

Announcement & Invitation

Lecture on

Molecular Nanostructures

**Dr. Alexey Popov/Dr. Joseph Dufouleur/Dr. Thomas Mühl
Prof. Bernd Büchner**

WHERE? IFW Dresden, Helmholtzstr. 20
room number D2E.27 or online
WHEN? Monday, 2. DS (9:10 - 10:40)
First Lecture: April 12, 2021

WHO? Students of Nanobiophysics, Physics (main course),
Materials Science, PhD students

The lecture will be given in English.

Topics:

- High resolution microscopy (TEM, STM...)
- Chemical bonds in molecular nanostructures
- Synthesis and functionalisation of molecular nanostructures
- Physical properties and applications of molecular nanostructures
- Molecular magnetism
- Transport properties of graphene

