

VORTRÄGE 2012

Albers, Antonia:

A Functional Model for Rieske-type [2Fe-2S] Clusters

Joint Workshop IRTG 1422 und FOR 1405 in Hofgeismar, 12.04.12

Beer, Günther:

Lampadius' akademisches Umfeld an der Universität Göttingen

Vortragstagung: Wilhelm August Lampadius 8. August 1772 – 13. April 1842 Chemiker, Erfinder, Fachschriftsteller und Hüttenmann, Freiberg (Sachsen), 11.-14.04.12

Böhnisch, Torben:

C2-Symmetric Pyrazolate-Bridged Bis(oxazoline) Ligands: New Scaffolds for Bimetallic Asymmetric Catalysis

Joint Workshop CaSuS/NanoKat, Braunfels, 28.06.12

Burger, Boris:

The Carboxylate Shift and the Carboxylate Twist: Unusual Dynamics at Pyrazolate-based Bioinspired Diiron Sites

8. Koordinationschemie-Treffen, Universität Dortmund, 26.-28.02.12

Carl, Elena:

Metal Complexes of Polyimido Phosphanyl Sulfur Ligands

CaSuS Tagung, Wetzlar, 27.-29.06.12

Clever, Guido H.:

Beyond Platonic Solids: Low Symmetric, Intertwined and Interpenetrated Coordination Cages

Inorganic Chemistry Colloquium, RWTH Aachen, 20.01.12

Clever, Guido H.:

Control over Cavity Size & Shape in Anion-binding Coordination Cages

Chemistry Colloquium, Jacobs University Bremen, 13.12.12

Clever, Guido H.:

Coordination Cages

BuilMoNa Graduate School workshop, Leipzig University, 27.-29.06.12

Clever, Guido H.:

Functional Coordination Cages: Structural Complexity, Guest Binding and Impulses for Energy Conversion Processes

Second German-Japanese University Presidents' Conference HeKKSaGOn, Kyoto University, 29.-30.03.12

Clever, Guido H.:

Functional Coordination Cages: Structural Control, Metal Stacking and Allosteric Ion Binding

a) Fudan University (Shanghai), 23.04.12

b) East China Normal University (Shanghai), 24.04.12

c) Zhejiang University (Hangzhou), 25.04.12

d) Nanjing University (Nanjing), 02.05.12

e) Nanjing University of Technology (Nanjing), 03.05.12

f) Alexander von Humboldt Foundation's 5th Sino-German Frontiers of Science (SinoGFOS) symposium, Nanjing, China, 26.-29.04.12.

Clever, Guido H.:

Interpenetration und allosterische Anionenbindung von Supramolekularen Koordinationskäfigen

Chemiedozententagung Freiburg, 04.-06.03.12

Clever, Guido H.:

Positive Cooperativity in Anion Binding by Light-switchable and Interpenetrated Coordination Cages

SFB 858 (Cooperative Effects) workshop, Münster University, 14.08.12

Clever, Guido H.:

Structure-Function Relationships in Coordination Cages

International Conference on Coordination Chemistry (ICCC), Valencia, 09.-14.09.12

Clever, Guido H.:

Structure-Function Relationships in Anion-Binding Coordination Cages
Inorganic Chemistry Colloquium, Köln University, 05.12.12

Clever, Guido H.:

Switchable and Allosteric Anion Binding in Self-Assembled Coordination Cages
Japanese-German Symposium on Coordination Programming, Münster University, 25.-27.20.12 □

Clever, Guido H.:

Verheddert, gestaucht und verknotet: Koordinationskäfige jenseits Platonischer Körper
Chemistry Colloquium, TU Braunschweig, 09.05.12

Dauer, David-Raphael:

On the brink to metallocarbenes
Center for Materials Crystallography (CMC) 5th workshop, Aarhus/DK, 14.08.12

Dittrich, Birger ; Hübschle, Christian B.:

Introduction to MolecoolQt
The 27th European Crystallographic Meeting, Bergen, Norway, 07.08.12

Dittrich, Birger ; Pröpper, Kevin ; Meents, Alke ; Bond, Charles S.:

On combining synchrotron radiation and invariom refinement: opportunities for high-throughput small molecule and ultra-high resolution macromolecular refinement
SAGAMORE XVII Conference on Electron Charge, Spin and Momentum Densities, Hokkaido (Japan), 15.-20.07.12

