

HiWi student(s) required for helping in the research activities of the 'Advanced Epitaxy' group, Institute of Materials Physics

We are searching for a HiWi student assistant who is also interested in gaining preliminary experience in thin film research. Your job will be supporting the daily research activities of the 'Advanced Epitaxy' group. The projects of the group are mainly focused on thin film deposition by pulsed laser deposition (PLD) and metal-organic aerosol deposition (MAD). The group anticipates collaboration with other research groups of the Institute of Materials Physics, 1st Physics Institute and 4th Physics Institute.

We require your assistance in one or some of the following tasks:

- Work related to the PLD technique
- Target/Powder material synthesis
- Thin film deposition
- Structural characterization (XRD, XPS, SEM, AFM, etc.)
- Optical and Magnetic characterization (Optical spectroscopy, SQUID, PPMS, etc.)

During your HiWi term, we expect that you will gain preliminary experience in the use of state-of-the-art modern devices. This will aid you to integrate into the main projects of the group, where you can later join as an active researcher for your bachelor's/master's thesis.

If you have any questions, please feel free to write an email. We can choose a flexible time and duration for your HiWi job after a discussion.

Contact:

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