

Atmospheric Chemistry and Physics

Advisory Board Members

Paul J. Crutzen (Chairman)
MPI for Chemistry Mainz, Germany
air@mpch-mainz.mpg.de

Meinrat O. Andreae
MPI for Chemistry Mainz, Germany
andreae@mpch-mainz.mpg.de

Guy P. Brasseur
MPI for Meteorology Hamburg, Germany
brasseur@dkrz.de

Daniel McKenna
NCAR Boulder, USA
danny@acd.ucar.edu

Stuart A. Penkett
UEA Norwich, UK
m.penkett@uea.ac.uk

V. Ram Ramanathan
Scripps Inst. of Oceanography, USA
vramanathan@ucsd.edu

Executive Editors

Ulrich Pöschl (Chief Executive Editor)
MPI for Chemistry Mainz, Germany
poeschl@mpch-mainz.mpg.de

Kenneth S. Carslaw
Univ. Leeds, UK
carslaw@env.leeds.ac.uk

Thomas Koop
Univ. of Bielefeld, Germany
thomas.koop@uni-bielefeld.de

Rolf Sander
MPI for Chemistry Mainz, Germany
sander@mpch-mainz.mpg.de

William T. Sturges
UEA Norwich, UK
w.sturges@uea.ac.uk

Editorial Office

Natascha Otto
Copernicus Publications
c/o Atmospheric Chemistry and Physics
Max-Planck-Str. 13
37191 Katlenburg-Lindau
Germany
Tel.: +49-5556-99555-40
Fax: +49-5556-99555-70
egu.editorial@copernicus.org

Production Office

Nadine Deisel
Copernicus Publications
c/o Atmospheric Chemistry and Physics
Max-Planck-Str. 13
37191 Katlenburg-Lindau
Germany
Tel.: +49-5556-99555-50
Fax: +49-5556-99555-70
egu.production@copernicus.org

