

# Tri-MIP-athlon

A joint **AerChemMIP / RFMIP / PDRMIP** Workshop in support of CMIP6

## First Announcement

**Please book the dates.** Further details on registration/abstract submission to follow.

**PDRMIP** (Precipitation Driver Response MIP) [www.cicero.uio.no/en/PDRMIP](http://www.cicero.uio.no/en/PDRMIP): understanding of the drivers for precipitation changes, energy budget analysis and extremes related to precipitation.

**RFMIP** (Radiative Forcing MIP) <https://rfmip.leeds.ac.uk/>: assess sources of error and spread in the radiative forcing calculated by state-of-the-art climate models for historical and future climate studies

**AerChemMIP** (Aerosols and Chemistry MIP) <https://wiki.met.no/aerocom/aerchemmip/start>: quantify the climate and air quality impacts of aerosols and chemically-reactive gases



**Dates:** 11-15 June 2018

**Venue:** University of Reading, Reading, UK

**Theme:** New Science opportunities from CMIP6 multi-model forcing response experiments.

**Scope:** The Joint workshop will focus on the use of multi-model experiments to quantify the effective radiative forcing driven by changes in composition and the consequent climate responses. Data from idealised experiments are already available from **PDRMIP**. For the first time in CMIP, forcing data from all the CMIP6 climate models will be generated under the **RFMIP** protocols, and further broken down by forcing component in **RFMIP** and **AerChemMIP**.

### Workshop goals:

- 1) To discuss RFMIP and AerChemMIP experiments and plan analyses
- 2) To discuss the scientific results coming from PDRMIP and related analyses and the potential for new science from CMIP6 on composition, forcing and response.

This workshop will be of interest to all those analysing/planning to analyse model forcing and response. Attendance from modelling centres contributing to RFMIP or AerChemMIP experiments is encouraged

### Workshop Format:

The workshop will run from 09:00 on Monday 11 June and end at 13:00 on Friday 15<sup>th</sup> June. The format will include science presentations (oral and poster), breakout groups, and discussion sessions.

Monday, Tuesday am: PDRMIP introduction; Science presentations; Synthesis and overview  
Tuesday pm, Wednesday: RFMIP/AerChemMIP introduction; Science presentations  
Thursday: RFMIP/AerChemMIP breakout groups on experiments and analyses  
Friday am: RFMIP/AerChemMIP plenary discussion on way forward

**Deadlines:**      **Abstracts**                      **13 April 2018**  
                         **Registration**                      **18 May 2018**

Details on how to register and submit abstracts to follow.

**Scientific Organizing Committee:** Bill Collins (U Reading), Piers Forster (U Leeds), Michaela Hegglin (U Reading), Jean-François Lamarque (NCAR), Gunnar Myhre (CICERO), Robert Pincus (U Colorado), Michael Schulz (Met Norway), Keith Shine (U Reading), Bjorn Stevens (MPI-Meteorology)

**Local Organizing Committee:** Bill Collins, Michaela Hegglin, Keith Shine, Dana Allen