

Program

Sunday, January 28

- ~ 10:00 a.m. departure from Erlangen, Nikolaus-Fiebiger-Str. 10
~ 3:00 p.m. arrival in Kirchberg, check-in
- 4:00 p.m. Coffee and Welcome Reception
- 4:50 p.m. Opening Ceremony
5:00 p.m. Session I; Chair: Norbert Jux
- 5:00 p.m. **Markus Meyer** (Fink)
Soft matter composites examined - prospects of data recording and evaluation
- 5:25 p.m. **Kevin Padberg** (Kivala)
Dithienophosphepines - Directly Functionalizable Organophosphorus π -Systems
- 5:50 p.m. **Martin Minameyer** (Drewello)
Cycloparaphenylenes (CPPs) and their Complexes in the Gas Phase
- 6:15 p.m. Dinner
8:00 p.m. Session II; Chair: Andreas Hirsch
- 8:00 p.m. **Vicent Lloret** (Hirsch)
Exploring the Formation of Black Phosphorus Intercalation Compounds with Alkali Metals
- 8:25 p.m. **Baolin Zhao** (Halik)
Fine Tuning The Semiconducting Properties Of Self-assembled Monolayer Field Effect Transistors
- 8:50 p.m. **Caroline Sauer** (Heinrich)
Trapping of thiyl radicals and its application in biological systems
- 9:15 p.m. **Bahanur Becit** (Zahn)
Molecular mechanisms of mesoporous silica formation from colloidal silica particles
- 9:40 p.m. **Ilias Papadopoulos** (Guldi)
Status Quo of Singlet Fission
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Monday, January 29

- 9:00 a.m. Breakfast
9:00 a.m. - Ph. D. students: project-oriented group work
Professors: Status quo report and discussion on GSMS status; new funding
- 2:30 p.m. Session III; Chair: Rainer Fink
- 2:30 p.m. **Kemal Gogic** (Schatz)
Supramolecular Chemistry of Halogenated Anthracene Derivatives Involving σ -Hole Interactions
- 2:55 p.m. **Isabell Wabra** (Hirsch)
Chemistry of Fulleride Salts
- 3:20 p.m. **Wintana Tzegai** (Burzlaff)
Dioxygen Activation by Copper Complexes
- 3:45 p.m. Coffee break
4:00 p.m. Session IV; Chair: Bernd Meyer
- 4:00 p.m. **Sven Maisel** (Görling)
Ga-rich mixtures as supported liquid metal catalysts
- 4:25 p.m. **David Reger** (Jux)
Superhelicenes
- 4:50 p.m. **Vladimir Akhmetov** (Amscharov)
New approaches to the total synthesis of geodesic polyarenes
- 5:15 p.m. **Marcel Krug** (Guldi)
Photoinduced Electron Transfer in Supramolecular Zinc Phthalocyanine/Fullerene Hybrids
- 5:40 p.m. **Benedikt Grau** (Tsogoeva)
Three-Component Domino Knoevenagel/Vinylogous Michael Reaction: Entry to Challenging o-Terphenyls
- 6:05 p.m. Dinner
8:00 p.m. Workshop and discussion
- 8:00 p.m. Workshop "Promoting young researchers"
- 9:00 p.m. Discussion; Chair: Carmen Pospisil
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Tuesday, January 30

- 9:00 a.m. Breakfast
 - 9:00 a.m. - Ph. D. students: project-oriented group work
Professors: Status quo report and discussion on GSMS status; new funding

 - 2:30 a.m. Project sessions; Chairs: Markus Heinrich, Frank Hauke

 - 2:30 p.m. **Marco Sarcletti, Christian Ott, Tobias Luchs, Max Martin**
Mechanically Interlocked Polymers – A New Class of Material

 - 3:00 p.m. **Nina Hegmann, Benedikt Grau, Oliver Fischer, Lena Kersting**
Switching Solutions - (Dis)solving Problems

 - 3:30 p.m. **Vladimir Akhmetov, Mikhail Feofanov, Ann-Kristin Steiner**
Buckybowls for belt-like shaped Nanoreactors

 - 4:00 p.m. Coffee break
 - 4:15 p.m. Project session II; Chairs: Jürgen Schatz, Norbert Jux

 - 4:15 p.m. **Helen Hölzel, Cornelius Weiß, David Reger, Philipp Haines**
Organic building blocks as the foundation for chirality induced spin selectivity

 - 4:45 p.m. **Baolin Zhao, Muhammad Ali, Judith Wittmann, Stefan Wild,**
Removal of environmentally harmful compounds based on supramolecular receptors

 - 5:15 p.m. Meeting of GSMS and ICMM members; evaluation of the projects

 - 6:00 p.m. Take-off for conference dinner

 - ~7:00 p.m. Conference dinner and award ceremony in Gaisberghütte
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Wednesday, January 31

