

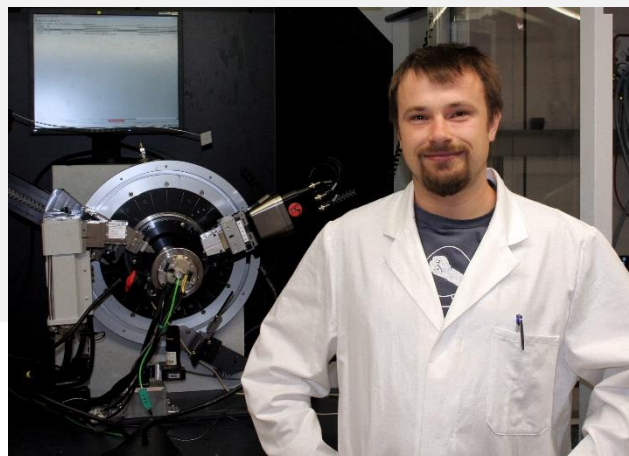
SEBASTIAN BETTE

Chemist

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Personal Details

born on 17th July 1986 in Lutherstadt Wittenberg

married, 1 child

Working Experience

since **Scientific staff member**

01/2018 Stuttgart State Academy of Art and Design, Max Planck Institute for Solid State Research, Stuttgart

Synthesis and characterization of corrosion products and historic pigments

01/2017 – **Scientific staff member**

12/2017 University of Stuttgart, Institute for Functional Matter and Quantum Technologies, Max Planck Institute for Solid State Research, Stuttgart

Characterization of stacking faulted, layered iridates

10/2012 – **Scientific staff member**

12/2016 TU Bergakademie Freiberg, Institute for Inorganic Chemistry
Guest Scientist at Max Planck Institute for Solid State Research, Stuttgart

Investigations on the chemical stability of construction materials for barrier constructions for nuclear waste storage

Academic Teaching Experience

04/2019 – **Lecture** as proxy for Prof. Thomas Schleid

07/2019 University of Stuttgart

„Chemistry of non-metallic materials“

01/2016 – **Lecture** as proxy for Dr. Daniela Freyer

02/2016 TU Bergakademie Freiberg

„Introduction into fundamental principles of chemistry“

10/2012 – **Leading seminars and practical courses** in inorganic chemistry

12/2016 TU Bergakademie Freiberg

Academic Education

10/2012 – **Graduation in chemistry (Dr. rer. nat.)**

07/2016 TU Bergakademie Freiberg

grade: summa cum laude

PhD thesis: „On basic nickel(II) and magnesium chlorides – structures, phase formation and solubilities“

- 10/2010 – **Master of Science in chemistry (focus: inorganic chemistry)**
11/2012 TU Bergakademie Freiberg
final grade: 1,1
master thesis: „Phase formation in the system $\text{Ni}(\text{OH})_2\text{-NiCl}_2\text{-H}_2\text{O}$ “ (grade: 1,0)
- 10/2007 – **Bachelor of Science in chemistry (focus: inorganic chemistry)**
11/2010 TU Bergakademie Freiberg
final grade: 1,2
bachelor thesis: „Synthesis and characterization of high-temperature phases in the system $\text{Mg}(\text{OH})_2\text{-MgCl}_2\text{-H}_2\text{O}$ “ (grade: 1,1)

Awards & Fellowships

- 2019 **Waltrude-und-Friedrich-Liebau-Preis**
award for interdisciplinary work in crystallography
granted by the German Crystallographic Society (DKG)
- 2018 **Starck-Promotionspreis**
award for outstanding PhD theses in the field of solid state materials chemistry
granted by the subdivision for solid state chemistry and materials science of the German Chemical Society (GDCh)
- 2013 **Ferdinand-Reich-Preis**
award for excellent educational achievement and social commitment
granted by the Faculty of Chemistry and Physics of the TU Bergakademie Freiberg
- 04/2010 – **Fellowship of the German Academic Scholarship Foundation**
07/2012
- 2006 **GDCh-Abiturientenpreis**
award for the best final school exam in chemistry
granted by the German Chemical Society (GDCh)

Sindelfingen, den 10.07.2019

