

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 Research Projects NeuroQ 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 compact pulse laser diode system for medical applications and quantum technologies. Responsibilities include

- Diode Pumped Solid State (DPSS) Laser Technology
- Magnetic Field Measurements
- Nitrogen Vacancies in Diamond
- Integrated Optical Assemblies

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 MSc level is required.

Project Description: NeuroQ 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 Mittelhessen. The area is qualified by high living quality, short distances and a great activity potential.

Contact:

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