

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 and registration:

<https://www.chemie.uni-bonn.de/oc/de/veranstaltungen/kopo-2024-information-1>



Welcome to the

KOPO 2024

Conjugated Oligomers and Polymers –
From Molecules to Materials



Physikzentrum Bad Honnef
May 26-29, 2024

Program

Sunday, May 26, 2024

15:30 - 17:00 Registration & Coffee reception

17:00 Opening

17:15 - 18:00 **Rudolf-Gompper-Memorial Lecture:**
Frank Würthner: Supramolecular Engineering of Functional Materials

18:00 Time to prepare poster session

18:30 - 20:00 *Dinner*

20:30 *Workshop Mixer*

Monday, May 27, 2024

07:30 *Breakfast*

Chair: N.N.

09:00 **Plenary lecture: Birgit Esser:** Organic Materials: From Batteries to Conjugated Nanohoops

10:00 Liping Ye: Synthesis of Electronic Delocalized Möbius Belt

10:25 Eric Sidler: Redox-Switchable Aromaticity in a Helically Extended Indeno[2,1 c]fluorene

10:50 *Coffee Break*

Chair: N.N.

11:10 Klaus Meerholz: Non-Fullerene Acceptors in Organic Solar Cells – Some new Insights

11:35 Johannes Chorbacher: Poly(arylene iminoboranes): A new Class of Inorganic–Organic Hybrid Polymers with a B=N Doped Backbone

12:00 Luisa Rieger: Molecular conductance of diaryl amine capped carbon-bridged oligo(phenylene vinylene)s

12:30 *Lunch*

Chair: N.N.

14:00 Princekumar Ravat: Molecular Engineering of Helically Chiral Functional Molecules: Materials for Next Generation (Opto)electronics

14:25 Rajeev Dubey: Charge-transfer supported supramolecular host–guest interactions in a tailored hexabenzocoronene host

14:50 Philipp Krämer: A Lateral Expansion Strategy for all-phenylene Molecular Spoked Wheels

15:15 *Coffee Break*

Chair: N.N.

16:00 Hans-Achim Wagenknecht: Supramolecular DNA Architectures with Chromophores

16:25 Felix Majer: Through-space charge transfer in anthracene-based emitters – a new paradigm for TADF molecules

16:50 Jake Greenfield: Switching It Up: Enhancing the Photochromic Behavior of Imines

18:00 *Dinner*

19:30 **Poster Session**

Tuesday, May 28, 2024

07:30 *Breakfast*

Chair: N.N.

09:00 **Plenary lecture: Xinliang Feng:** Two-Dimensional Conjugated Polymers: From Dream to Reality

10:00 Sven Elbert: A Negatively Curved Nanographene with four embedded Seven-membered Rings and its Supramolecular Interactions with Fullerenes

10:25 Giulia Lavarda: Supramolecular polymers as model systems for organic optoelectronics

10:50 *Coffee Break*

Chair: N.N.

11:10 Erik Misselwitz: Indenoannulated Tridecacyclene: An All-Carbon Seven-Stage Redox-Amphoter

11:35 Moritz Nau: Conformationally Regulated Molecular Conductance Switching in Arylene-Bridged Bis(Triarylamin)s

12:00 Leon Euringer: Tuning Electron Transfer Coupling and Exchange Interaction in Bis triarylamine Radical Cations and Dications by Bridge Electron Density

13:00 *Lunch*

14:30 *Excursion: Visit and guided tour Arithmeum (Bonn), dinner at the Rheinlust restaurant (bus tour)*

Wednesday, May 29, 2024

07:30 *Breakfast*

Chair: N.N.

09:00 **Plenary lecture: Colin Nuckolls:** Creating Functional Materials from Contorted Aromatic Building Blocks

10:00 Robert Eichelmann: Tetraazacoronenes

10:25 Wenhui Niu: Multilayer Helical Nanographenes with Layer-Dependent Chiroptical Properties

10:50 *Coffee Break*

Chair: N.N.

11:10 Christoph Keck: Synthesis of Chiral Pyrene-Based 1,4-Dithiins

11:35 Charlotte Kress: Outstanding Chiroptical Properties of Conjugated Polygon-Shaped Macrocycles

12:00 Jan Borstelmann: Helically Chiral π -Expanded Azocines Through Regioselective Beckmann Rearrangement and Their Charged States

12:25 Marvin Schumacher: Added Value of Circular Dichroism for Studying Charge Transfer Excitons in Photoactive Organic Thin Films

12:50 **Closing remarks**

13:00 *Lunch*

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