Dittrich, Birger:

Non-spherical electron densities using invarioms: Introduction, applications and examples of invariom refinement
Bruker webinar, 08.05.12

Engelhard, David:

NMR-Based Structure Determination of an Intertwined Coordination Cage resembling a Double Trefoil Knot
Göttinger Chemie Forum 2012, Göttingen, 11.07.12

Engelhardt, Felix:

Charge Density Distribution in [(diglyme)₂Li][Cp₂Li]
CMC 6th workshop, Göttingen, 22.11.12

Frank, Marina:

Funktionelle multitope und dendritische Organisationseinheiten auf Basis von Koordinationskäfigen und deren Aggregation zu redoxaktiven Vesikeln und Oberflächen
Evonik Foundation meeting, Essen, 03.05.12

Freye, Sabrina:

Allosterische Halogenidbindung durch einen interpenetrierenden Doppelkäfig
Koordinationschemietreffen Dortmund, 28.02.12

Ghadwal, Rajendra:

Kleine, aber ungewöhnliche Moleküle
GDCh Weihnachtsskolloquium der Fakultät für Chemie, Göttingen, 13.12.12

Granitzka, Markus:

[2-Thienyllithium*diglyme] - a Pentuple Ion
Center for Materials Crystallography (CMC) 5th workshop, Aarhus, DK, 13.8.12

Granitzka, Markus:

Single Crystal, Split or Powder - Criteria of Data Quality
APEX2 Workshop – Twinning and Disordered Samples, Taipei (Taiwan), 20.03.12

Grüne, Tim:

1) Advanced Applications of SHELXD and SHELXE
2) Macromolecular Phasing: Solving the Substructure
Present and Future Methods for Biomolecular Crystallography", Erice, Italien, 5.-6.06.12

Grüne, Tim:

1) The Shelx Suite: Applications to Macromolecular Crystallography
 2) Fundamentals on Diffraction Data Integration and Data Reduction
Macromolecular Crystallography School", Madrid, Spanien, 26.-27.05.12

Grüne, Tim:

How to trace polynucleotides
20th Bruker Users' Meeting, Bad Herrenalb, 27.09.12

Grüne, Tim:

Macromolecular Phasing with SHELX C/D/E
CCP4/APS Summer School", Chicago USA, 22.06.12

Grüne, Tim:

Refinement of Macromolecular Neutron Data with shelxl
BER-II Users' Meeting, Berlin, 12.12.12

Guo, Tongxun:

Pyrazole-Bridged Bis-(N-Heterocyclic Carbene)Ligands and their Bimetallic Palladium Complexes
Joint Workshop CaSuS/NanoKat, Braunfels, 27.06.12

Han, Muxin:

Controlled Self-Assembly of Coordination Cages through Rational Ligand Design
15. Norddeutsches Doktorandenkolloquium, Krelingen, 24.09.12

Han, Muxin:

Self-Assembled Coordination Cages and Their Structural Control by Subtle Ligand Variation
Joint Workshop CaSuS/NanoKat, Braunfels, 27.06.12

Herbst-Irmer, Regine

Anharmonic Nuclear Motion in Charge Density Studies
10 Years Incoatec, Workshop on Instrumentation & Science, Geesthacht, 01.06.12

Herbst-Irmer, Regine:

1) Constraints and Restraints
 2) Introduction to Twinning
 3) Examples of (Pseudo-)Merohedral Twins
 4) Examples of Twinned Structures: Non-merohedral Twins
Bruker Workshop on Problem Structures, Taipei, 20.-22.03.12

Herbst-Irmer, Regine:

Anharmonic Motion in Charge Density Studies
 a) *6th European Charge Density Meeting, Strbske Pleso, 15.-20.09.12*
 b) *CMC, 6th Workshop, Göttingen, 22.11.12*

Herbst-Irmer, Regine:

Resolution dependent scaling – a solution for problems in a multipole refinement
27th European Crystallographic Meeting, Bergen, 06.-11.08.12

Hey, Jakob:

A Crystallographic Study on a Very Small Piano Stool Complex
CMC 6th workshop, Göttingen, 22.11.12

Hey, Jakob:

Demonstration Lesson on Disorder
APEX2 Workshop – Twinning and Disordered Samples, Taipeh (Taiwan), 20.03.12

