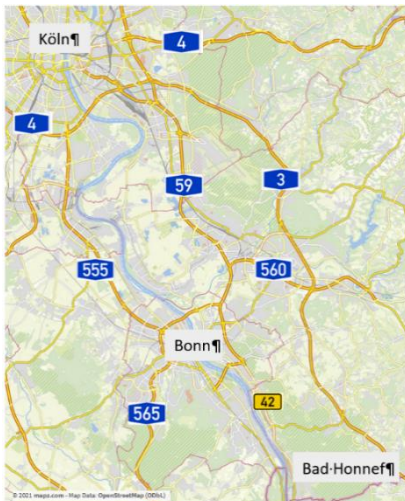


Travel instruction

Physikzentrum Bad Honnef, Hauptstr. 5, 53604 Bad Honnef



By train: Railway station „Rhöndorf“

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



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Further information:

<https://www.chemie.uni-bonn.de/oc/kopo2022>



Welcome to the

KOPO 2022

Conjugated Oligomers and Polymers –
What's new – what's next



Physikzentrum Bad Honnef
October 19-22, 2022

Program

Wednesday, October 19, 2022

- 15:30 - 17:00 Registration & Coffee reception
17:00 Opening
17:15 - 18:00 **Rudolf-Gompper-Memorial Lecture: Michael Schmittel**
How Thermal Nanomechanical Motion in Supramolecular Machinery Drives Catalytic Transformations

18:00 Time to prepare poster session

18:30 - 20:00 *Dinner*
20:30 *Workshop Mixer*

Thursday, October 20, 2022

- 07:30 *Breakfast*
Chair: Arne Lützen
09:00 **Plenary lecture: Luca Beverina**
Conjugated materials from and into interface rich, water based microheterogeneous environments
10:00 **Manuela Schiek:** The Added Value of Circular Dichroism to Study Charge Transfer Excitons in Micro-Crystalline Squaraine Aggregates
10:25 **Agnieszka Nowak-Król:** Azaborole helicenes: tuning of the properties by π -extension and doping with heteroatoms

10:50 *Coffee Break*

Chair: Manuela Schiek
11:10 **Prince Ravat;** Molecular Engineering of Helically Chiral Functional Molecules: Materials for Next Generation (Opto)electronics
11:35 **Adriano D'Addio:** Geländer Molecules with orthogonal joints: Design and Synthesis of Macrocyclic Dimers
12:00 **Wenhui Niu:** Topology Engineering of Dispersible Graphene Nanoribbons

12:30 *Lunch*
Chair: Michael Schmittel
14:00 **Rainer Winter:** Valence Tautomerism in Ferrocenyl-Tritylium Dyads
14:25 **Sebastian Sprick:** Conjugated polymers as photocatalysts for solar fuels generation
14:50 **Paul Mentzel:** Chalcogen Substituted Donor-Acceptor Dyads for the Investigation of Heavy Atom Dependent Magnetic Field Effects
15:15 **Chantal Roger:** The Influence of Hindered Rotation on Electron Transfer and Exchange Interaction in Triaryleamine-Triptycene-Perylenediimide Triads

15:40 *Coffee Break*
Chair: Agnieszka Nowak-Król
16:00 **Simone Ebel:** Monkey Saddles as Precursor for Tetrameric Organic Cages
16:25 **Guido Clever:** Multi-Chromophore Metallosupramolecular Assemblies
16:50 **Achim Wagenknecht:** Supramolecular and sequence-controlled DNA-chromophore architectures
18:00 *Dinner*
19:30 **Poster Session**

Friday, October 21, 2022

- 07:30 *Breakfast*
Chair: Sigurd Höger
09:00 **Plenary lecture: John Lupton**
Versatile molecular models of two-dimensional semiconductors
10:00 **Ullrich Scherf:** Rectangular ladder-type pentaphenyl helices: Synthesis and chiroptical properties
10:25 **Stefanie Meißner:** Nanoscale π -conjugated ladder oligomers and polymers
10:50 *Coffee Break*
Chair: Florian Beuerle
11:10 **Michael Mastalerz:** Monkey Saddles and other Contorted Polycyclic Aromatic Compounds
11:35 **Mathias Dowds:** More than the Sum of its Parts: A Modular Dihydroazulene-Spiropyran Photo Switchable Dyad
12:00 **Emely Freytag:** Axially Chiral Indolenine Derived Chromophore Dimers and their Chiroptical Absorption and Emission Properties
12:25 **Aileen Raab:** Fluorenone imidazolium salts as novel de Vries like materials
13:00 *Lunch*
14:30 *Excursion: Visit to Vulkan Brauerei Mendig, visit rock cellars, beer tasting, and dinner (bus tour)*

Saturday, October 22, 2022

- 07:30 *Breakfast*
Chair: Arne Lützen
09:00 **Plenary lecture: Thomas J. J. Müller**
Diversity Oriented Syntheses of Functional Chromophores - Rapid Access to Tunable Electrophores and Luminophores
10:00 **Florian Beuerle:** Highly Porous Photosensitizers Based on BODIPY-Containing Covalent Organic Frameworks
10:25 **Maximilian Fest:** Macromolecular Organoboranes: Developing Sustainable Approaches
10:50 *Coffee Break*
Chair: Sigurd Höger
11:10 **Wladislaw Pisetzky:** Phenothiazinyl Substituted Polyacetylenes: A New Generation of Luminescent Monosubstituted Polyacetylenes
11:35 **Simon Rickert:** Nanotubular Heterocycles
12:00 **Simone Hauer:** Conformationally planarized BBTTs as efficient semiconductors by steric induction of N ortho,(ortho')-(di)substituted aryls
12:25 **Tristan Keller:** Molecular Spoked Wheels with Orthogonal Pillars
12:50 **Closing remarks**
13:00 *Lunch*