



PhD student on the topic of 2D materials

The Institute of Physical Chemistry, the group of Applied Physical Chemistry & Molecular Nanotechnology seeks to fill as soon as possible a PhD position of on the topic of experimental studies of 2D materials. The successful candidate will join a highly motivated and interdisciplinary experimental research group led by Professor Andrey Turchanin (<https://www.apc.uni-jena.de/>). The group focuses on physical, chemical, and materials science aspects related to the nanoscience and nanotechnology of inorganic and organic two-dimensional (2D) materials. Key research areas of the group include tailored growth of innovative 2D materials, nanoscale characterization of their physical and chemical properties using state-of-the-art spectroscopy and microscopy techniques, and characterization of their functional properties in electronic, photonic, and optoelectronic devices including field-effect transistors, memristors, photodetectors, chemical and biochemical sensors.

Your profil:

- You hold an M.Sc. or Diploma degree in Chemistry, Physics, Materials Science, Electrical Engineering, or a related discipline.
- You have strong communication skills in English, both written and spoken.
- You are eager to work in an interdisciplinary, dynamic, and international team.

Not sure if you meet all our requirements? Don't hesitate to apply! We're excited to learn more about you and your unique qualifications.

Application process:

Along with your application please submit:

- Letter of interest expressing your motivation to join our group
- Your Curriculum Vitae
- Degree certificate/Transcript of records (BSc, MSc)

Are you eager to work for us? Then send you application to andrey.turchanin@uni-jena.de as soon as possible.