

## Alfred Wiedensohler

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### **Professor Dr. Alfred Wiedensohler**

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Tropospheric Research  
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### **Function**

Group Leader Calibration Centre

### **Department**

Department Experimental Aerosol & Cloud Microphysics

Alfred Wiedensohler studied electrical engineering at the University Duisburg, Germany, and received his Diploma July 1983. From October 1983 until April 1989, he has employed as PhD student in the research group Process and Aerosol Measurement Technology at the University Duisburg and received his PhD in electrical engineering June 1989.

May 1989, he joined the Department of Nuclear Physics at the Lund University, Sweden as research scientist and later as Assistant Professor.

Since January 1994, he works as senior scientist at the Leibniz Institute for Tropospheric Research, Leipzig Germany and leads currently the Department "Experimental Aerosol and Cloud Microphysics".

In January 1996, he received the associate professorship and since May 2005, he is Professor at Institute for Meteorology, Faculty of Physics and Geo-Science, University of Leipzig.

In December 2004, he received for three years the award of a Guest Professor at the College of Environmental Science and Technology of the Peking University, Beijing, China.

Since October 2018, he is adjunct professor at the Fudan University Shanghai, China.

He is head of the World Calibration Centre for Aerosol Physical (WCCAP) of the WMO (World Meteorological Organization) in the frame of the Global Atmosphere Watch

Programme (GAW) and the European Center for Aerosol Calibration (ECAC) in the frame of the European Research Infrastructure ACTRIS.

He was Editor-In-Chief of the journal "Atmospheric Environment" from 2013 to 2018. He received the award "Highly Cited Researcher" from Thomson Reuters 2014, 2015, 2016 and 2017.

In 2014, he received the "Hagen-Smit" award from the Journal Atmospheric Environment.

He is author or co-author of more than 390 peer-reviewed publications in the field of aerosol and natural science. His research is presently focused on the physical characterization, process studies, and the climatology of atmospheric aerosols as well as on the development of new scientific instrumentation.

### Teaching:

Professor at the Institute for Meteorology at the University of Leipzig

International Aerosol Training Courses in the frame of the World Calibration Center for Aerosol Physics

### Memberships:

- Head of the WMO-GAW "World Calibration Center for Aerosol Physics"
- Member of the Scientific Advisory Committee of ACTRIS
- Associate Editor "Atmospheric Measurement Techniques"
- Member of CEN/TC 264/WG 32: Working group Air quality - Determination of the particle number concentration
- Member of the VDI working group "Messen von Partikeln in der Außenluft - Bestimmung der Partikelanzahl"

Oct. 1983 - April 1989	Ph.D. student at the Institute of Process and Aerosol Measurement
June 1989	Ph.D. in electrical engineering at the University Duisburg, Germany
May 1989 - June 1992	Research Scientist at the Department of Nuclear Physics, at the University of Lund, Sweden
July 1992 - Dec. 1993	Assistant Professor at the Department of Nuclear Physics, at the University of Lund, Sweden
Jan. 1994	Head of the "Aerosol Group" at the Leibniz-Institute for Tropospheric Research, Leipzig, Germany
Jan. 1996- April 2005	Associate Professor at the Institute for Meteorology at the University of Leipzig, Germany
Since Jan. 2002	Head of World Calibration Centre for Aerosol Physics (WCCAP) of the WMO (World Meteorological Organization) in the frame of the Global Atmosphere Watch program (GAW)
From Dec. 2004 to Dec. 2007	Guest Professor at the College of Environmental Science, Peking University, China
Since May 2005	Professor at the Institute for Meteorology, Faculty of Physics and Geo- Science, University of Leipzig, Germany
Since Jan. 2013	Head of the "Aerosol and Cloud" Department
Jan. 2013 - Dec. 2018	Editor-In-Chief Atmospheric Environment
Since 2015	Head of the European Center for Aerosol Calibration (ECAC) in the frame of the European Research Infrastructure ACTRIS
Since Oct. 2018	Adjunct professor at the University of Fudan

### Publications

Author or co-author of more than 390 peer-reviewed publications in the field of aerosol and natural science (due to Juli 2019)

all Publications

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