IFNANO
INSTITUT FÜR NANOPHOTONIK

Institut für Nanophotonik Göttingen e.V.

Since its foundation in 1987, the Institute for Nanophotonics Göttingen (IFNANO) has been a pioneer in application-oriented research and technology transfer between science and industry. Our research activities range from the development of non-contact laser measurement engineering, manufacturing new products and product processing using lasers, and the development of new laser systems with applications in medical technology and the life sciences.

To strengthen and further develop our scientific profile, we are recruiting for the position of:

Head of Department "Advanced Photonics"

Your responsibilities will encompass multiple management and leadership activities. Possible topics include: Characterization of laser beam sources and high power optics, especially in the deep UV and X-ray spectral range relevant for semiconductor lithography, as well as development of applications in the fields of lithography, laser structuring and production technology.

The successful candidate will ensure the innovation capability and technology transfer of IFNANO in the field of beam analysis, beam propagation, measurement of optics, laser measurement technology, and material structuring. You will acquire research projects and take over the budget and revenue responsibility for the department.

Your Responsibilities:

- Scientific management and further development of a core department of the institute from currently seven to approx. 10-12 scientific staff members
- Further development of your own scientific profile with international visibility
- Scientific guidance as well as administrative coordination of employees to ensure budget and revenue targets are met
- Conceptualization, application, management, and coordination of research and industrial projects as well as contract research
- Negotiation, quotation preparation, and proposal submission to funding authorities and customers from industry
- Supervision of student research projects, Master's, and Ph.D. theses
- Presentation / publication of results on an international level

Your Profile:

- Ph.D. in physics or a related discipline
- Extensive industry or applied research experience in the fields of optics, lasers, and DUV/EUV/X-ray technology
- Experience in personal management preferred
- High level of methodological and interpersonal skills and the ability to plan resources
- Open and curious personality with quick comprehension and independent working style as well as analytical skills
- Very good written and spoken German and good English skills

Our Offer:

- High responsibility position with the opportunity to advance your research profile at the interface between research and industry
- Highly committed and interdisciplinary working environment
- Excellent resources
- Extensive connections to the local university and university of applied sciences, as well as to companies active in the addressed sectors

Applications from women are particularly welcome. In case of equal qualification, disabled persons will be given preferential consideration in the recruitment process.

The weekly working time is 39.8 hours. Employment, salary and social benefits are based on the collective agreement for the public service of the state of Lower Saxony (TVL).

Please send your application in pdf format via e-mail to: karriere@ifnano.de

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