Group Leader (m/f) for the Design of BiCMOS Broadband Mixed-Signal Circuits

Job-ID: 5022/16 |Dept.: Circuit Design | Salary: according TV-L |Limitation: initially 1 year with option of extension |Entry Date: asap

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 m² class 1 cleanroom.

The Research Group:
This group is involved in multiple German und international research projects targeting the development of integrated solutions for optical and wireless communication. The main focus lies on the development of ultra-broadband as well as mixed-signal ICs for complex wireless transceivers with multi-gigabit wireless transmission in the millimeter-wave frequency domain, electronic drivers and transimpedance amplifiers for hybrid and monolithic integrated photonic transmitters and receivers. In these areas, our industrial and academic partners expect state-o-the-art realizations from us.

The Position:

- The research is focused on the scientific management of a research group in the area of high-frequency circuit design for “Broadband Mixed-Signal Circuits”.
- Offers excellent opportunities for the development of a scientific career in academic and industrial environments.

Your Qualifications:

- PhD degree in electrical engineering
- Highly motivated and good skills in communication and management
- Ability for a group leadership
- Previous experience in project management
- Very good knowledge and skills of German and English language

Our Offer:
Do research 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, employment and life at IHP can be found on our website.

IHP seeks to incorporate more women into the science field. Therefore women are strongly encouraged to apply. Disabled applicants, qualified according to the above criteria, will be given preference over other candidates with equivalent relevant qualifications.

Your Application:
We are looking forward to your application.
Quoting the Job-ID, please send your motivation letter, CV, copies of Bachelor/Master/PhD certificates (incl. transcript of grades) as well as working certificates and addresses of at least two referees to: career@ihp-microelectronics.com.

For further information regarding the position please contact Prof. Dr. Dietmar Kissinger (Department Head Circuit Design): dkissinger@ihp-microelectronics.com.

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