

Miniworkshop

2ND ADVANCES IN PRECISION CARBON NANOSTRUCTURES

November 22, 2023 (13:00 -18:00 PM, CET)

Location: Walther-Hempel-Bau, Room 219, Mommsenstr. 4, 01069 Dresden

LOCAL ORGANIZATION

- ❖ **Prof. Xinliang Feng** | TU Dresden & MPI of Microstructure Physics, Germany
- ❖ **Dr. Ji Ma** | TU Dresden & MPI of Microstructure Physics, Germany

INVITED SPEAKERS

- ❖ **Prof. Michael Haley**
University of Oregon, United States
- ❖ **Prof. Konstantin Amsharov**
Halle University, Germany
- ❖ **Prof. Michal Juricek**
University of Zurich, Switzerland
- ❖ **Prof. Milan Kivala**
Heidelberg University, Germany

SCIENTIFIC PROGRAMME

13:00 - 13:10	Opening
13:10 - 13:50	Prof. Michael Haley, University of Oregon (USA) <i>The Interplay Between Antiaromaticity and Diradical Character in Diarenoindacenes and Diindenoarenes</i>
13:50 - 14:30	Prof. Konstantin Amsharov, Halle University (DE) <i>Towards direct synthesis of carbon based nanostructures on metal oxide surfaces</i>
14:30 - 15:00	Dr. Ji Ma, MPI Halle & TU Dresden (DE) <i>π-Magnetism in Kekulé and non-Kekulé Nanographenes</i>
15:00 - 15:30	Coffee Break
15:30 - 16:10	Prof. Michal Juríček, University of Zurich (CH) <i>Taming and unleashing the reactivity of nanographene π-radicals</i>
16:10 - 17:00	Prof. Milan Kivala, Heidelberg University (DE) <i>Alkynes as a Versatile Entry into Fascinating Polycyclic Landscapes</i>
17:00 - 17:20	Dr. Wenhui Niu, MPI Halle (DE) <i>Tailoring Graphene Nanoribbon Properties via Topology Engineering</i>
17:20 - 17:40	Mr. Sebastian Obermann, TU Dresden (DE) <i>Curved Graphene Nanoribbons: Exploring the Effects of Cove Edges and Non-Hexagonal Rings</i>
17:40 - 18:00	Dr. Jinjiang Zhang, MPI Halle (DE) <i>Straightforward Strategies Toward Boron-doped Nanographenes</i>
18:00 - 22:00	Dinner BBQ

WELCOME to Join Us!



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