

**Curriculum Vitae**

Department Chemie  
Ludwig-Maximilians-Universität München  
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**ACADEMIC CAREER**

- since 2002* Professor (C3) of Physical Chemistry, Department Chemie, Ludwig-Maximilians-Universität, Munich, Germany
- 1998 - 2002* Privatdozent of Physical Chemistry, Mathematisch-Naturwissenschaftliche Fakultät I, Humboldt-Universität, Berlin, Germany
- 1998* Habilitation for Physical Chemistry, Humboldt-Universität, Berlin, Germany
- 1992 - 2002* Staff scientist, Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, Germany
- 1991 - 1992* Postdoctoral Fellowship, IBM T. J. Watson Research Center, Yorktown Heights, NY, U.S.A.
- 1989 - 1991* Research associate, Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, Germany

**EDUCATION**

- 1989* Ph.D. in Chemistry (*summa cum laude*), Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, and Freie Universität Berlin, Germany  
Advisors: Prof. Dr. G. Ertl and Prof. Dr. R. J. Behm
- 1985* Diplom in Chemistry, Ludwig-Maximilians-Universität, Munich, Germany

**RESEARCH**

- Main fields Physical Chemistry, solid surfaces, heterogenous catalysis, scanning tunneling microscopy
- Specific topics Surface reactions on the atomic scale; development of STM techniques for elevated temperatures, high pressures, and for high speed; kinetics and dynamics of surface processes; STM of model catalysts under industrial reaction conditions.
- Current projects High-pressure STM of the Fischer-Tropsch reaction; high-speed STM of surface diffusion of adsorbed particles.