www.atmospheric-chemistry-and-physics.net

Editors

J. P. D. Abbatt
Univ. of Toronto, Canada
jabbatt@chem.utoronto.ca

I. Aben
SRON, The Netherlands
i.aben@sron.nl

M. Ammann
PSI Villigen, Switzerland
markus.ammann@psi.ch

W. E. Asher
APL Seattle, USA
asher@apl.washington.edu

G. Ayers
CSIRO Aspendale, Australia
greg.ayers@csiro.au

Y. Balkanski
CEA-LSCE Gif-sur-Yvette, France
yves.balkanski@dsm-mail.cea.fr

U. Baltensperger
PSI Villigen, Switzerland
urs.baltensperger@psi.ch

J. Brandt
NERI Roskilde, Denmark
jbr@dmu.dk

C. A. M. Brenninkmeijer
MPI for Chemistry Mainz, Germany
carlb@mpch-mainz.mpg.de

J. P. Burrows
Univ. of Bremen, Germany
burrows@iup.physik.uni-bremen.de

L. Carpenter
Univ. of York, UK
ljc4@york.ac.uk

R. C. Cohen
Univ. of California, Berkeley, USA
cohen@cchem.berkeley.edu

W. C. Conant
Caltech Pasadena, USA
wconant@caltech.edu

R. A. Cox
Univ. of Cambridge, UK
rac26@cam.ac.uk

J. Crowley
MPI for Chemistry Mainz, Germany
crowley@mpch-mainz.mpg.de

J. Curtius
Univ. of Mainz, Germany
curtius@uni-mainz.de

D. J. Cziczo
ETH Zurich, Switzerland
daniel.cziczo@env.ethz.ch

M. Dameris
DLR Oberpfaffenhofen, Germany
martin.dameris@dlr.de

F. Dentener
JRC Ispra, Italy
frank.dentener@jrc.it

G. Feingold
NOAA/ETL Boulder, USA
Graham.Feingold@noaa.gov

J. Fishman
NASA Langley, USA
jack.fishman@nasa.gov

V. Fomichev
York Univ., Canada
victor@nimbus.yorku.ca

Q. Fu
Univ. of Washington Seattle, USA
qfu@atmos.washington.edu

S. Galmarini
JRC Ispra, Italy
stefano.galmarini@jrc.it

C. George
CNRS Lyon, France
christian.george@univ-lyon1.fr

R. von Glasow
Univ. of East Anglia, UK
r.von-glasow@uea.ac.uk

C. Granier
SA-CNRS Jussieu, France
clg@aero.jussieu.fr

A. Guenther
NCAR Boulder, USA
guenther@ucar.edu

K. Hamilton
Univ. of Hawaii Honolulu, USA
kph@soest.hawaii.edu

P. Hartogh
MPS Katlenburg-Lindau, Germany
hartogh@mps.mpg.de

P. H. Haynes
Univ. of Cambridge, UK
p.h.haynes@damtp.cam.ac.uk

M. Heimann
MPI for Biogeochemistry Jena, Germany
martin.heimann@bgc-jena.mpg.de

T. Hoffmann
Johannes Gutenberg Univ. Mainz,
Germany
t.hoffmann@uni-mainz.de

A. Hofzumahaus
FZ Jülich, Germany
a.hofzumahaus@fz-juelich.de

J. T. Jayne
ARI Billerica, USA
jayne@aerodyne.com

J.-L. Jimenez
Univ. of Colorado, USA
jose.jimenez@colorado.edu

R. L. Jones
Univ. of Cambridge, UK
rlj1001@cam.ac.uk

B. Kärcher
DLR Oberpfaffenhofen, Germany
bernd.kaercher@dlr.de

P. S. Kasibhatla
Duke Univ., USA
psk9@duke.edu

J. Kesselmeier
MPI for Chemistry Mainz, Germany
jks@mpch-mainz.mpg.de

T. W. Kirchstetter
Lawrence Berkeley National Lab., USA
twkirchstetter@lbl.gov

Y. Kondo
Univ. of Tokyo, Japan
kondo@atmos.rcast.u-tokyo.ac.jp

Editors

M. Kulmala

Univ. of Helsinki, Finland
kulmala@pcu.helsinki.fi

A. Laaksonen

Univ. of Kuopio, Finland
ari.laaksonen@uku.fi

A. Lambert

NCAR Boulder, USA
alambert@ucar.edu

M. G. Lawrence

MPI for Chemistry Mainz, Germany
lawrence@mpch-mainz.mpg.de

F.-J. Lübken

IAP Kühlungsborn, Germany
luebken@iap-kborn.de

A. R. MacKenzie

Lancaster Univ., UK
r.mackenzie@lancaster.ac.uk

S. T. Martin

Harvard Univ., USA
scot_martin@harvard.edu

G. McFiggans

Univ. of Manchester, UK
g.mcfiggans@umist.ac.uk

N. Mihalopoulos

Univ. of Crete, Greece
mihalo@chemistry.uoc.gr

S. Mobbs

Univ. of Leeds, UK
stephen@env.leeds.ac.uk

P. S. Monks

Univ. of Leicester, UK
p.s.monks@le.ac.uk

J. G. Murphy

Univ. of Toronto, Canada
jmurphy@chem.utoronto.ca

A. Nenes

EAS Atlanta, USA
nenes@eas.gatech.edu

P. Nightingale

PML Plymouth, UK
pdn@pml.ac.uk

T. Peter

ETH Zürich, Switzerland
thomas.peter@env.ethz.ch

A. Petzold

DLR Oberpfaffenhofen, Germany
andreas.petzold@dlr.de

U. Platt

Univ. of Heidelberg, Germany
ulrich.platt@iup.uni-heidelberg.de

A. A. P. Pszenny

Univ. of New Hampshire
alex.pszenny@unh.edu

J. Quaas

MPI for Meteorology, Germany
johannes.quaas@zmaw.de

S. Quegan

SCEOS Sheffield, UK
s.quegan@sheffield.ac.uk

A. Richter

Univ. of Bremen, Germany
andreas.richter@iup.physik.uni-bremen.de

G. Roberts

Scripps Inst. for Oceanography, USA
greg@fiji.ucsd.edu

T. Röckmann

Univ. of Utrecht, The Netherlands
t.roeckmann@phys.uu.nl

Y. Rudich

Weizmann Inst., Israel
yinon.rudich@weizmann.ac.il

U. Schurath

FZ Karlsruhe, Germany
schurath@imk.fzk.de

A. Stohl

NILU Kjeller, Norway
ast@nilu.no

J. Ström

Stockholm Univ., Sweden
johan@itm.su.se

J. Thornton

Univ. of Washington, Seattle, USA
thornton@atmos.washington.edu

M. Van Roozendael

Belgian Inst. for Space Aeronomy,
Belgium
michelv@oma.de

G. Vaughan

Univ. of Manchester, UK
geraint.vaughan@manchester.ac.uk

R. Vautard

CEA-LSCE Gif-sur-Yvette, France
robert.vautard@cea.fr

M. M. Verstraete

JRC Ispra, Italy
michel.verstraete@jrc.it

R. M. Volkamer

UCSD La Jolla, USA
rainer@ucsd.edu

A. Volz-Thomas

FZ Jülich, Germany
a.volz-thomas@fz-juelich.de

T. Wagner

Univ. Heidelberg, Germany
thomas.wagner@iup.uni-heidelberg.de

W. Ward

Univ. of New Brunswick, Canada
ward@unb.ca

H. Wernli

Univ. of Mainz, Germany
wernli@uni-mainz.de

J. Williams

MPI for Chemistry Mainz, Germany
williams@mpch-mainz.mpg.de

D. R. Worsnop

ARI Billerica, USA
worsnop@aerodyne.com

N. Yoshida

TITECH Tokyo, Japan
naoyoshi@depe.titech.ac.jp