

VORTRÄGE 2014

Bruckner, Natascha :

Pyrazolbased ligand scaffolds provide second sphere hydrogen bonding: Substrate coordination by bimetallic complexes!

IRTG-Meeting, Lund/Schweden, 23.05.2014

Clever, Guido C. :

Catalysis inside self-assembled coordination cages

CaSuS Symposium, Holle, 02.08.2014

Clever, Guido C. :

Energy conversion processes underlying the light-powered reversible guest exchange of photochromic coordination cages

SFB 1073 Klausurtagung, Germerode, 18.02.2014

Clever, Guido C. :

Functional self-assembled nanocages

HeKKSaGOn Summer School on Nanotechnology, Karlsruhe Institute of Technology, 02.09.2014

Clever, Guido C. :

Host-guest chemistry and redox behavior of functional coordination cages

a) *Coordination Programming Symposium, Tokyo University, Tokyo, Japan, 22.01.2014*

b) *Tokyo Institute of Technology, Tokyo, Japan, 24.01.2014*

Clever, Guido C. :

Host-guest chemistry of redox- and photofunctional coordination cages

5th Sino German Frontiers of Chemistry Symposium, Berlin, 09.09.2014

Clever, Guido C. :

Host-guest chemistry of switchable coordination cages

248th ACS Meeting, San Francisco, 10.08.2014

Clever, Guido C. :

Light-triggered dynamics of photofunctional coordination cages

SFB 1073 Symposium, Göttingen, 19.11.2014

Clever, Guido C. :

Metallo-Supramolekulare Quadruplex-Strukturen mit und ohne DNA

Inorganic Chemistry Colloquium, RWTH Aachen, 02.07.2014

Clever, Guido C. :

Metal-mediated Quadruplexes with and without DNA

a) *12th Eurobic Conference, Zürich, 27.08.2014*

b) *5th Sino German Frontiers of Chemistry Symposium, Berlin, 12.09.2014*

Clever, Guido C. :

Selbst-assemblierte Nanokäfige: Topologie, Dynamik und Wirt-Gast Chemie

GDCh Colloquium, Halle University, 03.12.2014

Clever, Guido C. :

Self-assembled coordination cages: Topology, functionalization and host-guest chemistry

a) *Inorganic Chemistry Colloquium, Konstanz University, 14.05.2014*

b) *Organic Chemistry Colloquium, TU Munich, 15.05.2014*

c) *Supramolecular Chemistry Course, Kaiserslautern, 09.10.2014*

Dalle, Kristian :

Bioinspired activation of oxygen: A novel peroxo-dicopper(II) adduct

10. Koordinationschemie-Tagung, Kaiserslautern, 03.03.2014

Engelhard, David

Transition metal-binding G-Quadruplexes

IRTG workshop/ TINC conference in Lund, Sweden 23.05.2014

Ghadwal, Rajendra S. :

Borylene insertion into C–N and C–H bonds

Chemistry Lecturers Conference (Chemiedozententagung), German Chemical Society (GDCh),

Paderborn, Germany, 11.03.2014

Ghadwal, Rajendra S. :

Dichlorosilylene: A high temperature transient species to a key building-block

*Department of Inorganic Chemistry, Technical University **Munich**, Germany, 02.12.2014*

Ghadwal, Rajendra S. :

Energy relevant small molecule activation and catalysis: A rational approach

*Centre national de la recherche scientifique, (CNRS), **Paris**, 14.03.2014*

Ghadwal, Rajendra S. :

Smart systems for small molecule activation and catalysis

Karlsruhe Institute for Technology (KIT); Institute for Inorganic Chemistry,

***Karlsruhe**; Germany, 19.02.2014*

Grüne, Tim :

1) Data processing with XDS

2) Experimental phasing with SHELX C/D/E

*CCP4 School APS **Chicago**, Juni 2014*

Grüne, Tim :

Modern cross validation in crystallography & reliable macromolecular refinement against neutron data

*IUCr Tagung in **Montreal**, August 2014*

Grüne, Tim :

