



Group Leader (m/f/d) Advanced Diagnostics and Sensory

Job-ID: 7055/24 | Department: Technology | Salary: as per tariff (TV-L) | Working Time: 40h/week |
Limitation: initially 2 years with option of extension | Starting Date: as soon as possible

IHP is an institute of the Leibniz Association and conducts research and development of silicon-based systems and ultra high-frequency circuits and technologies including new materials. It develops innovative solutions for application areas such as wireless and broadband communication, security, medical technology, industry 4.0, automotive industry, and aerospace. IHP employs approximately 380 people. It operates a pilot line for technological developments and the preparation of high-speed circuits with 0.13/0.25 μm -SiGe-BiCMOS technologies, located in a 1500 m² cleanroom that meets the highest industrial nanotechnology requirements.

The position:

As group leader of the "Advanced Diagnostics and Sensory" group in the Technology department, you will work in the international team of Prof. Dr. Andreas Mai. You are part of the Technology Management team with a total of 9 group leaders. From the international team of 150 scientists, engineers, technical specialists, students and interns, in the technology department you will be responsible for around 10 to 15 employees. Moreover you and your team are responsible for the full offline-diagnostic infrastructure (e.g. FIB, TEM, SEM, AES, etc.)

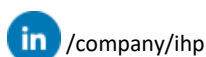
A structured introduction phase with regular feedback meetings with the head of department will help you to integrate quickly at the institute and familiarize yourself with your area of responsibility. Mutual support, reliability and a trusting working relationship are important to us.

Basic tasks:

- Managing, expansion and structuring of the "Advanced Diagnostics and Sensory" group
- Strategic planning of technical and/or content-related topics for the group
- Definition and establishment of processes in the respective work area; monitoring optimization, as well as documentation of content e.g. on the IHP knowledge base platform

You will take on various tasks in personnel management as:

- Resource planning (medium and long-term) for personnel, including application management, preparing job advertisements with HR, conducting interviews in accordance with IHP guidelines and execution of training phase for new employees (planning and monitoring)
- Preparation and justification of contract extensions
 - Conducting employee appraisals
 - Conflict management
 - Organization of further training for individual employees





Research-related tasks:

- Continuous evaluation of the research topic or technical focus including benchmarking with national and international institutions (RTO, companies, ...)
- Preparation and implementation of:
 - Project applications
 - Investment projects
- Publication managing of scientific outcome of your group, marketing and presentation of the group's specific capabilities

Your qualifications:

You hold a PhD in Electrical engineering, physics or a comparable study area. You are already experienced in diagnostic, failure analysis, and semiconductor technology and device developments as well as a strong background of device to design transition (towards process design kit environments). Ideally you have a background in development of semiconductor sensor devices.

You are also a strong team player. We are looking for a team member, who is able to structure his or her own work and to bring a well-organized and systematic way of working into the cooperation with creative minds. You are an ideal match for this position, when you have experimental, analytical and problem-solving skills, very strong communicative skills and the ability to quickly learn how to operate the latest technical equipment including various software. As a group leader you should also have appropriate managing skills, as conflict management, resource planning and cooperative controlling. It is necessary that you confidently handle the English language as well as German language.

Our Offer:

Conduct research in a challenging, multinational environment giving you excellent career opportunities. You will have the chance to establish international reputation at the edge of top-notch technologies.

It is important to us to support the individual career developments (e.g. conferences, advanced trainings) as well as the personal needs of our employees by offering flexible working hours and the possibility to work off-site. The compatibility of work and family is highly valued. More information about our scientific excellence and the working environment at IHP can be found on our website.

IHP is TOTAL E-QUALITY-certified for equal opportunities for women and men at work and actively pursues the equality of all gender and all groups of people. We promote the professional development of women and strongly encourage them to apply. Disabled applicants, qualified according to the above criteria, will be given preference over other candidates with equivalent relevant qualifications.

Your application:

Have we sparked your interest? Then we look forward to receiving your application via our [online application form](#).

For further information regarding the position please contact Prof. A. Mai: career@ihp-microelectronics.com.

