updates on NEMESISPY for exoplanet science including capturing 3D effects	
		10:00	11:00	Coffee Break		
		11:00	11:30			Dobson Room
		11:30	11:50			
		11:50	12:10			
		12:10	12:30			
		12:30	12:50			
		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