Hübschle, Christian B. ; Dittrich, Birger ; Sheldrick, George M.:

ShelXle - A cute GUI for SHELXL
20th Annual Meeting of the German Crystallographic Society (DGK) Munich, 13.03.12

Hübschle, Christian B. ; Dittrich, Birger ; Sheldrick, George M.:

ShelXle a graphical-user-interface for SHELXL
20th users' meeting in Single Crystal X-ray Diffraction in Bad Herrenalb, Germany, 24.09.2012

Hübschle, Christian B.:

New Features in MoleCoolQt

European Charge Density Meeting – ECDM6, Strbske Pleso, Slowakia, 19.09.12

Irmer, Erhard ; **Wolf**, Kai ; **Wilke**, Timm ; **Waitz**, Thomas:

Von chemischen Chamäleons und magnetisierbaren Salzen – Neues aus der Komplexchemie

MNU-Tagung Bremerhaven, 20. 11.12

John, Michael:

⁷Li Residual Quadrupolar Couplings and Diffusion of Organolithiums into PS Gels

34. Tagung der GdCh-Fachgruppe Magnetische Resonanzspektroskopie, Halle, Germany, 19.09.12

Kratzert, Daniel:

A short introduction to Bruker-AXS SAINT and R-Latt

APEX2 Workshop – Twinning and Disordered Samples, Taipeh (Taiwan), 20.03.12

Kratzert, Daniel:

Two isomers of Hexasilabenzene in an Experimental Charge Density Study

Seminar "Advanced Crystal Structure Analysis", Göttingen, Dezember 2012

Meyer, Franc:

A Glimpse of the Joy of Coordination Chemistry: Biomimetic Metallosites, Bioinspired Catalysts, and Beyond

A. Chakravorty Endowment Lecture auf dem NSC-14 Symposium, Trivandrum/Indien, 04.02.12

Meyer, Franc:

Binuclear Complexes of the Siamese Twin Porphyrin

40th International Conference on Coordination Chemistry – ICC40, Valencia/Spanien, 12.09.12

Meyer, Franc:

Controlling Metal Ion Cooperativity: Multistable Grid Complexes and the Siamese Twin Porphyrin

Deutsch-Japanisches Koordinationschemie-Symposium, Universität Münster, 26.10.12

Meyer, Franc:

Cooperating Metal Centers: from Metallobiosites to Magnetic Nanoswitches

Indian Institute of Technology Bombay/Indien, 01.02.12

Meyer, Franc:

Kooperierende Metallzentren in Mehrkernkomplexen: von Enzymmodellen zu magnetischen Schaltern

GDCh-Vortrag in der Chemischen Fakultät der Universität Rostock, 12.01.12

Meyer, Franc:

Kooperierende Metallzentren in Mehrkernkomplexen: von Enzymmodellen zur bioinspirierten Katalyse

GDCh-Vortrag in der Chemischen Fakultät der Universität Regensburg, 02.07.12

Meyer, Franc:

Mehrkernkomplexe als molekulare Nanoschalter

Institutskolloquium der der Universität Augsburg, 11.06.12

Meyer, Franc:

Metallzentren im Duett: von Enzymmodellen zu Nanoschaltern

a) Anorganisch- und Analytisch-Chemisches Kolloquium der Universität Marburg, 09.01.12

b) GDCh-Vortrag in der Chemischen Fakultät der Universität Köln, 30.10.12

Meyer, Franc:

Molecular Nanoswitches – A Chemist's Approach

Spring Workshop der NTH School for Contacts in Nanoswitches, Goslar, 11.05.12

Meyer, Franc:

Neues zu biomimetischen Fe/S-Clustern, den Vielzweck-Funktionseinheiten der Natur

a) Kolloquium der Heidelberger Chemischen Gesellschaft der Universität Heidelberg, 17.07.12

b) Vortrag zur Verleihung des Horst-Dietrich-Hardt-Preises, Universität des Saarlandes in Saarbrücken, 29.10.12

Meyer, Franc:

New Turns in Biomimetic Fe/S Chemistry: Functional Models for the Rieske Center and Related [2Fe-2S]-Cluster

H₂-Designcells Meeting des BMBF, Köln, 04.06.12

Meyer, Franc:

New Turns in Biomimetic Fe/S Chemistry: Reduced and Superreduced [2Fe-2S] Clusters and Proton-Coupled Electron Transfer of the First Functional Models for Rieske Centers

