

Benedikt M. Flöser

Dr. rer. nat.

Wallstraße 10-12
45468 Mülheim a.d. Ruhr
☎ +49 (0)174 4013271
✉ bfloeser@posteo.de
🌐 www.bfloeser.de
📍 DockDE
* 21st September 1989

Work Experience

- 05/2020–
current **Postdoc**, *Max-Planck-Institute for Chemical Energy Conversion*, Mülheim a.d. Ruhr, Working Group: Prof. Serena DeBeer.
- Quantum chemical studies of geometric/electronic structure, and properties of enzymatic systems and model systems thereof
 - Cooperative planning of theoretical and experimental studies
 - Coordination, exchange and discussion with international collaborators
 - Participation in intra and interinstitutional symposiums and presentation of results
- 10/2014–
04/2020 **Graduate Student**, *Christian-Albrechts-Universität*, Kiel, Working Group: Prof. Felix Tuczek.
- Synthesis and spectroscopic characterization of ligands and transition metal complexes.
 - Quantum chemical studies of geometric and electronic structure, calculation of spectra, comparison with experimental results.
 - Organization and execution of interdisciplinary cooperations with internal and external institutes.
 - Writing and publishing articles for scientific journals, solo and in collaboration.
 - Instruction of coworkers in conducting quantum chemical calculations.
 - Organization and supervision of practical lab courses for students.

Education

- 10/2014–
04/2020 **Dissertation (Dr. rer. nat.): Chemistry**, *Christian-Albrechts-Universität*, Kiel, Supervisor: Prof. Felix Tuczek, Title: Quantum Chemical Investigation of Functional Molecules.
Grade: *Magna cum laude*
- 10/2012–
09/2014 **Master of Science (M.Sc.): Chemistry**, *Christian-Albrechts-Universität*, Kiel, Focus: Inorganic and Quantum Chemistry.
Grade: 1.6
- 10/2009–
09/2012 **Bachelor of Science (B.Sc.): Chemistry**, *Christian-Albrechts-Universität*, Kiel, Focus: Inorganic Chemistry.
Grade: 1.8
- 06/2009 **Abitur**, *Hansa Gymnasium*, Hamburg.
Grade: 1.6

Programming

Rust, Python	Intermediate
bash	Basic
HTML5, CSS	Basic
Java, Go, SQL	Basic

Languages and Other Skills

German	Native
English	Fluent
Französisch	Basic
Spanisch	Basic
Technologies	Git, Docker, Server Administration
Operating Systems	GNU/Linux, MS Windows
Office	LaTeX, Markdown, LibreOffice, MS Office

Trainings and Additional Experiences

01/2019	Training: Team work & Leadership in academia , <i>Christian-Albrechts-Universität</i> , Kiel, Dr. Jacqueline von Saldern.
12/2016	Training: Project- & Time Management in Science , <i>Christian-Albrechts-Universität</i> , Kiel, Dr. Simon Golin.
09/2016– 04/2018	Leading of local church group , <i>Freie evangelische Gemeinde</i> , Kiel, Germany.