

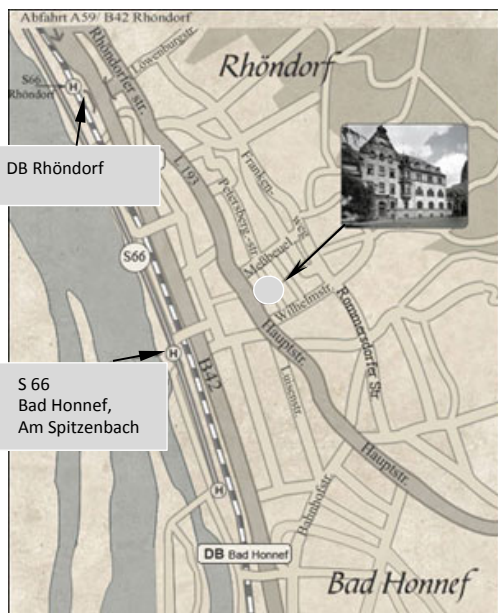
Travel instruction

Physikzentrum Bad Honnef, Hauptstr. 5
53604 Bad Honnef



By train: Railway station „Rhöndorf“

By tram: S-Bahn 66, station „Bad Honnef, Am Spitzenbach“



Organization

Prof. Dr. Arne Lützen

Kekulé Institute of Organic Chemistry
University of Bonn, Tel.: +49 228 737533
Email: arne.luetzen@uni-bonn.de

Prof. Dr. Sigurd Höger

Kekulé Institute of Organic Chemistry
University of Bonn, Tel.: +49 228 736127
Email: hoeger@uni-bonn.de

Organization Office

Ulrike Blank
Kekulé Institute of Organic Chemistry
University of Bonn
Gerhard-Domagk-Str. 1
Tel. +49 228 733495
Fax.: +49 228 735662
Email: KOPO2017@uni-bonn.de

Further information:

<https://www.chemie.uni-bonn.de/oc/kopo2017>

Venue:

Physikzentrum Bad Honnef, Hauptstr. 5
53604 Bad Honnef
<http://www.dpg-physik.de/dpg/pbh/index.html>



Welcome to the KOPO 2017

CONJUGATED OLIGOMERS AND POLYMERS
New Horizons in Functional π -Systems

9th Workshop



Physikzentrum Bad Honnef
August 27-30, 2017

Program

Monday, August 28, 2017

07:30 *Breakfast*

Chair: Klaus Meerholz

- 09:00 **Plenary lecture: Rint Sijbesma**
Mechanofunctional polymers: Luminescent probes & catalytic triggers
- 10:00 **Johanna Nothacker**: Influence of defects on the π -conjugation of a polymer model system
- 10:20 **Maxim Kempf**: Divergent Synthesis and Tailoring of Electrical and Optical Properties for more Fatigue Resistant Crosslinkable Diarylethenes as Transduction Layer for Organic Memory Application

10:40 *Coffee Break*

Chair: Akimitsu Narita

- 11:00 **Ullrich Scherf**: Tuning the Luminescence Properties of Conjugated (Co)Polymers
- 11:30 **Holger Helten**: Silicon/Boron Exchange Routes to Conjugated Organoboron Oligomers and Polymers
- 11:50 **Frank Pammer**: N \rightarrow B-Ladder Boranes as Organic n-type Materials with Readily Variable Electron Affinity

12:30 *Lunch*

Chair: Ullrich Scherf

- 14:00 **Hans-Achim Wagenknecht**: DNA-ordered oligochromophore architectures
- 14:30 **Sylvia Schmid**: Self-organizing bio-inspired oligothiophene hybrids as drug delivery carriers into living cells
- 14:50 **Tanja Leitner**: Syntheses and characterization of highly crowded three-dimensional conjugated carbon- sulfur structures
- 15:10 **Andreas Orthaber**: New functional π -conjugated material organic-main group hybrids

15:30 *Coffee Break*

Chair: Michael Schmittl

- 16:00 **Akimitsu Narita**: Synthesis and Characterizations of Nanographenes Featuring Zigzag Edges
- 16:30 **Junzhi Liu**: Synthesis of atomically precise curved carbon nanostructures
- 16:50 **Kazutaka Shoyama**: Synthesis of Imide-Substituted Polycyclic Aromatic Hydrocarbons by Palladium Catalyzed Annulation Reaction

18:00 *Dinner*

19:30 **Poster Session**

Sunday, August 27, 2017

15:30-17:00 Registration & Coffee reception

17:00 Opening

17:15 **Rudolph-Gompper-Memorial Lecture: Klaus Meerholz**
Organic Memory Elements

18:00 Time to prepare poster session

18:30 *Dinner*

20:30 *Workshop Mixer*

Tuesday, August 29, 2017

07:30 *Breakfast*

Chair: Peter Bäuerle

- 09:00 **Plenary lecture: Tanja Weil**
Dynamic Bioactive Macromolecules by Reversible Chemistry
- 10:00 **Stefan-Sven Jester**: Supramolecular nanopatterns on graphite
- 10:30 **Manuela Schiek**: Giant Circular Dichroism of Enantiopure Prolinol-Derived Squaraine J-Aggregate Thin Films probed by Mueller Matrix Spectroscopy

10:50 *Coffee Break*

Chair: Stefan-Sven Jester

- 11:10 **Michael Schmittl**: Dynamic Effects and Networking of (Supra)molecular Machinery
- 11:40 **Guido Clever**: Light- and Redox-responsive Self-Assembled Coordination Cages
- 12:00 **Florian Beuerle**: Diketopyrrolopyrrole-Containing Cages and Frameworks
- 12:20 **Moritz Dechant**: Using Free Space in Liquid Crystals for the Rational Design of Donor-Acceptor Liquid Crystal Assemblies

13:00 *Lunch*

14:00 *Excursion: Visit to Dokumentationsstätte Regierungsbunker Ahrweiler, wine tasting and dinner at Winzergenossenschaft Mayschoß (bus tour)*

Wednesday, August 30, 2017

07:30 *Breakfast*

Chair: Sigurd Höger

- 09:00 **Plenary lecture: Marcin Stępień**
Synthetic Approaches to Pyrrole-based Donor-Acceptor Oligomers
- 10:00 **Lei Ji**: Electron Delocalization in Reduced Forms of Azapentacene
- 10:20 **Milan Kivala**: Organic electron acceptors derived from acridophosphine and beyond

10:50 *Coffee Break*

Chair: Arne Lützen

- 11:10 **Selina Olthof**: Doping organic semiconductors – Principles and the application in optoelectronic devices
- 11:40 **Joseph Cameron**: 2,1,3-Benzoxadiazole and 2,1,3-benzothiadiazole based small donor-acceptor molecules for OPV devices – investigating the effect of heteroatom substitution
- 12:00 **Kavita Singh Ghotra**: “Less is More”: Simple Device Fabrication Gives Way to Higher Storage Capacity

12:20 **Closing Remarks**

12:30 *Lunch*