

Job Summary:

Entwicklungsingenieur Laser Systeme (m/w/d)

Location: Sacher Lasertechnik GmbH
Hedwig-Jahnow-Str. 12
D-35037 Marburg / Lahn

Education Level: MS Degree in Electrical Engineering, Optical Engineering, or Physical Engineering is required, post graduate with 0-4 years of experience.

Employment Type: Full Time (40 hours per week), temporary for 5 years

Career Stage: Early-Stage Researcher, Post Graduate with 0-4 years of experience

Travel Requirements: up to 10% of travel required

Job Description: Development of Laser Controller Electronics

Type of Industry: Optical Physics, Electrical Engineering

Job Description:

Job Description: Sacher Lasertechnik GmbH offers within the BMBF R&D Project QEED a job opportunity for a highly motivated, quality conscious Researcher. The qualified candidate will work within our R&D team on the development of a highly stable laser diode system for medical applications and quantum optical and photoacoustic measurements. Responsibilities include

- Printed Circuit Development, Layout, and Testing
- Programming of FPGA type of control devices
- Implementation of the developed PCBs into laser diode optoelectronic devices

The qualified candidate has strong technical and communication skills, and enjoys cooperating with our R&D team.

Work Experience:

Experience within the field of Lasers, Laser Devices and Laser Control Electronics on a MS level is required.

Project Description: QEED is a R&D project within the BMBF framework 'Lighthouse Projects for quantum-based measurement technologies'. Goal is to demonstrate applications which proof the unique abilities of quantum based measurement technologies.

Company Description:

Sacher Lasertechnik GmbH is a privately held, export oriented, fast growing business in the field of photonic technologies. It is specialized on tunable diode laser with external cavities for application in optical sensing technologies. Sacher Lasertechnik GmbH is located in Marburg within the high technology area of Mittelhessen. The area is qualified by high living quality, short distances and a great activity potential.

Contact:

Name: Dr. Joachim R. Sacher
Business: Sacher Lasertechnik GmbH
Address: Hedwig-Jahnow-Str. 12
D-35037 Marburg / Lahn
Phone: (06421) 305-0
Fax: (06421) 305-299
Web: http://www.sacher-laser.com/corporate/career_opportunities/overview/jobs.html

Please send your application to contact@sacher-laser.com