



Technician/Engineer (m/f/d) for Lithography process development

JobID: 7074/19 | Dept. Technology | Salary: according TV-L | Limitation: initially 1 year with option of extension | Entry 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 330 people. It operates a pilot line for technological developments and the preparation of high-speed circuits with 0.13/0.25 μm BiCMOS technologies, located in a 1000 m^2 class 1 cleanroom.

Your task:

- Responsible for process & tool qualification, stability, improvements and problem prevention
- Development of lithographic processes for R&D projects and research service purposes
- Assist with troubleshooting issues related to the litho-processing
- Reticle management & ISO documentation

Your Qualifications:

- Vocational education in semiconductor industry with >5 years work experience in optical lithography or Bachelor and/or Master degree in Physics, (Micro-)Engineering, Electronics with relevant experience in the field of microelectronics and semiconductor technology
- Experience with layout software Cadence, Calibre, TexEDA-Laytools is preferable
- Knowledge about semiconductor technologies, EDA operation principles
- Good communication skills in English and at least basic language skills in German

Our Offer:

Work in a challenging, multinational environment with excellent career prospects. You will have the opportunity to establish an international reputation at the forefront of high tech. It is important to us to support the individual career developments of our employees (e.g. conferences, advanced trainings). More information about our scientific excellence and the working environment at IHP can be found on our website.

IHP aims to achieve a balanced gender composition in the workforce. 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 Dr. Thomas Grabolla:
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