



Optical Metrology

Quantum sensors & cold atoms group



HUMBOLDT-UNIVERSITÄT ZU BERLIN



Ph.D. position in Berlin (75% TV-L E13)

We are seeking a candidate for **Ph.D. with possible starting date July 1st 2016 or later**. The position is associated to the project **QUANTUS-IV MAIUS** – and will be paid in accordance with TV-L E13 (75%).

The project is a collaborative effort supported by the German space agency DLR aiming at **development and qualification of diode laser systems for ultracold atom applications on sounding rockets**, especially regarding **implementation of algorithms for autonomous control- and stabilization**.

The candidate should have an **excellent university degree** (Master of Science or equivalent) in physics or a related field (Computer Science or Electrical Engineering). Existing **knowledge in design of electronics and/or automatization software** is favorable but not necessary. Furthermore the applicant will have to be mobile and willing to travel to different German project partners and to be able to work in a team.

Please send your application (ref. number DR/073/16) including the common documents (cover letter, curriculum vitae and certifications) electronically to Dr. Markus Krutzik:

Dr. Markus Krutzik
Team leader Quantum sensors (qSens)
markus.krutzik@physik.hu-berlin.de

<https://www.physik.hu-berlin.de/en/qom/research>