Perspectives for modern TOF Laue data processing

*ESS Mini Workshop for NMX Data Processing, **Kopenhagen**, September 2014*

Grüne, Tim :

Refinement of macromolecular structures against neutron data with SHELXL-2013

*DGK Tagung in **Berlin**, März 2014*

Herbst-Irmer, Regine :

1) Introduction to twinning and examples of (pseudo-) merohedral twins

2) Non-merohedral twins

*Hot Topics in Contemporary Crystallography, **Šibenik**, Croatia, 10.05.-15.05.2014*

Herbst-Irmer, Regine :

1) Twinning

2) Experimental charge density studies: Discard valid data and overfit?

23rd Congress and General Assembly of the International Union of Crystallography,

*SHELX Workshop, **Montreal**, Canada, 05.08.-12.08.2014*

Kindermann, Nicole :

A new dicopper(II) peroxy complex with triplet ground state

*EUROBIC12, **Zürich/Schweiz**, 27.08.2014*

Kindermann, Nicole :

Dioxygen activation studies with bio-inspired copper complexes

*IRTG-Meeting, **Lund/Schweden**, 23.05.2014*

Lübber, Jens :

Charge density in five minutes; streamlining charge density research

*Jahrestagung der Deutschen Gesellschaft fuer Kristallographie, **Berlin**, 20.03.2014*

Meyer, Franc :

1) Bioinorganic meets organometallic: A tetracarbene-oxoiron(IV) complex

2) Synthetic analogs for reduced [2Fe-2S] cofactors and for Rieske centers

*ACS 247th National Meeting, **Dallas/Texas**, USA, 16.03.2014*

Meyer, Franc :

A new type of dicopper(II) peroxy complex: Structural snapshots of O₂ activation at type 3 dicopper sites

*COST-Meeting CM1003 in **Lund/Schweden**, 22.05.2014*

Meyer, Franc :

Coupled electron transfer in Rieske-type [2Fe-2S] clusters and in diruthenium-based water oxidation catalysis

*ECIRM-Konferenz, Universität **Debrecen**/Ungarn, 18.06.2014*

Meyer, Franc :

Metal centers acting in concert: From bioinspired O₂-activation to water oxidation catalysis

*Anorganisch-Chemisches Institutskolloquium der Technischen Universität **München**, 23.06.2014*

Meyer, Franc :

New turns in dioxygen activation and water oxidation at bioinspired pyrazolate-based bimetallic sites

*Plenarvortrag auf der Fusion Conference **Chicago**/USA, 16.07.2014*

Meyer, Franc :

New turns in dioxygen activation and water oxidation

*Eröffnungsvortrag bei der ORCA Summer School 2014, **Gelsenkirchen**, 31.08.2014*

Meyer, Franc :

Switchable grid-type molecules

*E-MRS Spring Meeting 2014, **Lille**/France, 26.05.2014*

Meyer, Franc :

Vorstellungsvortrag

*Akademie der Wissenschaften zu **Göttingen**, 10.01.2014*

Meyer, Franc :

Water oxidation: Molecular design for efficient electro- and photocatalytic hybrid systems

*SFB 1073 Joint Workshop, CRC, **Göttingen**, 20.11.2014*

Roesky, Herbert W. :

Chemistry of low valent elements of group 13 and 14

*Coordination Chemistry, **Singapore**, 20.-24.07.2014*

Roesky, Herbert W. :

Chemistry of low valent silicon

*ISOS, **Berlin**, 03.-07.08.2014*

Roesky, Herbert W. :

Compounds with low valent silicon and transition metals

*RSC, **London**, 23.-24.05.2014*

Roesky, Herbert W. :

Eine Auswahl der Chemie mit niedervalenten Haupt- und Nebengruppenelementen

*GDCh, Universität **Frankfurt**, 28.05.2014*

Roesky, Herbert W. :

Experimentalvortrag: Chemische Kabinettstücke

*GDCh, **Oldenburg**, 08.05.2014*

Roesky, Herbert W. :

Fluorine chemistry of group 14 elements with low valent oxidation states

*Humboldt Universität **Berlin**, 06.02.2014*

Roesky, Herbert W. :

