MPI Update

- We have adopted our workflow to the structure of CMIP6, with individual MIPs being led by interested PIs, and a small central team preparing the DECK.

- Scenario MIP will be performed by a consortium, but in the long term we see a greater role for institutions like the weather service in supporting those runs more directed toward an application community.

- At present there is interest (plans to participate) in every MIP, except for AerChem MIP (DLR).

- We will run the DECK with four different models, allowing different MIPs to use the most appropriate model.
  - MPI-ESM1 LR (T63-L47, GR1.5L40). Similar to CMIP5, with improved radiation, aerosol forcing, large and important bug fixes. Most changes in the land-surface model — 35 000 years
  - MPI-ESM1 HR (T127-L95, TP04L40) — 10 000 years
  - MPI-ESM1 XR (T255-L95, TP04L40)
  - MPI-ESM2 (ICON R2B4, similar to T63) — emphasis on the new dynamical core for atmosphere and ocean; much higher vertical resolution, revised boundary layer.

- All MPI-ESM versions are ready to go, modulo input and output specifications. Would very much like to start runs this year. MPI-ESM (75 years a day) will be our workhorse model

- In the process of rethinking the role of CMIP in our intellectual life.