

VORTRÄGE 2013

Böhnisch, Torben:

Copper-mediated bimetallic asymmetric catalysis – An exciting journey with an unexpected supramolecular detour

Joint Workshop LIKAT/CaSuS, Rostock, 17.09.13

Clever, Guido:

Switchable and allosteric anion binding in self-assembled coordination cages

Universität Siegen, 14.01.13

Clever, Guido:

Encapsulation and redox chemistry of supramolecular coordination cages

Universität Oldenburg, 04.02.13

Clever, Guido:

Control over cavity size & shape in anion-binding coordination cages

a) *Kyoto University, Japan, 19.02.13*

b) *Osaka University, Japan, 22.02.13*

c) *Kobe University, Japan, 27.02.13*

d) *Tsukuba University, Japan, 28.02.13*

e) *The University of Tokyo, Japan, 04.03.13*

f) *Chemiedozententagung FU Berlin, 13.03.13*

g) *Universität Kiel, 11.06.13*

h) *International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC), Arlington, USA, 11.07.13*

i) *International Seminar on Inclusion Compounds (ISIC 14), Edinburgh, UK, 21.08.13*

j) *Cambridge University, 17.10.13*

Clever, Guido:

Verheddert, gestaucht und verknotet: Beladene und geladene Koordinationskäfige

ADUC Preisträgervortrag, Chemiedozententagung FU Berlin, 11.03.13

Clever, Guido:

Metal-mediated quadruplexes with and without DNA

Centre for Systems Chemistry Symposium, Groningen, Netherlands, 11.09.13

Clever, Guido:

Redox- and photofunctional coordination cages

3rd HeKKSaGOn Meeting Göttingen, 13.09.13

Clever, Guido:

Self-assembled coordination cages as redox- and photo-functional materials

KOPO Conference Würzburg, 16.09.13

Clever, Guido:

Cooperative and switchable anion binding in self-assembled coordination cages

3MET Conference Karlsruhe, 23.09.13

Clever, Guido:

Light-switchable and redox-active self-assembled supramolecules

German Science Days Kyoto, Japan, 25.10.13

Clever, Guido:

Structure-function relationships in anion-binding coordination cages

GDCh Kolloquium, Universität Kassel, 05.11.13

Dalle, Kristian:

Bioinspired activation of dioxygen with pyrazolate-based bimetallic copper complexes

a) *Joint Workshop der Emerging Fields Initiative, Univ. Erlangen, und IRTG 1422, Univ. Göttingen, Homberg/Hülsa, 25.05.13*

b) *COST-Meeting, Mainz, 28.05.13*

Demeshko, Serhiy:

Switchable magnetic properties in pyrazolate-based di- and tetranuclear complexes
International conference "Organometallic and Coordination Chemistry: Fundamental and Applied Aspects" Novgorod/Russia, 01.09.2013

Engelhard, David:

Reversible metal ion uptake and stabilization in novel metallo-G-quadruplexes
9. Koordinationschemie-Treffen 2013 Bayreuth, 26.02.13

Engelhard, David:

Reversible Stabilisierung von G-Quadruplexen durch Übergangsmetalle
Regionales Stipendiatentreffen der FCI-Doktoranden Jena, 17.12.13

Ghadwal, Rajendra S.:

Beyond NHCs: Emerging smart systems for small molecule activation and catalysis
Department of Chemistry, Bielefeld University, Bielefeld, Germany, 03.12.13

Ghadwal, Rajendra S.:

Abnormal N-heterocyclic carbenes and borylenes: More than synthetic approach
GDCh-Göttinger Chemie-Forum 2013, Georg-August-Universität Göttingen, 05.06.2013

Ghadwal, Rajendra S.:

Energy relevant small molecule activation and catalysis: A rational approach
Laboratory of Organometallic Chemistry and Systemics (LCOMS), Institut de Chimie de Strasbourg, UMR 7177 CNRS/ Université de Strasbourg, France, 16.12.2013.

