

Japanese-German Symposium on Coordination Programming

25. - 27.10.2012

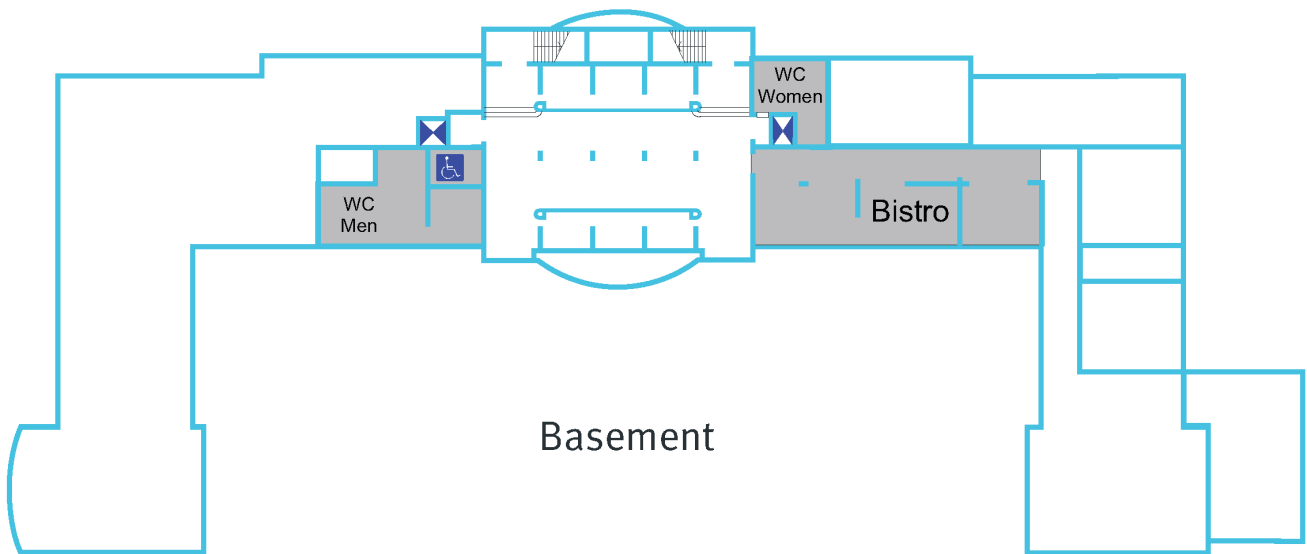
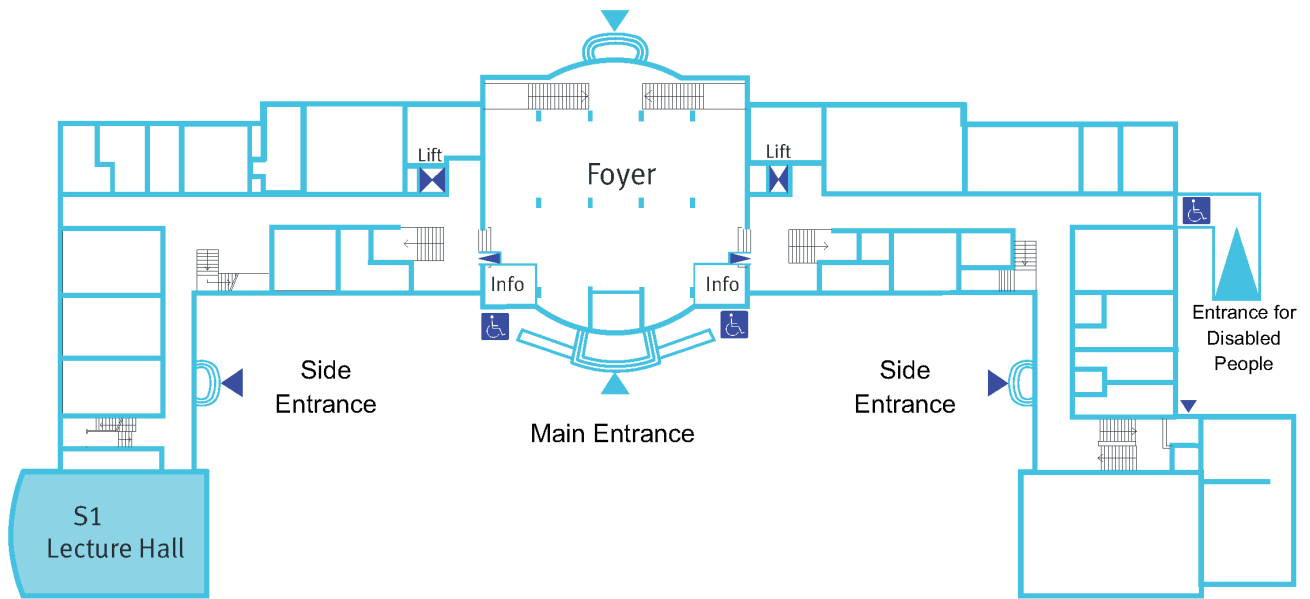


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Local Organization: Prof. Jens Müller