- 9:00 a.m. Breakfast
 9:00 a.m. - Ph. D. students: project-oriented group work
 Professors: Status quo report and discussion on GSMS status; new funding
- 2:30 p.m. Session VI; Chair: Konstantin Amsharov
- 2:30 p.m. **Wiebke Alex** (Guldi)
Identifying Intermediates in the Heterogeneous Carbon Dioxide Reduction
- 2:55 p.m. **Michaela Dobeneck** (Hirsch)
Synthesis and Characterisation of Novel Rylene Dyes
- 3:20 p.m. **Tobias Bachmann** (Mokhir)
A red-light triggered system for detection of RNA in living cells
- 3:45 p.m. Coffee break
 4:00 p.m. Session VII; Chair: Andriy Mokhir
- 4:00 p.m. **Nina Fröhlich** (Kivala)
 π -Expansion of N-Heterotriangulenes
- 4:25 p.m. **Judith Wittmann** (Halik)
Tunable fluorescence by hierarchical structure formation based on functionalized oxide nanoparticles
- 4:50 p.m. **Christoph Vogel** (Guldi)
Functionalized Carbon Nanodots in Supramolecular Electron Donor-Acceptor Systems
- 5:15 p.m. **Michael Ruppel** (Jux)
Tetrabenzoporphyrins as Precursors Towards Graphene-Porphyrin Hybrids
- 5:40 p.m. **Muhammad Ali** (Hirsch)
Nanoparticle Networks between Hamilton Receptor Functionalized Gold Nanoparticles and Cyanurate Functionalized Titanium Dioxide Nanoparticles
- 6:05 p.m. Dinner
 8:00 p.m. Session VIII; Chair: Dirk Guldi
- 8:00 p.m. **Florian Wullschläger** (B. Meyer)
Dislocations in bilayer graphene
- 8:25 p.m. **Viktoria Gensch** (Kivala)
Synthesis and Study of Trithia-bridged N-heterotriangulenes
- 8:50 p.m. **Michel Volland** (Guldi)
Non-covalent functionalisation of nanographene with push-pull chromophores
- 9:15 p.m. **Emily Friis** (Burzlaff)
Fluorescent inhibitors for PHD-2
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Thursday, February 1

- 9:00 a.m. Breakfast
 9:00 a.m. - Ph. D. students: project-oriented group work
 Professors: Status quo report and discussion on GSMS status; new funding
- 2:30 p.m. Session IX; Chair: Sabine Maier
- 2:30 p.m. **Johannes Nebauer** (Kivala)
N- and P-doped polycyclic aromatic hydrocarbons (PAHs)
- 2:55 p.m. **Christian Henkel** (Guldi)
Old Catalyst but New Story: Revealing the Reaction Mechanism behind the Novel Disulfide-Ene-Click Reaction
- 3:20 p.m. **Jörg Tomada** (Amsharov)
Synthesis of Precursors for Chirality Pure SWCNTs - A Nanoscale Puzzle
- 3:45 p.m. Coffee break
 4:00 p.m. Session X; Chair: Marcus Halik
- 4:00 p.m. **Mikhail Feofanov** (Amsharov)
Ca/Mg - catalysed addition of indoles to activated olefine
- 4:25 p.m. **Patrick Lorenz** (Hirsch)
Novel Norbornadiene – Fullerene Hybrids
- 4:50 p.m. **Bingzhe Wang** (Guldi)
Fullerene/(metallo)porphyrin cocrystals
- 5:15 p.m. **Tim Hawly** (Harder)
Organic thin film formation at the liquid-liquid interface for potential electronic applications
- 5:40 p.m. **Aysun Capci** (Tsogoeva)
Access to highly potent antimalarial and antiviral agents via hybridization of natural products
- 6:00 p.m. Dinner
 8:00 p.m. Session VIII; Chair: Andreas Hirsch
- 8:00 p.m. **Oliver Fischer** (Heinrich)
Structure-Activity Relationship of Compounds Targeting Malaria Gametocytes
- 8:25 p.m. **Ramandeep Kaur** (Guldi)
[10]CPP Nanohoops: New Building Block for Constructing Novel electron Donor-Acceptor Systems
- 8:50 p.m. **Arber Uka** (Amsharov)
Syntheses of atomically precise carbon based heteronanostructures
- 9:15 p.m. **Gina Zeh** (Mokhir)
Oligoferrocenes as Anti-Cancer-Drugs
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Friday, February 2

- 9:00 a.m. Breakfast and check-out
9:00 a.m. Session XI; Chair: Norbert Jux
- 9:00 p.m. **Siegfried Eigler** (Guest Lecturer)
From graphite to graphene derivatives with vacancies as structural motifs
- 10:30 a.m. check-out (if not done yet)
- ~ 11:00 a.m. departure from Kirchberg/Tirol
~ 5:00 p.m. arrival in Erlangen, Nikolaus-Fiebiger-Str. 10.

Please note: The arrival time in Erlangen strongly depends on weather conditions, traffic and controls at the austrian/german border.