Grüne, Tim:

Refinement of macromolecular structures from neutron data with shelxl
ESS Neutron Protein Crystallography, Aarhus, Denmark, 21.3.13

Grüne, Tim:

Experimental phasing with shelx c/d/e
CCP4 School Chicago, USA, 21.6.13

Grüne, Tim:

Data processing with XDS
CCP4 School Chicago, USA, 18.6.2013

Grüne, Tim:

Macromolecular crystallography
10th Horizons in Molecular Biology, Göttingen, 13.9.13

Han, Muxin:

Active control of cavity size & shape in coordination cages
SupraChem 2013 Münster, 14.02.13

Han, Muxin:

Functional coordination cages: Shape control and light-switchable guest binding
International Seminar on Inclusion Compounds (ISIC 14), Edinburgh, UK, 20.08.13

Herbst-Irmer, Regine :

Anharmonic motion in charge density studies
APS Chicago, USA, 09.-15.3.13

Herbst-Irmer, Regine :

Anharmonic motion in charge density investigations
ECM28, Warwick, UK, 25.-29.8.13

Herbst-Irmer, Regine :

Introduction to twinning
ChemiKrist Workshop, Mülheim, Germany, 25.-27.9.13

Hey, Jakob:

Intermolecular interactions shaping a sodium piano stool complex
Gordon Research Conference Les Diablerets, Switzerland, 02.-07.06.13

John, Michael:

Geheimnisvollen Konformerer auf der Spur
GdCh-Diskussionstagung Praktische Probleme der Kernresonanzspektroskopie, Erlangen, 15.01.13

Kalz, Kai:

Mimicking the [Fe] hydrogenase active site: Frustrated Lewis pairs for the heterolytic cleavage of H₂
Joint Workshop der Emerging Fields Initiative, Univ. Erlangen, und IRTG 1422, Univ. Göttingen, Homberg/Hülsa, 25.05.13

Lübben, Jens:

The APD-toolkit, a program for generating H-ADP from the invariom database
Software Fayre, European Crystallography Meeting, Warwick, 27.08.13

Meyer, Franc:

New turns in biomimetic Fe/S chemistry: Functional models for the Rieske center and related [2Fe-2S]-clusters
ZING Bioinorganic Chemistry Conference, Lanzarote/Canary Islands, 20.02.13

Meyer, Franc:

Metallzentren im Duett: von Enzymmodellen zur bioinspirierten Wasseroxidation
GDCh-Vortrag in der Chemischen Fakultät der Humboldt Universität Berlin, 24.06.13

Meyer, Franc:

Bioinspired Fe-oxo-chemistry
XII. International Symposium on Inorganic Biochemistry, Wroclaw/Poland, 29.08.13

Meyer, Franc:

Synthetic analogues for reduced [2Fe-2S] cofactors and for Rieske centers
Wissenschaftsforum Chemie 2013 der GDCh, Darmstadt, 02.09.13

Meyer, Franc:

From bioinspired high-valent metal-oxo chemistry to catalytic water oxidation
3rd Japanese-German University President's Conferences, Universität Göttingen, 13.09.13

Meyer, Franc:

Metal centers acting in concert: Bioinspired metallosites, cooperative water oxidation catalysis, and beyond
2nd International Conference on Bimetallic Complexes 2013, KIT Karlsruhe, 25.09.13

Meyer, Franc:

Multistable molecular grids and cubes
4th European Conference on Molecular Magnetism, KIT Karlsruhe, 08.10.13

Meyer, Franc:

Molecule-based catalysts and hybrid assemblies for water oxidation
Kickoff Symposium, SFB 1073, Universität Göttingen, 31.10.13

Meyer, Franc:

Metal centers acting in concert: Biomimetic metallosites, bioinspired catalysts, and beyond
 a) *Research Seminar, Department of Chemistry der University of Victoria, Victoria/Canada, 18.11.13*
 b) *Research Seminar, Dept. of Chemistry der Univ. of British Columbia, Vancouver/Canada, 19.11.13*
 c) *Research Seminar, Dept. of Chemistry der Simon Fraser University, Vancouver/Canada, 20.11.13*
 d) *Research Seminar, Department of Chemistry, University of Calgary, Canada, 21.11.13*

Meyer, Franc:

Biomimetic metallosites, bioinspired catalysis, and beyond
Coord. Chem. Symp. der Universidad Nacional Autonoma de Mexico, Coyoacan/Mexico, 04.12.13

Meyer, Franc:

Metal-metal and metal-ligand cooperativity in pyrazolate-based oligonuclear complexes
Plenarvortrag auf der ZING Coordination Chemistry Conference, Xcaret/Mexico, 09.12.13

Meyer, Steffen:

