

We are an industry-leading and growing supplier of fiber optic sensors based on Fiber Bragg Gratings (FBGs). We provide customers worldwide with sensor solutions for measuring strain, pressure, temperature and shape. Measuring what could not be measured before - our solutions are used in application areas where conventional measurement solutions reach their limits. With exciting projects from research and industry, you will help shape the fiber sensor technology of tomorrow at FBGS. We have over 35 employees from more than 17 countries working at our locations in Jena (Germany) and Geel (Belgium).

For our team in Jena we are looking for you as a

RESEARCH & DEVELOPMENT ENGINEER - Development of photonic components using ultrashort pulse lasers (W/M/D).

Your tasks:

- Development of new structuring processes based on ultrashort pulse lasers
- Design, development and production of photonic components
- Further development of production facilities and manufacturing methods
- Accompanying manufacturing processes for fibre Bragg grating production
- Development and implementation of product qualification processes
- Evaluation and computer-aided presentation of development results
- Collaboration in publicly funded projects
- Communication with project partners and customers
- Writing project reports and scientific publications
- Collaboration and documentation for own quality management system

What we are looking for:

- Master's degree or PhD in physics, optics technology or photonics
- Proven experience in working with lasers
- Proven experience in creating material modification with lasers
- Experience in the field of fibre optics or related fields is an advantage
- LabVIEW / Matlab knowledge is an advantage
- Meticulous, independent and interdisciplinary approach to work
- Experimental and team player
- Very good PC skills Word, Excel, Power Point,
- Very good written and spoken English
- Willingness for further training
- Willingness to travel

What we offer you

- Permanent full-time contract or part-time contract.
- An exciting and challenging position with a growing innovative photonic company
- An open corporate culture characterised by appreciation and exchange with flat hierarchies and an international team
- A variety of interesting projects with an international orientation and individual development prospects
- Job bike after one year
- An attractive remuneration package with bonus system

Location

- Jena (Germany)

FBGS, a spin-off of the IPHT Jena, combines the spirit of research with entrepreneurship. We work on precise and economical measurement technology that makes healthcare applications gentler, processes more efficient and infrastructures safer. Developing ideas, implementing them in line with market requirements and continuously developing them further are at the core of our innovative strength. In dynamic and interdisciplinary teams we offer you individual development perspectives as well as flexibility in the design of your work. Respect, appreciation and cooperation determine our actions every day. We think and act for the long term, stand behind our employees and support them in balancing work and family. We strive to increase the proportion of women and expressly welcome applications from women. We are looking forward to your application!

Please send your application to: talents@fbgs.com

Your application and related information will be kept strictly confidential.