



## Curriculum Vitae Dr. Markus Drees

### Personal Details

---

born: Dec 15 1975 in Munich (Germany)  
Citizenship: German  
Profession: Chemist (Diploma), Dr. rer. nat. / Ph.D.

### Certificates

---

Oct 2006: Doctorate graduation (magna cum laude - 1,3 – very good)  
University of Technology Dresden, Germany

Dec 2001: Graduation as Chemist (Diploma) / M.Sc. (Grade: 2,3 - good)  
University of Technology Munich, Germany

Jun 1995: University-Entrance Diploma (German Abitur - grade: 2,1 - good)  
Gymnasium München/Moosach, Munich, Germany

### Course of Studies

---

Nov 1996 – Dec 2001: Studies of Chemistry University of Technology Munich, Germany  
Focus:  
- Theoretical Chemistry and Spectroscopy  
- Inorganic Chemistry

Title of the diploma thesis: „Theoretical investigations for the reaction of chromyl chloride with alkenes and for the stereo selective synthesis of Naproxen(R)” (grade 1,6 - good)

### Doctoral Research Phase

---

Jan 2002 – Mar 2004: Doctorate student, Chair for Inorganic Chemistry, University of Technology Munich, Germany (advisors: Prof. W. A. Herrmann, Lecturer. Dr. T. Straßner)

Apr 2004 – Oct 2006: Doctorate student, Chair for Physical Organic Chemistry, University of Technology Dresden, Germany (advisor: Prof. T. Straßner)  
Thesis Title: „DFT calculations on the C-H, C-C, Si-H activation and on the oxygen atom transfer mediated by metal-oxo compounds“  
Further duties: Teaching, network administration, web design, administration of Linux and Windows computer systems

### Postdoctoral Career

---

Oct 2006 – May 2007: scientific coworker, Chair for Physical Organic Chemistry, University of Technology Dresden, Germany

- June 2007 – Dec 2013 Coordinator (Postdoc) international graduate school NANOCAT (Bavarian Network of Excellence), Chair of Inorganic Chemistry, TU Munich, Germany  
Project Team Leader, IGSSE (Intern. Graduate School of Science and Technology, TUM)
- Mar 2010 – present Managing director of the faculty graduate school of chemistry, TU Munich (until 2013 as coworker of the Chair of Inorganic Chemistry, since 2014 as coworker of the department)
- May 2010 – present Secretary of the Examination Board for the study programme Chemistry B.Sc.

---

### International Experience

- Sep 2002 – Oct 2002 Research visit, UCLA (USA) at the group of Prof. M. M. Abu-Omar  
Goal: Collaboration in a joint experimental and computational project (oxygen atom transfer)

---

### Alternative Civilian Service

- Jul 1995 – Jul 1996 Bavarian Red Cross, District Munich, Ambulance driver, paramedic

---

### Additional part-time work

- Aug 1996 - Sep 1998 Part-time paramedic, Bavarian Red Cross, Munich
- Oct 1998 - Nov 1999 Student coworker gsf (Helmholtz Society), Institute for Immunology, Munich-Neuherberg, Germany  
Preparatory work for Introduction of a computationally assisted storage possibility of human blood samples and support in the care of mobile air pollution monitoring sites
- Nov 1999 - Mar 2001 Student coworker (Chair for Theoretical Chemistry, University of Technology Munich: Supervision of student exercises in "Mathematics for Chemists")

---

### Voluntary work

- Dec 2001 - Dec 2003 & Sep 2013 - present President of the club "Friends of the 1860-Stadium e.V." in Munich - social engaged club for the preservation of the time-honored soccer stadium and to help socially unprivileged people in the neighborhood of the stadium
- Feb 2009 – Sep 2013 Member of the board of the club "Friends of the 1860-Stadium e.V."
- July 2015 - Member of the advisory board of TSV München von 1860 e.V. (since 12/2016: chairman of the board)

---

### Interests and Hobbies

Hiking, internet, computer simulations, soccer / football, squash, politics