

Prof. Dr. Ulrich Löhnert

CONTACT

Address	Institute for Geophysics and Meteorology, University of Cologne, Pohligstraße 3, 50969 Köln, Tel.: +49 221 470 1779
Email	ulrich.loehnert@uni-koeln.de
Web	https://www.geomet.uni-koeln.de/loehnert.html https://orcid.org/0000-0002-9023-0269

UNIVERSITY QUALIFICATION

2020	Appointment to APL ("außerplanmäßig" = extraordinary) professorship at Faculty for Natural Sciences, University of Cologne
2012	Habilitation at Faculty for Natural Sciences, University of Cologne: "Ground-based remote sensing for weather research and forecasting"
2003	PhD degree, University of Bonn: "Derivation of cloud liquid water from ground-based active and passive microwave remote sensors"
1998	Diploma in Meteorology, Thesis: „Bestimmung von Gesamtwasserdampf und Gesamtwolkenwasser anhand von PAMIR-Messungen in Bonn“

PROFESSIONAL CAREER

2020-today	APL professor (Akademischer Oberrat) at University of Cologne
2007-2020	Associate professor (Akademischer Rat/Oberrat) at University of Cologne
2006-2007	Senior scientist at Institute for Geophysics and Meteorology, University of Cologne
2004-2006	Assistant professor (C1) at Meteorological Institute, Ludwig-Maximilians-University Munich
2001-2004	Post-Doc at Meteorological Institute, University of Bonn

RESEARCH FOCUS

Ground-based remote sensing of the atmosphere

- Infrastructural development, retrieval algorithm development (Inverse Methods)
- Atmospheric process studies
- Impact on weather forecasts and reanalysis

SELECTED RESEARCH BODIES

DAOS (2017 – today)	WWRP working group "Data Assimilation and Observing Systems" (DAOS), since 2018 co-chair
PROBE (2019 – today)	Management Committee und WG co-chair EU COST-action ES18235 PROBE: "PROfiling the atmospheric Boundary layer on the European scale"