

Announcement & Invitation

Lecture on

Molecular Nanostructures

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

WHERE?	IFW Dresden, Helmholtzstr. 20 room number B3E.26
WHEN?	Monday, 2. DS (9:20 - 10:50) First Lecture: April 08, 2024 Registration during the first lecture
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

