

# Dr. Martin G. Schultz

Head of Group **Global Atmospheric Modeling**  
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## Curriculum vitae

since 2010 Habilitation (Meteorology) at University of Hamburg  
since 2006 Group leader Global Atmospheric Modelling, Research Centre Jülich, IEK-8 (formerly ICG-2)  
1999-2006 Scientist, Max Planck Institute for Meteorology, Hamburg 1991 Diplom in Physics, U. Heidelberg  
1997-1999 PostDoc, Harvard University, Cambridge, MA, USA  
1996 PostDoc, ICG-2, FZ Jülich  
1995 PhD U. Wuppertal/ FZ Jülich

2005-2009 Member Scientific Advisory Board "Atmospheric Sciences" of the European Geophysical Society (EGU)  
2003-2006 Coordinator of the EU project RETRO (REanalysis of the TROpospheric chemical composition over the past 40 years)  
2004-2007 Founder and coordinator of the HyCARE (Hydrogen energy: Chances And Risks for the Environment) platform  
since 1997 Reviewer for various international journals (e.g. Science, J. Geophys. Res., Global Biogeochem. Cyc., Atmos. Env., Atmos. Chem. Phys., Global Model Development, Geophys. Res. Lett., IEEE JSTARS) and grant or award proposals (e.g. ESA, Finnish Academy of Science, NERC, ETH-Z, SRON)

## Community activities, honors, awards

since 2013 WCRP/SPARC scientific steering group member  
since 2012 Member Science Advisory Board Global Emissions Inventory Activity (GEIA)  
since 2010 Co-leader of the GEO Air Quality Community of Practice  
since 2009 Member Scientific Advisory Group of Global Atmosphere Watch (GAW) reactive gases  
since 2006 Coordinator of the "Global Reactive Gases" project within the GMES atmospheric service precursors GEMS, MACC, and MACC-II  
2012 Initiator and co-convenor of two workshops "Challenges and Opportunities in Air Pollution and Climate Change" (Pune, India, and Chennai, India)  
2009, 2011 Initiator and co-convenor of two international workshops on tropospheric ozone changes (Boulder, Colorado, and Toulouse, France)  
2006 Contributing author to IPCC 4<sup>th</sup> assessment report, WG 1

## Research fields

- *Chemistry-climate interactions*
- *Global modelling of atmospheric chemical processes*
- *Interoperability of atmospheric data*
- *Biomass burning emissions*

## Teaching

since 2012 Lectureship in Meteorology at University of Bonn  
since 2007 Regular lectures at *Kompaktkurs Atmosphärenchemie* at Research Centre Jülich  
2004 Lecturer at the International Summer School on Atmospheric and Oceanic Sciences (ISSAOS) in L'Aquila, Italy  
2003, 2004 Introductory course in Atmospheric Chemistry at the University of Hamburg