

## Education and professional experience

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|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1989-1995     | Studies in Physics at University of Karlsruhe, now Karlsruhe Institute of Technology (KIT)                                                                                                                                                    |
| 1999          | Doctoral degree in Chemistry (Dr. rer. nat), University of Karlsruhe (Lehrstuhl für Theoretische Chemie, Prof. Reinhart Ahlrichs)<br><br><i>Thesis: RI-Methods in MP2 perturbation theory: theory, implementation and application</i>         |
| 1999-2020     | Scientific employee at the Institute of Nanotechnology at the Research center Karlsruhe, now KIT                                                                                                                                              |
| 2007          | Habilitation (Dr. rer. nat. habil) and Venia Legendi (Priv. Doz.) in Theoretical Chemistry, University of Karlsruhe<br><br><i>Thesis: Density functional calculations at metal clusters: Models, applications and technical prerequisites</i> |
| since 2007    | Member and CEO of TURBOMOLE GmbH (founded 2007)                                                                                                                                                                                               |
| 2016-2020     | Group leader at the Institute of Nanotechnology at KIT                                                                                                                                                                                        |
| since 04/2020 | Head of the Unit of applied quantum chemistry at Philipps-Universität Marburg                                                                                                                                                                 |
| 02/2021       | Extraordinary professorship at Philipps-Universität Marburg                                                                                                                                                                                   |