

Job Summary:

Postdoc Position FPGA based Development (m/f)

Location: Sacher Lasertechnik GmbH
Rudolf-Breitscheid-Str. 1-5
D-35037 Marburg / Lahn

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

Employment Type: Full Time (40 hours per week), temporary for 1 year

Career Stage : Experienced Researcher, post doctorate with 0-4 years of experience

Travel Requirements: up to 10% of travel required

Job Description: Development of Laser Controller Electronics

Restrictions: Restrictions according to the European Community Marie Curie Program apply

Type of Industry: Optical Physics, Electrical Engineering

Job Description:

Job Description: Sacher Lasertechnik GmbH offers within the EU Research Project OILTEBIA (317526) 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 optical and photoacoustic measurements. Responsibilities include

- Printed Circuit Development, Layout, and Testing
- VHDL 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 FPGA programming, PCB Development on a PhD level is required.

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 a strong university network, high living quality, short distances and a great activity potential.

Contact:

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