

| NEMESIS Meeting 3: Agenda | | | | | | | |
|---------------------------|---------|------------|----------|---------------------------|--|--------------------------------------|--------------------------------------|
| Session Name | Talk No | Start Time | End Time | Author | Talk | Location | |
| Monday 27th June | | | | | | | |
| NEMESIS | 0 | 9:30 | 9:50 | Pat Irwin | Welcome & NEMESIS Introduction | Simpkins-Lee Room, Beecroft Building | |
| | 1 | 9:50 | 10:10 | Leigh Fletcher | NEMESIS and JWST | | |
| | 2 | 10:10 | 10:30 | Juan Alday, Jingxuan Yang | NemesisPy: A python version of NEMESIS | | |
| | | 10:30 | 11:00 | Coffee Break | | | |
| Ice/Gas Giants | 3 | 11:00 | 11:20 | Pat Irwin | Vis/near-IR Uranus and Neptune Retrievals | | |
| | 4 | 11:20 | 11:40 | Arjuna James | Variability in the Uranian atmosphere: Uranus' northern polar hood | | |
| | 5 | 11:40 | 12:00 | Sarah Loughran | Investigating Ice Giant Winds: Future Work With NEMESIS | | |
| | 6 | 12:00 | 12:20 | Padraig Donnelly | Vortex Statistics in the Saturn DYNAMICO GCM: Manual and Automated Detection | | |
| | | 12:20 | 14:00 | Lunch | | | - |
| Jupiter | 7 | 14:00 | 14:20 | José Ribeiro | Preliminary atmospheric study of Jupiter using ISO/SWS data | | Simpkins-Lee Room, Beecroft Building |
| | 8 | 14:20 | 14:40 | Santiago Perez-Hoyos | Jupiter GRS and surroundings from HST/WFC3 | | |
| | 9 | 14:40 | 15:00 | Jake Harkett | Simulating JWST observations of Jupiter's GRS | | |
| | 10 | 15:00 | 15:20 | Henrik Melin | Modelling Juno JIRAM spectra with NEMESIS | | |
| | | 15:20 | 15:50 | Coffee Break | | | |
| Online Talks | 11 | 15:50 | 16:10 | Naomi Rowe-Gurney | Methyl (CH ₃) Detections in the Spitzer Spectra of Neptune (and Uranus) | | |
| | 12 | 16:10 | 16:30 | James Sinclair | Plans for non-LTE modeling of Jupiter | | |
| | 13 | 16:30 | 16:40 | Emma Dahl | Exploring the Color and Structure of Jupiter's Equatorial Zone Disturbance with NEMESIS | | |
| | 14 | 16:40 | 17:00 | Brendan Steffens | Searching for New C ₄ Hydrocarbons in Titan's Atmosphere With NEMESIS | | |
| Workshop Dinner | | 19:00 | 19:30 | Drinks | | St Anne's College, Oxford | |
| | | 19:30 | 21:30 | Dinner | | | |
| Tuesday 28th June | | | | | | | |
| Exoplanets | 15 | 9:30 | 9:50 | John Lee Grenfell | Atmospheric modeling of Venus and ExoVenuses | Simpkins-Lee Room, Beecroft Building | |
| | 16 | 9:50 | 10:10 | Jo Barstow | Transiting hot and ultrahot Jupiters with NEMESIS | | |
| | 17 | 10:10 | 10:30 | Oliver King | Modelling IR reflectance spectra of Europa and Ganymede | | |
| | | 10:30 | 11:00 | Coffee Break | | | |
| Titan | 18 | 11:00 | 11:20 | Nick Teanby | Modelling low spatial resolution / disc-averaged spectra from Herschel, with future applications to JWST Titan obs (maybe) | | |
| | 19 | 11:20 | 11:40 | Conor Nixon | Planning for Data Analysis of JWST Titan Spectra | | |
| | 20 | 11:40 | 12:00 | Shubham Kulkarni | Retrieval of main cloud structure using Venera 13 and 14 descent probe data | | |
| | | 12:00 | 14:00 | Lunch | | | - |
| Extra | | 14:00 | 15:00 | | Discussion / More Talks | | Simpkins-Lee Room, Beecroft Building |
| | | 15:00 | 15:30 | Coffee Break | | | - |
| Outing | | 15:30 | 18:30 | | !! Punting to the Victoria Arms !! | Cherwell Boathouse | |