Welcome to the WGCM 18 session
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Short introduction to DLR &IPA
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DLR: German Aerospace Center

- Research Institution
- Space Agency
- Project Management Agency

7700 employees across 32 institutes and facilities at 16 sites.

Research fields:
- Aeronautics
- Space Research and Technology
- Transport
- Energy
The Institute of Atmospheric Physics
130 staff, incl. 30 Ph.D.-students; total budget 14 M€ (30% grants)

- Earth-System Modelling: Sausen
  - EMAC, ICON
- Atmos. trace constituents: Schlager
  - HALO, Falcon
- Remote sensing: Mayer, Meerkötter
  - Meteosat, A-Train, EarthCare Radar
- Transport meteorology: Gerz
  - Weather data for aviation
- Lidar: Ehret
  - Sensor developm. application

Dynamics
Trace gases
Aerosols
Clouds
Transport
Middle atmos
Our activities in the direct context of climate research

- Recently installed group (head V. Eyring) on Earth System Model Evaluation
- Coordinator of one of the German ESMs (EMAC)
- Climate impact of aviation (incl. mitigation strategies)
- Climate impact of the transport system
- PI-function of German/French Greenhouse Gas Satellite MERLIN