11th European Biological Inorganic Chemistry Conference, Granada/Spain, 15.09.12

Neudeck, Sven:

Synthesis and Investigation of New Ruthenium-Based Complexes as Water-Oxidation Catalysts

Joint Workshop CaSuS/NanoKat, Braunfels, 28.06.12

Pereira, Fernanda A.:

Controlled folding and conformational changes in dynamics, metal-mediated DNA constructs

AUGM (Asociación de Universidades del Grupo Montevideo), Curitiba-PR, Brasil, 05.10.12

Pöppler, Ann-Christin:

Anisotrope NMR-Spektroskopie an organometallischen Verbindungen

Hannover, Winterfeldtpreis 2012, Juli 2012

Pöppler, Ann-Christin:

Polymer Gels for the Analysis of Organometallic Compounds in Solution

Second DFG research unit meeting "FOR 934", Darmstadt, 04.-05.12.12

Pöppler, Ann-Christin:

RQCs - Anisotropic NMR parameters and the aggregation of lithiumorganic compounds

Aarhus, DK Center for Materials Crystallography (CMC) 4th workshop, 25.01.12

Pröpper, Kevin ; Holstein, Julian J. ; Hübschle, Christian B. ; Bond, Charles S. ; Dittrich, Birger:

Invariom refinement of a new dimeric monoclinic solvate of thioestrepton at high resolution.

IBMB-CSIC Biomed Seminar, Barcelona, 03/2012

Pröpper, Kevin ; Meindl, Kathrin ; Rodriguez, Dayté ; Sammito, Massimo ; Dittrich, Birger ; Sheldrick, George M. ; Pohl, Ehmke ; Usón, Isabel:

DNA - Protein complex structure solution.

30th European Crystallographic Meeting, Bergen (Norwegen), 06.-10.08.12

Rittmeier, Markus:

Copper(I)-specific Chelators for the Treatment of Alzheimer's Disease

Joint Workshop IRTG 1422 and FOR 1405, Hofgeismar, 12.04.12

Roesky, Herbert W.:

The stabilization of compounds with low valent elements in the presence of Lewis acids and bases

Indian International Symposium on Fluorine Chemistry, Delhi, Indien 21.02.12

Roesky, Herbert W.:

Chemistry inspired by interstellar molecules

Annual Chemistry Lecture Nehru Center, Bangalore, Indien, 23.02.12

Roesky, Herbert W.:

The impact of Bartlett's discovery on science and education

Bartlett Symposium 50 years of Xenon chemistry, Vancouver, Canada, 23.03.12

Roesky, Herbert W.:

Fluorine compounds with low valent main group elements

20th International Symposium on Fluorine Chemistry, Kyoto, Japan, 23.07.12

Roesky, Herbert W.:

Chemistry of low valent silicon

a) XXV International Conference on Organometallic Chemistry, Lissabon, Portugal, 03.09.12

b) Universität Graz, Oesterreich, 23.11.12

Roesky, Herbert W.:

Chemie von ihrer schönsten Seite

Jahrestagung der Gesellschaft der Naturforscher und Ärzte, Göttingen, 15.09.12

Schneider, Sven:

Late Transition Metal PNP Pincer Platforms for Nitrogen Fixation Model Chemistry

XXV Internat. Conf. on Organomet. Chemistry (XXV ICOMC), Lissabon, Portugal, 02.-07.09.12

Sheldrick, George M.:

A new approach to crystal structure solution

San Diego, USA, 23.03.12

Sheldrick, George M.:
 Basic concepts of experimental phasing and substructures
Zaragoza, Spain, 13.03.12

Sheldrick, George M.:
 Density modification and phasing with SHELXC/D/E
Zaragoza, Spain, 14.03.12

Sheldrick, George M.:
 Progress in macromolecular phasing using in-house data
Bad Herrenalb, Germany, 27.09.12

Sheldrick, George M.:
 SAD, SIRAS and MAD phasing with SHELXC/D/E
Oulu, Finland, 31.01.12

Sheldrick, George M.:
 SHELXL-2012 – New ideas in crystal structure refinement
Bad Herrenalb, Germany, 25.09.12

