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May 4, 1961, male

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tenured professor (W3)

University training and degree

1980–1986 Chemistry, Ludwig-Maximilians-Universität München, Diplom, Prof. Dr. G. Ertl

Advanced academic qualifications

1996 Habilitation: „Die Mikrokinetik der Ammoniak-Synthese mit Ruthenium-Katalysatoren“, Technische Chemie (Industrial Chemistry), TU Berlin, Prof. Dr. G. Ertl

1986 Doctorate: “Charakterisierung von kaliumpromotierten Eisenoxidkatalysatoren für die Styrolsynthese”, FU Berlin, Prof. Dr. G. Ertl

Postgraduate professional career

since 1996 Tenured professor (W3), Ruhr-Universität Bochum, Fakultät für Chemie und Biochemie, Lehrstuhl für Technische Chemie

1991–1996 Group leader “Heterogeneous Catalysis” / postdoctoral researcher, Max Planck Society / Fritz Haber Institute, Department of Physical Chemistry, Berlin

1989–1991 Postdoctoral researcher / Haldor Topsøe A/S, Denmark

Other

Since 2018 Vice-Spokesperson of the collaborative research center (SFB) TRR247: Heterogeneous Oxidation Catalysis in the liquid phase

Since 2018 Vice-Spokesperson of the collaborative research center (SFB) 1316: Transient Atmospheric Plasmas - from plasmas to liquids to solids

Since 2015 Max Planck Fellowship at the MPI for Chemical Energy Conversion

Since 2016 Member of the Academics project “Energy Systems of the Future” (ESYS)

Since 2016 Member of the advisory board for the Power-to-X (P2X) Copernicus project

2014–2018 Chairman of the German Catalysis Society (GeCatS)

Since 2014 Member of “the international advisory board of the State Key Laboratory of Catalysis” in Dalian, China

Since 2009 Member of the Academic Advisory Board of the German Chemical Industry Fund (FCI)

- 2009–2012 Spokesperson of the collaborative research center (SFB) 558 "Metal-substrate interactions in heterogeneous catalysis" funded by DFG
- 2004–2012 Elected referee of the German Research Foundation (DFG) for Industrial Chemistry (Technische Chemie)
- 2009–2016 Member of the International Advisory Board of ChemCatChem (Heterogeneous, Homogeneous, and Biocatalysis)
- 2008–2019 Member of the International Advisory Board of ChemSusChem (Chemistry & Sustainability, Energy & Materials)