

## CURRICULUM VITAE

Family name, First name: Pöthig, Alexander  
Researcher ID: A-9396-2013  
Date of birth: 04/11/1982  
Nationality: German  
URL for web site: <https://www.amc.ch.tum.de/poethig/>



### • EDUCATION

2012 PhD (*with Thomas Straßner*)  
Faculty of Mathematics and Sciences, Technical University of Dresden, Germany  
2007 Diploma of Chemistry (Dipl.-Chem.)  
Faculty of Mathematics and Sciences, Technical University of Dresden, Germany  
2001 Abitur (High School equivalent), Kreisgymnasium Freital-Deuben, Freital, Germany

### • CURRENT POSITIONS

2016 – Junior academic (*Habilitand, with Roland A. Fischer, Michael Groll & Polly Arnold*)  
Department of Chemistry, Technical University of Munich, Germany  
2013 – Head of Single-Crystal X-Ray Laboratory  
Catalysis Research Center, Technical University of Munich, Germany

### • PREVIOUS POSITIONS

2012 – 2015 Group Leader (at the Chair of Inorganic Chemistry, Profs. W. A. Herrmann & F. E. Kühn)  
Department of Chemistry, Technical University of Munich, Germany  
2011 – 2012 Scientific coworker/Postdoctoral Researcher (with Prof. W. A. Herrmann & Prof. F. E. Kühn)  
Department of Chemistry, Technical University of Munich, Germany

### • FELLOWSHIPS & AWARDS

2018 Advisory award of TUM Faculty of Chemistry for extraordinary PhD supervision  
2018 Vanguard Fellowship of the Institute of Advanced Studies of the University of Birmingham  
2016 Student's award of TUM Faculty of Chemistry for extraordinary commitment in teaching  
2015 TUM Silver badge of honor for extraordinary commitment in university-school cooperations (TUM Kolleg)  
2008 – 2010 PhD scholarship by the Fonds der Chemischen Industrie, Germany

### RESEARCH PROJECTS CURRENTLY ENGAGED

- Supramolecular organometallics: organometallocavitand design, structure determination, catalytic applications (with J. Lercher(TUM)), host-guest selectivity studies, aggregation studies, photoluminescence studies (with J. Hauer (TUM)), gas adsorption (with S. Noro (Hokkaido))
- Bioinorganic chemistry of organometallic compounds and organometallocavitands (with A. Casini (Cardiff), M. Hannon (Birmingham), O.A. Hogmoen-Astrand (Oslo))
- Photoactive metal-organic frameworks (with R. A. Fischer (TUM))
- Structure determination of small molecules with single-crystal X-ray diffraction (with TUM CRC members: T. Bach, C. Hess, S. Inoue, R. A. Fischer, L. Hintermann, F. E. Kühn and others)

### RECENT RESEARCH AND RECENTLY PUBLISHED PAPERS (LAST 5 YEARS)

- 106 papers published within the last five years (for details see publication list)

Garching, January 24, 2019 / Dr. Alexander Pöthig: