

Curriculum Vitae

PERSONAL DATES

Name: Hannah Kurz
Nationality: German
Address: Inorganic Chemistry IV
University of Bayreuth
Universitätsstraße 30
95447 Bayreuth
Mail: hannah.kurz@uni-bayreuth.de
Phone: +49921-552555



EDUCATION AND CAREER

since 12/2024: Junior Professor at the University of Bayreuth (Germany)
07/2022-08/2024: Postdoctoral Research Fellow in the workgroup of Prof. Dr. Nitschke at University of Cambridge (United Kingdom)
11/2021 – 05/2022: Research Assistant in the workgroup of Prof. Dr. Birgit Weber (Inorganic Chemistry IV) at the University of Bayreuth
11/2017 – 10/2021: PhD student in the workgroup of Prof. Dr. Birgit Weber (Inorganic Chemistry IV) at the University of Bayreuth
Dissertation: *Fluorescent Sensor Materials based on 3d Transition Metal Complexes* (Defence 04/2022; *summa cum laude*)
10/2015 – 09/2017: Master studies of Materials Chemistry and Catalysis at the University of Bayreuth; Grade: 1.1
Master Thesis (Prof. Weber): Synthesis and Characterization of Fluorescent Phenazine-based Complexes (1.0)
10/2012 – 09/2015: Bachelor studies of Chemistry at the University of Bayreuth; Grade: 1.2
Bachelor Thesis (Prof. Weber): Synthesis, Characterisation, and Analysis of the Optical Properties of Bimetallic Ru-Ni/Cu/Zn Complexes (1.0)
2012: Abitur (GCE A-levels) at the Schubart-Gymnasium Aalen; Grade: 1.1

ADDITIONAL QUALIFICATION

09/2021: Certificate for Teaching in Higher Education of the Bavarian Universities (Basic Level), Fortbildungszentrum Hochschullehre
04/2020 – 07/2021: CoMento (Coaching and Mentoring for Women in Academia) at the University of Bayreuth
10/2015 – 03/2021: Elite Study Program Macromolecular Science within the Elite Network of Bavaria; Grade 1.3

AWARDS AND FELLOWSHIPS

since 01/2023: Junior Research Fellowship at Wolfson College, Cambridge
11/2022: Kulturpreis Bayern (Bavarian Culture Award) for the PhD Thesis

- 09/2022 – 08/2024: Feodor-Lynen Research Fellowship of the Alexander von Humboldt Foundation and Isaac Newton Trust Fellowship
- 09/2018 – 08/2020: Kekulé-Fellowship for PhD candidates of the “Fonds der Chemischen Industrie” (FCI)
- 07/2018: Poster prize at the *International Conference on Coordination Chemistry* (ICCC) in Sendai, Japan
- 07/2018: Prize for best Master’s degree “Materialchemie und Katalyse” 2017, University of Bayreuth
- 10/2016 – 02/2017: Research Internship with an Erasmus Scholarship in the workgroup of Prof. Dr. Grace Morgan at the University College Dublin (UCD), Ireland
-

TALKS

- 11/2024: Alexander von Humboldt Network Meeting in Erlangen, Germany
- 07/2024: Symposium “Spin State and Light” in Jena, Germany (Invited talk)
- 01/2024: Early Career Researcher Talk at Wolfson College, Cambridge, UK
- 04/2023: Alexander von Humboldt Network Meeting in Mainz, Germany
- 12/2022: Online lecture series of the Young Wöhler Association (Invited talk)
- 09/2021: *2B Switch Symposium* virtual symposium (Invited talk)
- 07/2021: *International Conference on Photochemistry* virtual conference
- 12/2019: Fellow meeting of the “Fonds der Chemischen Industrie” (FCI) in Munich, Germany
-

POSTERS

- 02/2024: *Suprachem* Conference in Ulm, Germany
- 12/2023: *Macrocyclic and Supramolecular Chemistry* (MASC) Meeting in Birmingham, United Kingdom (with flash talk)
- 12/2022: *Macrocyclic and Supramolecular Chemistry* (MASC) Meeting in Nottingham, United Kingdom
- 09/2020: *27th Lecture Conference on Photochemistry* virtual conference
- 09/2020: *BOOK-D* virtual conference (with flash talk)
- 03/2020: *Koordinationschemie-Treffen* in Freiburg, Germany
- 07/2018: *International Conference on Coordination Chemistry* (ICCC) in Sendai, Japan
- 04/2018: *ECOSTbio* in Berlin, Germany
- 03/2018: *Koordinationschemie-Treffen* in Heidelberg, Germany
- 12/2017: *ECOSTbio* in Dublin, Ireland
-

