Scientific Member of Staff (m/w/d)
- Development of highly complex laser modules -

For our Joint Lab Quantum Photonic Components, which is engaged in the development of compact and robust, narrow-linewidth micro-integrated diode laser systems for precision metrology applications i.a. in space, we are seeking for a scientific staff member.

(Reference number 07/20)

Your tasks cover the development of highly complex diode laser modules as well as the characterization of the electro-optical performance of laser chips and laser modules with respect to the parameters relevant for the respective application. This includes the development of laser concepts as well as the thermal, mechanical, electrical, and/or optical design of the laser modules.

You should hold a diploma or the equivalent master's degree from a university in physics, photonics or electrical engineering with a focus on optoelectronics or a comparable degree. Relevant knowledge and experience in the development and/or use of lasers for scientific or communications applications are required, as well as basic knowledge in laser-theory and -technology, and in optics. Enthusiasm for details and the willingness to maintain an extremely careful working attitude are required. Experience in the design of opto-mechanical assemblies, in the development of analog and digital electronic circuits and in control, engineering is also desirable. The ability to work in a team and a committed, independent way of working as well as very good knowledge of the German and English language, both written and spoken, round off your profile. This position provides the possibility to complete a doctorate.

We offer a demanding and interdisciplinary working environment. Payment of the full position is according to TVöD Bund (collective salary scheme for German public service). The position can be filled immediately and is initially limited to two years.

FBH is an equal-opportunity employer. Female candidates are encouraged to apply. Among equally qualified applicants, preference will be given to handicapped candidates.

Have we piqued your interest? Then we look forward to your online application. Please click on "Apply online" and submit your complete application documents by **March 13th 2020.**

If you have any questions about the application, please contact Ms. Münzelfeld
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Profile

Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik (FBH) within the Forschungsverbund Berlin e.V., is a leading international research institute that studies diode lasers, LEDs and microwave devices.

On the basis of III/V semiconductors, it researches and implements components and systems for applications in communications, traffic and production technology, medicine and biotechnology. It covers the entire value chain from design to ready-for-delivery systems.

For more details, visit:
www.fbh-berlin.com