

## FIBER SENSOR DEVELOPMENT ENGINEER

### The company:

Optics11 is a fast-growing high-tech company based in Amsterdam and is developing new optical fiber measurement systems for many different markets with customers all over the world. Our strength is fast and lean product development, which is enabled by our broad range of engineering skills: fiber optics, analog and digital electronics, software, micromanufacturing, mechanics and mechatronics. Besides our engineering passion, we pride ourselves on always listening to customer needs first and providing added value where it really matters for the users. We believe that optical fiber sensing provides a unique solution for many applications that involve precise measurements in challenging environments.

### Key activities of a Fiber Sensor Development Engineer:

- Design and develop unique optical fiber sensors
- Design for performance, reliability, producibility and supply chain
- Design and optimize manufacturing processes for macro and micro (MEMS) sensors
- Perform engineering analysis to define requirements and performance
- Find and manage suppliers based on the requirements
- Build sensor prototypes
- Support testing procedures to verify sensor performance and reliability

### The ideal candidate:

- Has a BSc or MSc
- Has 1-3 years of experience
- Has a hands-on mentality with a strong theoretical background
- Has experience working with optical fiber in lab and field conditions
- Can perform measurements related to sensor Validation & Verification
- Has experience with data processing using Matlab and/or LabVIEW
- Has solid fiber, mechanics, dynamics and signal processing knowledge

### The offer:

- 40 hours a week
- An opportunity to make a significant impact on the growth of Optics11 and to develop your soft- and technical skills
- Being part of a young, dynamic and enthusiastic team
- Work in a challenging international environment.

### Join us!

For more information contact us by email or via +31 20 598 7917.

To apply, send in your resume and motivation letter to [recruitment@optics11.com](mailto:recruitment@optics11.com)

