**CLARIFY-2017: 1 year on**

**Reed Hall, University of Exeter, EX4 4QR**

**Day 1: October 3rd 2018**

10:00-10:30: **Tea, coffee, biscuits**

10:30-10:45: **Introduction, WP overview** (Haywood)

10:45-11:00: **WP1: Deployment and Delivery overview** (Haywood)

11:00-11:15: **The AEROCLO-sa deployment overview** (MD Mallet)

**WP2: Cloud, aerosol and radiation characterisation** (Coe chair)

11:15-11:30: MD Mallet: Observations of aerosol composition & size distribution in AEROCLO-SA

11:30-11:45: Cotterell: EXSCALABAR: calibration, accuracy and uncertainties

11:45-12:00: Szpek/Langridge: vertical profiles of aerosol extinction & absorption from EXSCALABAR

12:00-12:15: Wu: Aerosol composition measurements and comparison with ORACLES

12:15-12:30: Taylor: Black carbon, mixing state and optical property determination

12:30-13:30: **Lunch**

13:30-13:45: Bower: cloud microphysical measurements during CLARIFY

13:45-14:00: Cui: a cloud case-study

14:00-14:15: De Graaf: Progress with the groundbased UV LIDAR.

14:15-14:30: Barrett: Statistical overview of polluted and clean boundary layers

**WP3: Aerosol Radiation interactions (**Carslaw chair**)**

14:30-14:45: Jones: BBR, SHIMS and SWS: towards radiative closure

14:45-15:00: Peers: SEVIRI above cloud optical depths

15:00-15:15: Chauvigné: Remote sensing studies

15:15-15:30: **Coffee/tea/biscuits**

**WP4: Aerosol Cloud interactions (**Stier chair**)**

15:30-15:45: Abel: Low entrainment rates of overlying biomass burning aerosol into POCs: implications for aerosol-cloud interactions

15:45-16:00: Christensen: Lagrangian POC study

16:00-16:15: Herbert: Semi-direct effects

16:15-16:30: Gordon: UM simulation work

16:30-17:00: *Discussion WP2, WP3 and WP4*

***19:00: Meal at Samuel Jones on Quayside***

**Day 2: 4th October 2018**

**WP5: Regional and global scale integration** (Bellouin chair)

08:30-09:00: Tea, coffee, biscuits

09:00-09:15: Bellouin: Aerosol absorption

09:15-09:30: Ben Johnson: POLDER vs HadGEM3

09:30-09:45: Philip Stier: HadGEM modelling and evaluation

09:45-10:00: Duncan Watson-Parris: AeroCom Aircraft CLARIFY / ORACLES experiment

10:00-10:15: Marc Mallet: Modelling (via SKYPE\*\*)

10:15-10:30: Discussion on WP 5

10:30-10:45: Coffee/tea/biscuits

10:45-12:30: Updates on existing papers (Haywood)

Tying these in with our WP deliverables

Ideas for new papers/missing papers

Discussion of size distributions

Discussion of back-trajectories: optimum modelling framework

12:30-13:30: **Lunch**

13:30:14:00: Forthcoming conferences (AGU, AMS, EGU)

14:00-14:30: Forthcoming meeting in Paris in April 2019

14:00:16:00: Over-run time and AOB

16:00: Close