Bioinorganic meets organometallic: A tetracarbene-oxoiron(IV) complex
 a) *ZING Bioinorganic Chemistry Conference, Lanzarote/Canary, 20.02.13*
 b) *Joint Workshop der Emerging Fields Initiative, Univ. Erlangen, und IRTG 1422, Univ. Göttingen, Homberg/Hülsa, 24.05.13*

Neudeck, Sven:

Tunable pyrazolate-based diruthenium complexes as efficient water-oxidation catalysts

a) 9. Koordinationschemietreffen, Bayreuth, 25.02.13

b) 6. Chemie-Forum, Göttingen, 05.06.13

c) Joint Workshop LIKAT/CaSuS, Rostock, 18.09.13

Niepötter, Benedikt:

Experimental charge density analysis of a silylone

FCI Regionaltreffen Jena, 17.12.13

Pereira, Fernanda:

Application of trans-chelating ligands to DNA metal complexes

JCF Symposium Göttingen, 05.06.13

Pöppler, Ann-Christin:

Anisotropic NMR and slice-selective excitation

Chemistry-Forum, Göttingen 05.06.13

Pöppler, Ann-Christin:

Polymer networks for the measurement of anisotropic NMR parameter

Small Molecule NMR Conference, Santiago de Compostela, Spanien, 23.09.13

Michel, Reent:

Supermolecular synthons made of wildcards: Alkali metal amines of Cp-derivatives

Annual Scientific Meeting, Aarhus, Denmark, 28.06.13

Roesky, Herbert W.:

Experimentalvortrag

a) *Otto-Hahn-Gymnasium, Bergisch-Gladbach, 15.05.13*

b) *GDCh Kolloquium, Universität Bielefeld, 16.05.13*

c) *GDCH, Wolfen, Bitterfeld, 10.06.13*

d) *Dublin, Irland, 21.10.13*

Roesky, Herbert W.:

Chemistry of low valent silicon

Universität Düsseldorf, 06.06.13

Roesky, Herbert W.:

The importance of fluorine in catalysis with organometallic fluorides and in compounds with low valent main group elements

17th European Symposium on Fluorine Chemistry, Paris, Frankreich, 22.07.13

Roesky, Herbert W.:

The universe – a guide to new chemistry

a) *Nizhni Novgorod, Russland, 02.09.13*

b) *Dublin, Irland, 22.10.13*

Schneider, Sven:

Copper-mediated bimetallic symmetric catalysis – An exciting journey with an unexpected supramolecular detour

Joint Workshop LIKAT/CaSuS, Rostock, 17.09.13

Schneider, Sven:

Electron rich nitrido complexes as nitrogen fixation models?

ACS National Meeting, New Orleans, USA, 10.04.13

Schneider, Sven:

Electron rich nitrido complexes as platforms for ammonia generation and decomposition

Canadian Society for Chemistry Meeting, Quebec, Canada, 27.05.13

Schneider, Sven:

Kooperative ligands for homogeneous catalysis

Inorganic Seminar, University of Amsterdam, 05.06.13

Schneider, Sven:

Electron rich nitrido complexes: Models for nitrogen fixation and ammonia oxidation

European Conference on Inorganic Chemistry Jerusalem, Israel, 09.07.13

Schneider, Sven:

Catalysis towards ammonia based energy storage: From hydrogen release to direct ammonia fuel cells
Transatlantic Frontiers in Chemistry, Kloster Seeon, Germany, 08.08.13

Schneider, Sven:

Nitrido pincer complexes: Some lessons for N₂ fixation and coupling
Wissenschaftsforum Chemie 2013 der GDCh, Darmstadt, 02.09.13

Schneider, Sven:

Catalysis towards NH₃ based energy storage: NH₃ oxidation via nitrido complexes
3rd Japanese-German University President's Conferences, Universität Göttingen, 13.09.13

Schneider, Sven:

Catalysis towards ammonia based energy storage
a) *Inorganic Seminar, RWTH Aachen, 17.10.13*
b) *Inorganic Seminar, University of Marburg, 11.11.13*
c) *Inorganic Seminar, University of Siegen, 28.11.13*

Schneider, Sven:

Catalysis for ammonia based energy storage
KAUST Catalysis Center Symposium, King Abdullah University, Saudi-Arabia, 17.12.13

Sheldrick, George M.:

Recent developments in SHELX
28th European Crystallographic Meeting, Warwick UK, 29.08.13

Sheldrick, George M.:

Experimental phasing with SHELX
LMB, Cambridge UK, 02.09.13

Sheldrick, George M.:

