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 thiyi 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
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
**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
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)
*Tetraphenylporphyrins 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. 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*
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)

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_
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.