

PERSONAL

Name: Thomas Lunkenbein
Birthday: 28.10.1983
Nationality: German

EDUCATION

Group Leader	Since 2018	Fritz-Haber Institut der Max-Planck Gesellschaft Department of Inorganic Chemistry (Prof. Dr. Robert Schlögl) <i>Electron Microscopy</i>
Deputy Group Leader:	2015-2018	Fritz-Haber Institut der Max-Planck Gesellschaft Department of Inorganic Chemistry (Prof. Dr. Robert Schlögl) <i>Electron Microscopy</i>
Postdoc:	2012-2015	Fritz-Haber Institut der Max-Planck Gesellschaft Department of Inorganic Chemistry (Prof. Dr. Robert Schlögl): <i>„Investigation of structure-activity correlations of catalysts with electron microscopes“</i>
PhD:	2009-2012	Dr. rer. nat. University of Bayreuth Department of Inorganic Chemistry I (Prof. Dr. Josef Breu): „Mesostructuring of metal oxides and polyoxometalates templated by ionogene diblock copolymers“ <i>Degree with distinction</i>
University:	2004-2009	Dipl. Chem. University of Bayreuth Department of Inorganic Chemistry I (Prof. Dr. Josef Breu): „Mesostructuring of polyoxometalates“ <i>Degree with distinction</i>

AWARDS

2016	FHI Award for Imaging of Distortions in Metal-Oxygen Polyhedra
2015	FHI Award for the Development of Chemical Electron Microscopy
2013	Cultural Award of Bavaria
2013	30 most promising young chemists under 30 elected by <i>American Scientific</i>
2013	Participant of the Lindau Nobel Laureate Meetings
2013	PhD Award of the Emil-Warburg-Foundation
2009-2012	Member of Graduation School of Bayreuth for Mathematics and Natural Sciences, Materials Chemistry and Catalysis
2009-2012	Member of the International Graduation School of the Elite Network Bavaria: „Structure, Reactivity and Properties of Oxide Materials“
2008	Oskar-Karl-Forster-Fellowship
2006	GDCh-Award

LECTURES

2018	Master Modul „Nanochemistry“ (2 SWS, University of Bayreuth)
2016	Introduction into Heterogeneous Catalysis (1 SWS, University of Bayreuth)
2015	Introduction into Common and Inorganic Chemistry – Experimental lecture (2 SWS, TU Berlin)
2014	Applied Functional Materials and Solids (2 SWS, TU Berlin)

Lectures at the Heterogeneous Catalysis Lecture Series (2013-2018) and Schools:

- Scanning Techniques in Electron Microscopy
- TEM Image Formation and Simulation
- Contrast Formation in (S)TEM
- Proton Transfer Reaction Mass Spectrometry
- Structural Chemistry of Silicates
- The Chemical Origin of Life
- Quasi in-situ TEM

PUBLIC LECTURES

- 2017 *Schütteln, Sprühen, Mixen und Staunen: Chemische Experimente für Kinder zum Mitmachen, Experimentalvorlesung für Kinder, Lange Nacht der Wissenschaften, Berlin*
- 2017 *So schnell schießen die Preußen nicht - Experimentalvorlesung, Lange Nacht der Wissenschaften, Berlin*
- 2016 *Kleine Forscher ganz groß – Farbigkeit und andere chemische Köstlichkeiten, Experimentalvorlesung für Kinder, Lange Nacht der Wissenschaften, Berlin*
- 2016 *Flammende Nacht, knallende Nacht - Experimentalvorlesung, Lange Nacht der Wissenschaften, Berlin*
- 2016 *Kleine Forscher ganz groß – Farbigkeit und andere chemische Köstlichkeiten, Experimentalvorlesung für Kinder, Sommerfest des FHIs, Berlin*
- 2016 *Flammende Nacht, knallende Nacht - Experimentalvorlesung, Sommerfest des FHIs, Berlin*
- 2014 *Elektronenmikroskopie, Lange Nacht der Wissenschaften, Berlin*