



Position offering: Development Engineer (m/f/d)

Field: Physics, Optics and optical Metrology, Spectroscopy

Would you like to help shape the sorting technologies of tomorrow and develop technical innovations for a greener world? Join our R&D metrology team and contribute to the development and implementation of measurement technologies for spectroscopic material identification.

YOUR RESPONSIBILITIES:

- » Development of optical measurement techniques for the identification of polymers
- » Design and setup of experimental systems
- » Planning, execution and documentation of technical experiments
- » Integration of measurement equipment into experimental, laboratory, and pilot systems
- » Development of software components for instrument control and data analysis
- » Evaluation of new measurement technologies, e.g. MIR reflectance spectroscopy and LIBS
- » Support during commissioning, testing, and optimization
- » Collaboration with project partners, customers, and technology suppliers

YOUR PROFILE:

- » Degree in physics or a comparable scientific discipline, preferably with a focus on optics, laser physics, or solid-state physics
- » Ideally, experience with spectroscopic methods and/or polymer physics
- » Programming experience is desirable, preferably in Python
- » Curiosity and an analytical mindset for getting to the bottom of physical phenomena
- » Hands-on mentality, a structured way of working, and enthusiasm for experimentation

WHAT WE OFFER:

- » Diverse work in an interdisciplinary team
- » Freedom to shape your work, take responsibility, and benefit from flexible working hours
- » Professional development opportunities, company pension scheme, benefits like JobRad, Jobticket, and Hansefit
- » The opportunity to contribute to innovative solutions for a carbon-neutral world

APPLY TODAY – WE LOOK FORWARD TO HEARING FROM YOU:

Please send your application documents to [markus.reisacher\(at\)polysecure.eu](mailto:markus.reisacher(at)polysecure.eu)

For any questions, please contact us at: +49 761 557978514