Fluorine compounds of group 14 with low valent elements

*ACS Meeting, **San Francisco**, 09.-14.08.2014*

Roesky, Herbert W. :

Materials of low valent silicon and low valent transition metals

a) *IIT, **Mumbai**, 08.12.14*

b) *BARC, **Mumbai**, Lead Lecture, 09.12.2014*

Roesky, Herbert W. :

Preparation and reactions of species in the coordination sphere of main group and transition elements

*IRTG, **Münster**, 13.08.14*

Roesky, Herbert W. :

Small HOMO-LUMO energy gap favors the chemistry of low valent silicon and transition metals

*ACS Meeting, **Dallas**, USA, 15.-20.03.2014*

Roesky, Herbert W. :

The universe – a guide to new chemistry
University of Ljubljana, 02.-03.12.2014

Schulte, Thorben :

A new class of (a)chiral cages based on a helicene backbone
17. Norddeutsches Doktorandenkolloquium, Rostock, 11.09.2014

Schulte, Thorben :

Trans-cyclometalated chiral square-planar metal complexes
Koordiantionschemie Tagung, Kaiserslautern, 04.03.2014

Sheldrick, George M. :

1) Introduction to SHELX – structure solution with the new SHELXT
 2) Introduction to macromolecular hasing with SHELX
SHELX Workshop, Montreal, Canada, 05.08.2014

Sheldrick, George M. :

1) SHELXT – integrating space group determination and structure solution
 2) Some computational algorithms used in SHELX
IUCr Congress, Montreal, Canada, 11.-12.08.2014

Sheldrick, George M. :

Intrinsic phasing
MIT Crystallographic Symposium, Boston, USA, 22.02.2014

Sheldrick, George M. :

SHELXC/D/E
CCP4/DLS Workshop, Didcot, UK, 15.12.2014

Sheldrick, George M. :

The phase problem in macromolecular crystal structure determination
Murnau Lecture. Murnau, Germany, 10.09.2014

Siewert, Inke :

Activation of small molecules by first row transition metal complexes
Aus der Hexenküche der Materialwissenschaften, Goslar, 31.04.2014

Siewert, Inke :

Aktivierung kleiner Moleküle an Kupfer- und Cobaltkomplexen durch protonengekoppelte Mehrelektronentransferreaktionen
Bier und Brezel Fachschaft Chemie, Göttingen, 08.01.2014

Siewert, Inke :

Aktivierung kleiner Moleküle an Kupfer- und Cobaltkomplexen
Chemiedozententagung, Paderborn, 11.03.2014

Siewert, Inke :

Anorganische Bioelemente – Geringe Konzentration mit großer Wirkung
Schnupperpraktikum für Schülerinnen, Göttingen, 29.11.2014

Stalke, Dietmar :

1) What the synthetic chemist learns from charge density ?
 2) Low valent silicon
Vorträge im Rahmen des Workshops “Hot Topics in Contemporary Crystallography” of the Croatian Association of Crystallographers in Šibenik, Croatia, 10.-15.05.2014

Stalke, Dietmar :

A world of difference – alkali metal organic frameworks from ammonia
 a) *Invited talk at the Dipartimento di Chimica at the Università degli Studi Aldo Moro di Bari, Italy, 07.-11.04.2014*
 b) *Oral presentation at the ICC-41 in Singapore, 21.-25.07.2014*

Stalke, Dietmar :

Low valent silicon – a carbon copy ?

a) *Invited talk at the 10th Aarhus winter meeting of the Danish Chemical Society at the University of Aarhus, Denmark, 24.01.2014*

b) *Plenary talk at the annual meeting of the DGK at the Freie Universität **Berlin**, 17.-20.03.2014*

c) *GDCh-Kolloquium am Institut für Physik der Universität **Augsburg**, 06.05.2014*

Stalke, Dietmar :

What a synthetic chemist learns from charge density

*GDCh-Kolloquium am Institut für Chemie der Universität **Rostock**, 22.05.2014*