Sheldrick, George M.:
 SHELXL-2012.
ACA Meeting, Boston USA, 01.08.12

Sheldrick, George M.:
 XPREP, SADABS and TWINABS
Oulu, Finland, 01.02.12

Stalke, Dietmar:
 A World of Difference – Alkali Metal Organic Frameworks from Ammonia
Invited lecture at the Indo-German Conference on Complex Chemical Systems at the IISER Bhopal, India; 03.-06.12.12

Stalke, Dietmar:
 Die Struktur-Reaktivitäts-Beziehung im Lichte der Dichte
GDCh Kolloquium an der Technischen Universität Kaiserslautern, 27.11.12

Stalke, Dietmar:
 From IAM to AIM - What is required?
SHELX 2012 Workshop an der Universität Göttingen, 14.12.12

Stalke, Dietmar:
 Lithium Ammoniacates with Cyclic Carbanions
1st Symposium on Industrial Organometallic Chemistry SIOC in Goslar, 04.-06.09.12

Stalke, Dietmar:
 Low Valent Silicon
 a) *27th Meeting of the European Crystallographic Association ECM27 at Bergen University, Norway, 06.-11.08.12*
 b) *6th European Charge Density Meeting ECDM6 in Strbske Pleso, High Tatra, Slovakia, 15.-20.09.12*
 c) *Plenary lecture at the 20th Bruker Users' Meeting in Bad Herrenalb, 23.-27.09.12*

Stalke, Dietmar:
 Modulated lithium electrode affinity via ammonia donation
Second German-Japanese University Presidents' Conference HeKKSAGOn at the Kyoto University, Japan, 29.-30.03.12

Stalke, Dietmar:
 Was lernt der präparative Chemiker aus der Elektronendichte?
Anorganisch Chemischen Kolloquiums an der Universität Essen, 16.01.12

Stalke, Dietmar:
 What a synthetic chemist learns from charge density
Anorganisch Chemischen Kolloquium an der Universität Freiburg, 12.12.12

Thorn, Andrea:
 An introduction to twinning
ZCAM Workshop 2012, Zaragoza, Spain, 12.03.12

Thorn, Andrea:
Anisotropy in macromolecular crystal structures
GRC 'Diffraction methods', Lewiston MA, USA, 19.07.12

Thorn, Andrea:
ANODE: anomalous and heavy-atom density calculation
Bruker User's Meeting, Germany, 26.09.12

Thorn, Andrea:
Hellethionin D: A S-SAD story
HEC15, Beilngries, Germany, 29.09.12

Thorn, Andrea:
SHELXC/D/E
CCP4 Workshop, Fukuoka, Japan, 31.10.12

Thorn, Andrea:
Twinning
a) *Meeting of the American Crystallographer's Association, Boston, USA, 28.07.12*
b) *CCP4 Workshop, Fukuoka, Japan, 30.10.12*

Waitz, Thomas:
Innovative Lehr-/Lernformen und neue Inhalte für das Fach Chemie an Schule und Hochschule
Universität Münster, 14.11.12

Waitz, Thomas:
„Nano“ – Ein Thema nur für die Forschung oder auch für den Chemieunterricht?
MNU-Tagung, Göttingen, 11.10.12

Waitz, Thomas:
„Nano“ – Eine vernachlässigte Dimension im Chemieunterricht?
GDCh-Tagung, Freiburg, 14.09.12

Waitz, Thomas:
Nanoporous Materials – From Synthesis Concepts to Chemical Education Aspects
a) *Anna University, Indien, 23.08.12*
b) *Pondicherry University, Indien, 28.08.12*
c) *University of Madras, Chennai, Indien, 30.08.12*

Waitz, Thomas:
A Chemical Gallery Walk through German and Indian Supermarkets
Indo-German Urban Mela, Chennai, Indien, 26.08.12

Waitz, Thomas:
Enhancing Chemical Education in Laboratory Using Videos and the LMS-ILIAS
Anna University, Indien, 23.08.12

Waitz, Thomas:
Nanoporous Materials in Chemical Education
Biennial Conference on Chemical Education (BCCE), Pennstate University, USA, 01.08.12

Waitz, Thomas:
Self-Assessment and Differentiated Exercising – A Promising Combination for Test Preparation
Biennial Conference on Chemical Education (BCCE), Pennstate University, USA, 31.07.12

Wolf, Hilke:
Phase Transition in Paracyclophane
CMC 6th Workshop, Göttingen, 22.11.12