

CURRICULUM VITAE 8/2016

MICHAEL KAHNERT

Swedish Meteorological and Hydrological Institute, Research Department
and
Chalmers University of Technology, Department of Earth and Space Science

HIGHER EDUCATION QUALIFICATION

- 1994: **Master of science (*Diplom*) in physics**, Freie Universität Berlin (Germany)

DOCTORAL DEGREE

- 1998: **PhD in physics**, University of Alaska Fairbanks (USA).
- Thesis title: Single and multiple electromagnetic scattering by size-shape distributions of small nonspherical particles.

POSTDOCTORAL VISITS

- 1998-1999: **University of Rochester (USA)**, Rochester Theory Center for Optical Science and Engineering.
- 2000-2002: **University of Bergen (Norway)**, Physics Department.

SENIOR LECTURER EXPERTISE

- 2010: **Habilitation / *venia legendi (docentkompetens)***, Chalmers University of Technology, Department of Earth and Space Science, Gothenburg, Sweden

PRESENT POSITION

- **Adjunct professor** (20 %)
Chalmers University of Technology, Department of Earth and Space Science,
Gothenburg, Sweden
- **Research leader**
Swedish Meteorological and Hydrological Institute (SMHI), Research Dept.
Norrköping, Sweden

PREVIOUS POSITIONS

- **Research scientist:** Norwegian Institute for Air Research (NILU), Kjeller, Norway
Length of appointment: 2002-2004

SUPERVISION

- **Main supervisor** for one PhD student, Co-supervision of four PhD and two master students.

JOURNAL EDITOR

- **Editor** (2014-present) for *Scientific Reports* (Nature Publishing Group)
- **Guest editor** (2013) for *Journal of Quantitative Spectroscopy and Radiative Transfer*, Special issue “Peter Waterman and his scientific legacy”
- **Associate editor** (2007-present) for the *Journal of Quantitative Spectroscopy and Radiative Transfer* (Elsevier).
- **Topical editor** (2006-2012) for *Applied Optics* (Optical Society of America).

SPECIAL COMMISSIONS

- **Expert reviewer** for the German Research Foundation (www.dfg.de) and for Springer Verlag (www.springer.com).
- **Member of award committee** (2011–2015) Elsevier *van de Hulst Light-Scattering Award for Landmark Life-time Achievements*
- **Opponent at PhD and habilitation defences** (2011-2015).

AWARDS AND DISTINCTIONS

- **Milestone paper award** (2010), Elsevier award for the 50-year anniversary issue of *Journal of Quantitative Spectroscopy and Radiative Transfer*.
- **Scholarship holder** (1990-1993) of the *German National Academic Foundation* (www.studienstiftung.de).

RESEARCH GRANTS

Research grants received by the Swedish Research Council (*Vetenskapsrådet*), VINNOVA, Formas, Swedish National Space Board, Swedish Environmental Protection Agency (*Naturvårdsverket*), EU, ESA, Norwegian Research Council (*Norsk forskningsråd*), and Nordic Council of Ministers. Principal investigator in five projects, work-package leader in additional five projects.