Thursday, 25th October 2012

- 08:30 – 09:00** **Registration**
- 09:00 – 09:15** **Opening and Welcome Address**
- 09:15 – 10:45** **Session 1** (Chair: Jens Müller)
- 09:15 L1: **Hiroshi Kitagawa** (Kyoto University)
Solid-state Protonics in MOF & SurMOF
- 09:45 L2: **Martin Bröring** (Technische Universität Braunschweig)
Coordination polymers from linear oligopyrrole ligands
- 10:15 L3: **Kimihisa Yamamoto** (Tokyo Institute of Technology)
Formation of Subnano Pt Particles using a Dendrimer Reactor
- 10:45 – 11:15** **Coffee Break**
- 11:15 – 12:45** **Session 2** (Chair: Kimihisa Yamamoto)
- 11:15 L4: **Guido Clever** (Georg-August-Universität Göttingen)
Switchable and Allosteric Anion Binding in Self-assembled Coordination Cages
- 11:45 L5: **Ken Sakai** (Kyushu University)
Hydrogen Evolution from Water Catalyzed by Pt(II)-based Molecular Systems
- 12:15 L6: **Iris Oppel** (RWTH Aachen)
Supramolecular coordination chemistry - nano puzzle and more
- 12:45 – 15:00** **Lunch Break**
- 15:00 – 16:50** **Session 3** (Chair: Martin Bröring)
- 15:00 L7: **Masayoshi Higuchi** (National Institute for Materials Science)
Display Devices Using Metallo-Supramolecular Polymers
- 15:30 L8: **Wolfgang Kaim** (Universität Stuttgart)
Chemistry of Non-innocent Ligands: More than Electron Transfer?
- 16:00 L9: **Rie Makiura** (Osaka Prefecture University)
Highly ordered molecular nanosheets assembled at liquid/air interfaces
- 16:20 L10: **Mario Ruben** (Karlsruher Institut für Technologie)
Surface-confined Coordination Chemistry
- 17:00 – 18:30** **Poster Session**

Friday, 26th October 2012

09:00 – 10:50 **Session 4** (Chair: Bernhard Lippert)

09:00 L11: **Kentaro Tanaka** (Nagoya University)

Programmable Architecture of Supramolecular Metal Arrays and Nanoporous Soft Materials

09:30 L12: **Franz Meyer** (Georg-August-Universität Göttingen)

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

10:00 L13: **Kazuya Kikuchi** (Osaka University)

Design, Synthesis and Biological Application of Molecular Imaging Probes with Tunable Chemical Switches

10:30 L14: **Akira Onoda** (Osaka University)

Programmed Hierarchical Assemblies of Hemoproteins toward Functional Biodevices

10:50 – 11:15 **Coffee Break**

11:15 – 12:45 **Session 5** (Chair: Kentaro Tanaka)

11:15 L15: **Eva Rentschler** (Johannes Gutenberg-Universität Mainz)

Controlling Magnetism by Controlling the Dimensionality of Metallophosphonates

11:45 L16: **Norifumi Fujita** (The University of Tokyo)

Molecular Programming on Tetra-substituted Ferrocenes for Nano- and Mesoscale Assemblies

12:15 L17: **Christoph Janiak** (Heinrich-Heine-Universität Düsseldorf)

Metal-organic frameworks: From heat transformation to membranes

12:45 – 15:00 **Lunch Break**

15:00 – 16:30 **Session 6** (Chair: Iris Oppel)

15:00 L18: **Makoto Fujita** (The University of Tokyo)

Solution Chemistry in the Crystals of Networked Molecular Hosts

15:30 L19: **Annie Powell** (Karlsruher Institut für Technologie)

The coordination cluster as building block for nanoscale materials

16:00 L20: **Hiroki Oshio** (Tsukuba University)

Multi-bistable Metal Complexes

16:30 – 17:00 **Coffee Break**

17:00 – 18:30

Session 7 (Chair: Hiroki Oshio)

17:00

L21: **Masaaki Ohba** (Kyushu University)

Interlock protocol between magnetic and porous properties

17:30

L22: **Roland Fischer** (Ruhr-Universität Bochum)

Surface-Mounted Metal-Organic Frameworks

18:00

L23: **Hitoshi Miyasaka** (Kanazawa University)

Control of Charge Transfer in Donor/Acceptor Frameworks (DAFs)

Saturday, 27th October 2012

09:00 – 11:00 **Session 8** (Chair: Guido Clever)

09:00 L24: **Hiroshi Nishihara** (The University of Tokyo)
*Coordination Programming of Electro-functional Metal Complex
Oligomer Wires and Networks*

09:30 L25: **Ekkehardt Hahn** (Westfälische Wilhelms-Universität Münster)
*Metallosupramolecular Coordination Chemistry with Poly-NHC
Ligands*

10:00 L26: **Tsuyoshi Kawai** (Nara Institute of Science and Technology)
*Circularly Polarized Luminescence of Lanthanide Complexes
Evaluated with Molecular Chirality Microscope*

10:30 L27: **Christian Limberg** (Humboldt Universität zu Berlin)
*Heterometallic Systems involving Bismuth: Extended Metallic
Frameworks and Novel Bismuth-Transition Metal Interactions*

11:00 – 11:30 **Coffee Break**

11:30 – 13:30 **Session 9** (Chair: Hiroshi Nishihara)

11:30 L28: **Tomoaki Tanase** (Nara Women's University)
Low-Valent Extended Metal Atom Chains

12:00 L29: **Rhett Kempe** (Universität Bayreuth)
Some progress in metal-metal bonding

12:30 L30: **Masahiro Yamashita** (Tohoku University)
*Quantum Molecular Spintronics Based on Multiple-Decker
Phthalocyanato Lanthanide(III) Single-Molecule Magnets*

13:00 L31: **Bernhard Lippert** (Technische Universität Dortmund)
*Discrete Molecular Constructs Composed of Pt(II) and Pd(II) Entities
and N-Heterocyclic Ligands of Low Symmetry or with Conformational
Flexibility*

13:30 – 13:40 **Concluding remarks** (Jens Müller)

13:40 – 13:50 **Concluding remarks** (Hiroshi Nishihara)