



At the Institute of Optics und Atomic Physics of the Technical University Berlin are

Two PhD Positions

open.

Your task is research on coherent terahertz synchrotron radiation. The research is part of the project „Correlation techniques for time-resolved terahertz/infrared spectroscopy at an electron storage ring“. In the frame of the project superconducting nano-detectors and correlation techniques for the measurement of single electron bunches at infrared and terahertz frequencies on a sub-ps timescale will be developed. These methods will be used to investigate relaxation processes in superconductors. The research will be performed in close cooperation with the German Aerospace Center, the Karlsruhe Institute of Technology and the University of Dortmund.

Your qualification:

- study in physics, finished with high marks and a Diploma or Master degree that qualifies for starting a PhD study in Germany. Candidates who are about to earn their degree are welcome to apply.
- fluently spoken and written English is essential
- high motivation and dedication for scientific working
- ability to work creatively in a multidisciplinary team

The salary is according to BAT IIa/50%.

Contact:

Please send your application to Fakultät II – Mathematik und Naturwissenschaften, z.H. Prof. Dr. H.-W. Hübers, Sekr. EW 3 - 1, Hardenbergstrasse 36, 10623 Berlin.

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