Job Advertisement

Photonics Scientist (m/f/d)

Jena, Germany   Full time

DeepEn develops minimally invasive microendoscopes for neuroscience applications. We transform a single optical fiber into a hair-thin imaging device using holographic light control, bringing microscopy into deep brain regions. We are translating over a decade of research into a reliable tool to empower neuroscience researchers and advance future medical diagnostics.

We're seeking a Photonics Scientist to drive R&D and product development at the forefront of optical and imaging technologies.

🛠 **Your Role:**

• Develop and implement production workflows for innovative optical systems

• Contribute to cutting-edge R&D in a prestigious EIC project

• Develop software for hardware control and implement holographic algorithms

• Conduct functional testing and optimise system performance

• Collaborate with end-users in neuroscience experiments

🎯 **Ideal Candidate Profile:**

• Background in physics, engineering, IT, or a related field

• Experience with fibre optics, optoelectronics, and instrument development

• Proficiency in C/C++, Python, and LabVIEW

• Strong problem-solving and teamwork skills

• Willingness to travel for lab tests, conferences, and exhibitions

🌟 **What We Offer:**

✅ Work in a deep-tech start-up

✅ A collaborative, interdisciplinary team

✅ Competitive salary & work-life balance

✅ A family-friendly and inclusive workplace

💡 **Join DeepEn GmbH and shape the future of ultra-thin endoscopes!**

✍ No need for a formal cover letter - share a few lines on why you are interested and attach your CV. We'll reach out shortly

📫 **Apply now:** career@deepen-imaging.com
🌍 **Learn more:** deepen-imaging.com
📍 **About life in Jena (YouTube):** https://www.youtube.com/watch?v=aLaQEFlpGDc