LIST OF PUBLICATIONS

- H. Kurz, P. C. P. Teeuwen, T. K. Ronson, J. B. Hoffman, P. Pracht, D. J. Wales, J. R. Nitschke, *JACS*, **2024**, 146 (45), 30958-30965. [10.1021/jacs.4c09742](https://doi.org/10.1021/jacs.4c09742)
- J. T. F. Dobson, H. Kurz, J. R. Nitschke*, *Chem* (Preview), **2024**, 10, 1038-1040. [10.1016/j.chempr.2024.03.006](https://doi.org/10.1016/j.chempr.2024.03.006)
- H. Kurz, C. Hils, J. Timm, G. Hörner, A. Greiner, R. Marschall, H. Schmalz, B. Weber*, *Angew. Chem.*, **2022**, e202117570. [10.1002/ange.202117570](https://doi.org/10.1002/ange.202117570)

H. Kurz, C. Hils, J. Timm, G. Hörner, A. Greiner, R. Marschall, H. Schmalz, B. Weber*, *Angew. Chem. Int. Ed.*, **2022**, e202117570. [10.1002/anie.202117570](https://doi.org/10.1002/anie.202117570)

T. K. Ekanayaka, H. Kurz, K. A. McElveen, G. Hao, E. Mishra, A. T. N'Diaye, R. Y. Lai, B. Weber, P. A. Dowben*, *Phys. Chem. Chem. Phys.*, **2022**, 24, 883–894. [10.1039/D1CP04243B](https://doi.org/10.1039/D1CP04243B)

H. Kurz, G. Hörner, O. Weser, G. Li Manni, B. Weber, *Chem. Eur. J.*, **2021**, 27, 15159–15171. [10.1002/chem.202102086](https://doi.org/10.1002/chem.202102086)

C. Simon, A. Blösser, M. Eckardt, H. Kurz, B. Weber, M. Zobel, R. Marschall, *Z. Anorg. Allg. Chem.*, **2021**, 647, 2061–2072. [10.1002/zaac.202100190](https://doi.org/10.1002/zaac.202100190)

C. Simon, M. B. Zakaria, H. Kurz, D. Tetzlaff, A. Blösser, M. Weiss, J. Timm, B. Weber, U. Apfel, R. Marschall, *Chem. Eur. J.*, **2021**, 27, 16990–17001. [10.1002/chem.202101716](https://doi.org/10.1002/chem.202101716)

H. Kurz, K. Schötz, I. Papadopoulos, F. Heinemann, H. Maid, D. Guldi, A. Köhler, G. Hörner, B. Weber, *J. Am. Chem. Soc.*, **2021**, 143, 3466–3480. [10.1021/jacs.0c12568](https://doi.org/10.1021/jacs.0c12568)

A. Viard, H. Kurz, A. Lale, L. Heymann, B. Weber, S. Bernard, M. Knauer, G. Motz, *ACS Appl. Mater. Interfaces*, **2021**, 13, 8745–8753. [10.1021/acsami.0c20885](https://doi.org/10.1021/acsami.0c20885)

T. Ekanayaka, H. Kurz, A. Dale, G. Hao, A. Mosey, E. Mishra, A. N'Diaye, R. Cheng, B. Weber, P. Dowben, *Mater. Adv.*, **2021**, 2, 760–768. [10.1039/D0MA00612B](https://doi.org/10.1039/D0MA00612B)

H. Kurz, G. Hörner, B. Weber, *Z. Anorg. Allg. Chem.*, **2021**, 647, 896–904. [10.1002/zaac.202000407](https://doi.org/10.1002/zaac.202000407)

A. Bloesser, H. Kurz, J. Timm, F. Wittkamp, C. Simon, S. Hayama, B. Weber, U. Apfel, R. Marschall, *ACS Appl. Nano Mater.*, **2020**, 3, 11587–11599. [10.1021/acsanm.0c02705](https://doi.org/10.1021/acsanm.0c02705)

H. Kurz, J. Sander, B. Weber, *Z. Anorg. Allg. Chem.*, **2020**, 800–807. [10.1002/zaac.201900354](https://doi.org/10.1002/zaac.201900354)

A. Bloesser, J. Timm, H. Kurz, W. Milius, S. Hayama, J. Breu, B. Weber, R. Marschall, *Sol. RRL*, **2020**, 1900570. [10.1002/solr.201900570](https://doi.org/10.1002/solr.201900570)

H. Kurz, C. Lochenie, K. G. Wagner, S. Schneider, M. Karg, B. Weber, *Chem. Eur. J.*, **2018**, 24, 5100–5111. [10.1002/chem.201704632](https://doi.org/10.1002/chem.201704632)

C. Lochenie, K. Schötz, F. Panzer, H. Kurz, B. Maier, F. Puchtler, S. Agarwal, A. Köhler, B. Weber, *J. Am. Chem. Soc.*, **2018**, 140, 700–709. [10.1021/jacs.7b10571](https://doi.org/10.1021/jacs.7b10571)