

## Publikationsliste

### Dissertation

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- (8) R. F. Winter, W. E. Geiger, „Electron Transfer Properties of Cp\*FeP<sub>5</sub>: Evidence for Dimerization Reactions following both Oxidation and Reduction”, *Organometallics* **1999**, *18*, 1827.
- (9) N. G. Connelly, W. E. Geiger, S. R. Lovelace, B. Metz, T. J. Paget, R. Winter, „Reduction of [ML(alkyne)<sub>2</sub>(η-C<sub>5</sub>R'<sub>5</sub>)]<sup>+</sup> (M = Mo, W, L = MeCN or CO, R' = H or Me, C<sub>5</sub>R'<sub>5</sub> = C<sub>5</sub>HPh<sub>4</sub>): Characterization of Radical Intermediates in the Reductive Coupling of Coordinated Alkynes”, *Organometallics* **1999**, *18*, 3201.
- (10) R. F. Winter, W. E. Geiger, „One-Electron Oxidation of Heterodinuclear Organometallic Compounds Having Phosphido Bridges”, *Organometallics*, **2003**, *22*, 1948.

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- (11) R. F. Winter, F. M. Hornung, „The Square Pyramidal Hydride Cation  $[\text{RuH}(\text{dcpe})_2]^+$ , dcpe = Bis(dicyclohexylphosphino)ethane. X-Ray Structures of  $[\text{RuH}(\text{dcpe})_2]^+ [\text{BPh}_4]^-$  and of the Zwitterionic  $[(\eta^6-\text{C}_6\text{H}_5)\text{BPh}_3\text{RuH}(\text{dcpe})]$ ”, *Inorg. Chem.* **1997**, 36, 6197.
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- (15) R. F. Winter, F. M. Hornung, „Trapping of a Ruthenium-Butatrienyldene Intermediate by Tertiary Amines. 2-Ammoniobutenynyl Complexes“ *Organometallics* **1999**, 18, 4005.
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- (73) R. F. Winter, “Half-Wave Potential Splittings ΔE<sub>1/2</sub> as a Measure of Electronic Coupling in Mixed-Valent Systems: Triumphes and Defeats”, *Organometallics*, **2014**, 33, 4517-4536.

### *Essays*

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## Diplom-/Masterarbeiten

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2. Stephan Hartmann: „*Aminoallenylidenkomplexe des Rutheniums mit heterocyclischen Substituenten*“, Stuttgart 2000.
3. Ralf-Christoph Harbort: „*Reaktionen eines Butatrienylden-Rutheniumkomplexes mit aminoalkylierten Heterocyclen und Carbocyclen*“, Stuttgart 2000
4. Markus Braun: „*Bis(allenyliden)komplexe des Rutheniums*“, Stuttgart 2002.
5. Jadranka Čubrilo: “*Novel Half-Sandwich Complexes of Ruthenium: Synthesis and Their Reactions with Alkynols*”, Stuttgart 2003.
6. Michael Linseis: “*Terakis(para-ethinylphenyl)ethen als baustein für Mehrkernkomplexe des Rutheniums*”, Regensburg 2007.
7. Johannes Schnödt: „*1,1'-Diphosphaferrrocene als Geüssttemplate zum Aufbau von Ionensonden-Molekülen*“, Regensburg 2007.
8. Florian Pevny, „*Vinylbenzoat- und vinylpyridinverbrückte Zweikernkomplexe des Rutheniums*“, Regensburg 2007.
9. Raphael Schilp, „*Beiträge zur Chemie ethinylsubstituierter Phosphole und Propargylalkohole aus chinoiden Vorstufen sowie deren Umsetzung mit Ruthenium-Hydridkomplexen*“, Regensburg 2008.
10. Phillip Mücke, „*Neue Vinylkomplexe mit zwei- und dreidimensionaler Konjugation*“, Regensburg 2008
11. Jörg Maurer, „*Präparative, elektrochemische, spektro-elektrochemische und quantenchemische Studien an einkernigen Ruthenium-Styrylkomplexen*“ (Examensarbeit), Regensburg 2009
12. Matthias Rank, „*Pyridin-Liganden für die photokatalytische Erzeugung von Wasserstoff*“, Regensburg, 2010
13. Andrej Jackel, „*Cyclometallierte Platinkomplexe mit Farbstoff-basierten Liganden als Sensibilisatoren*“, Masterarbeit, Konstanz 2012.
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15. Patrick Anders: „*Beiträge Kupplung von Alkinolen mit Arylen am Cymen-Ruthenium-Templaten*“, Masterarbeit, Konstanz, 2014
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## Dissertationen

1. Stephan Hartmann: „*Synthese, Charakterisierung und Elektronentransfereigenschaften von Rutheniumkomplexen mit hoch ungesättigten C<sub>3</sub>- und C<sub>4</sub>-Liganden*“, Stuttgart 2003.
2. Jadranka Čubrilo: “*Contributions to the Chemistry of Arene Ruthenium Half Sandwich Complexes: Complexes Bearing Labile Chalcogen Ligands and Alkynol Coupling Reactions*”, Stuttgart 2007.
3. Jörg Achim Maurer: “*Präparative, elektrochemische, spektroelektrochemische und quantenchemische Studien an Ruthenium-Vinylkomplexen: “Schuldiges” Verhalten in Organometallverbindungen*”, Stuttgart 2007.
4. Florian Pevny: „*Elektronendelokalisation in Ein- und mehrkernkomplexen des Rutheniums und Platins: Nachweis und Konsequenzen*“, Konstanz 2012.
5. Philipp Mücke: „*Elektronendelokalisation in ein- und zweidimensionalen Mehrkernkomplexen des Rutheniums mit Ferrocenyl- und Cyclophanliganden*“, Konstanz 2013.
6. Walther Polit: „*Synthese und Reaktionen von metallorganischen π-Systemen*“, Konstanz 2013.
7. Michael Linseis: „*Oligophenylethene und Diphenyldiazene als Liganden in ein- und mehrkernigen Rutheniumvinylkomplexen*“; Regensburg 2013.
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