1) Intrinsic phasing
2) XL Tutorial
3) Macromolecular phasing with CuK α and GaK α radiation
4) SADABS, CELL-NOW and TWINABS tutorial
Bruker Users' Meeting, Madison WI, USA, 13.-15.09.13

Sheldrick, George M.:

1) Indexing: the cell-now algorithm
2) SADABS, CELL-NOW and TWINABS tutorial
3) SHELXC/D/E tutorial
4) XPREP and SHELXC/D/E
5) The other double helix
X-ray course, Oulu Finland, 16.-20.09.13

Stalke, Dietmar:

Experimente zum Paradigmenwechsel in der Chemie
Vortrag in der Reihe Paradigmenwechsel und Revolutionen in der Wissen-schaft, ASTA der Universität Göttingen, 09.01.13

Stalke, Dietmar:

What a synthetic chemist learns from charge density
a) *Anorganisch Chemisches Kolloquium an der Ruhr-Universität Bochum, 18.01.13*
b) *Invited lecture at the Department of Chemistry at the University of Warsaw, Poland, 14.06.13*
c) *Invited keynote lecture at the 28th Meeting of the European Crystallographic Association ECM28 at the University of Warwick, UK, 25.-29.08.13*

Stalke, Dietmar:

Was lernt der präparative Chemiker von der Elektronendichte?
Vortrag im Rahmen einer Einladung der Chemischen Gesellschaft zu Heidelberg, 05.02.13

Stalke, Dietmar:

1) Does the synthetic chemist learn anything from the charge density?
2) Chemical bonding
3) Charge density distribution in lithiumorganics
4) Charge density distribution in silyl(ene) compounds
Vorträge im Rahmen der Spring School on Charge Density der School of Chemistry der Universidad de Costa Rica, San José, 18.-27.02.13

Stalke, Dietmar:

Low valent silicon – a carbon copy ?

Invited Talk at the Gordon Research Conference on Electron Distribution & Chemical Bonding, Les Diablerets, Switzerland, 02.-07.06.13

Stalke, Dietmar:

Low valent silicon

a) *Invited talk at the University of Cambridge, UK, 03.09.13*

b) *Vortrag im Rahmen des Anorganisch-Chemischen Institutskolloquiums an der Rheinisch Westfälisch Technischen Hochschule Aachen, 08.11.13*

Stalke, Dietmar:

A world of difference – alkali metal organic frameworks from ammonia

Invited talk at the University of Bath, UK, 09.09.13

Waitz, Thomas:

Fach(!)didaktik Chemie – Curriculare Innovationen im Handlungsfeld Schule und Hochschule, *GDCh*

Weihnachtskolloquium, Göttingen, 12.12.13

Waitz, Thomas ; Wolf, Kai ; Wilke, Timm ; Irmer, Ehrhard:

Nano – eine faszinierende Dimension für den Chemieunterricht,

MNU-Tagung Bremerhaven, 18.11.13

Waitz, Thomas:

„Nano“ – Eine vernachlässigte Dimension im Chemieunterricht?

MNU-Tagung, Göttingen, 30.10.13

Waitz, Thomas:

Experimentalvortrag im Rahmen der Schnupper-Tage an der Universität Göttingen:

Chemie des Sauerstoffs – Von der Verbrennung bis zur Funktion im Gas-Sensor

Universität Göttingen, 14.10.13

Waitz, Thomas ; Wilke, Timm:

Nano im AG-Bereich und Schülerlabor

GDCh-Tagung, Darmstadt, 02.09.13

Waitz, Thomas:

Innovative Lehr-/Lernformen und neue Inhalte für das Fach Chemie an Schule und Hochschule

Universität Paderborn, 22.04.13

Waitz, Thomas:

Chemie querbeet – Eine Reise durch das Periodensystem der Elemente

Kinder-Uni Göttingen, Universität Göttingen, 23.01.13

Wolf, Hilke:

The cyclophane enigma – the solution to a long standing problem

Annual Scientific Meeting, Aarhus, Denmark, 28.06.13

Wolf, Kai ; Waitz, Thomas:

An open concept for a teacher trainees practical course for the integration of experiments in science lessons

Ireland International Conference on Education (IICE), Dublin, 16.04.13

Wolf, Kai ; Waitz, Thomas:

Establishing introductory courses at universities, new perspective for science education

Florenz, 15.03.13