



J. J. Weigand

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently:

“NHC-Mediated Synthesis of an Asymmetric, Cationic Phosphorane, a Phosphanide, and Coinage-Metal Phosphanido Complexes”: K. Schwedtmann, M. Holthausen, K.-O. Feldmann, J. J. Weigand, *Angew. Chem.* **2013**, 125, 14454–14458; *Angew. Chem. Int. Ed.* **2013**, 52, 14204–14208.

Jan J. Weigand

Date of birth:	May 25, 1974
Position:	Professor of Coordination Chemistry, Technische Universität Dresden
E-mail:	Jan.weigand@tu-dresden.de
Homepage:	www.agweigand.de
Education:	1997–2002 Studies of chemistry, Ludwig-Maximilians-Universität (LMU) München 2002–2005 PhD supervised by Prof. Dr. T. M. Klapötke, LMU 2005–2007 Postdoctoral research with Prof. Dr. N. Burford, Dalhousie University, Canada 2007–2012 Habilitation mentored by Prof. Dr. F. E. Hahn Westfälische Wilhelms-Universität Münster
Awards:	2005 Bavarian Culture Award; Feodor Lynen Fellowship; 2010 Emmy Noether Research Group Leader; Wöhler Young Investigator Prize; 2012 ERC Starting Grant; 2013 Dozentenstipendium (FCI)
Current research interests:	Phosphorus chemistry with a focus on P ₄ functionalization; synthetic methods in main-group chemistry and element–element bond formation; sustainability in chemistry (recycling of chemical waste and elements)
Hobbies:	Cooking, scuba diving

My favorite saying is ... “‘Easy’ doesn’t enter into grown-up life”.

I admire ... prudence.

In a spare hour, I ... listen to Mozart’s Requiem (Wiener Philharmoniker, Karl Böhm with Edith Mathis and Karl Ridderbusch, 1985).

My biggest inspiration is ... curiosity.

My favorite time of day is ... early mornings when it is peaceful and quiet.

My favorite way to spend a holiday is ... far far away with friends.

The principal aspects of my personality are ... being straightforward, upfront, and dedicated.

If I could be described as an animal it would be ... a “wooden tiger” (my Chinese star sign).

Looking back over my career, I ... realize I am still just starting.

My favorite drink is ... Pimms No. 1 with ginger ale and cucumber (only when the sun goes down).

My first experiment was ... making schnapps by distilling sloe wine at the age of eleven (I did not try it of course!).

My 5 top papers:

1. “Formation of [Ph₂P₃]⁺, [Ph₄P₆]²⁺, and [Ph₆P₇]³⁺ Cationic Clusters by Consecutive Insertions of [Ph₂P]⁺ into P–P Bonds of the P₄ Tetrahedron”: J. J. Weigand, M. Holthausen, R. Fröhlich, *Angew. Chem.* **2009**, 121, 301–304; *Angew. Chem. Int. Ed.* **2009**, 48, 295–298. (The start of our P₄ research.)
2. “Preparation of Ligand-Stabilized [P₄O₄]²⁺ by Controlled Hydrolysis of a Janus Head Type Diphosphorus Trication”: J. J. Weigand, K.-O. Feldmann, A. K. C. Echtermann, A. Ehlers, K. Lammertsma, *Angew. Chem.* **2010**, 122, 6314–6317; *Angew. Chem. Int. Ed.* **2010**, 49, 6178–6181. (Development of highly charged cations and their application in element–element bond formation.)
3. “A Versatile Protocol for the Quantitative and Smooth Conversion of Phosphane Oxides into Synthetically Useful Pyrazolylphosphonium Salts”: K.-O. Feldmann, S. Schulz, F. Klotter, J. J. Weigand, *ChemSusChem* **2011**, 4, 1805–1812. (Our first leap into sustainable chemistry, more is to come.)
4. “P–N/P–P Bond Metathesis for the Synthesis of Complex Polyphosphanes: K.-O. Feldmann, J. J. Weigand, *J. Am. Chem. Soc.* **2012**, 134, 15443–15456. (As the title says: P–N/P–P bond metathesis.)
5. “Ligand-Stabilized [P₄]²⁺ Cations”: M. Donath, E. Conrad, P. Jerabek, G. Frenking, R. Fröhlich, N. Burford, J. J. Weigand, *Angew. Chem.* **2012**, 124, 3018–3021; *Angew. Chem. Int. Ed.* **2012**, 51, 2964–2967. (Construction of polyphosphorus compounds using P₁ sythons.)

DOI: 10.1002/anie.201311108