The System & Circuit Technology Design group of the Heinz Nixdorf Institute is currently looking to recruit

**2 Research Assistants**  
(salary group 13 TV-L)

Starting October 2015, these full-time positions are initially limited to three years with the possibility of extension. The opportunity and support for further academic qualification, in particular for a PhD, is provided and supported.

**Profiles:**  
The research and development activity is in the area of ultra-high-frequency IC design in advanced SiGe BiCMOS and silicon photonics technologies. One position pertains to mm-Wave IC design at 120 GHz for radar applications. The other position deals with opto-electronic and electronic ICs for future communication systems with 400Gb/s per channel. The work will be conducted in close cooperation with German high-tech industry and world-class academic institutions and provides the opportunity to work on cutting-edge research topics. For more information refer to: [https://www.hni.uni-paderborn.de/en/system-and-circuit-technology/stellenangebote/](https://www.hni.uni-paderborn.de/en/system-and-circuit-technology/stellenangebote/).

**Qualifications:**  
Candidates are required to hold a first degree diploma or master's degree in electrical engineering, physics, or related areas. Applicants are expected to have basic skills in RF- and/or broadband IC design and the motivation to achieve a PhD. Knowledge of fundamental German language skill is advantageous but not mandatory.

Applications from women are strongly encouraged and will be given preference according to the LGG (Landesgleichstellungsgesetz) in case of equal qualification, ability, and professional achievement, unless not dominated by a competitor. Similarly, the application of qualified disabled and otherwise impaired persons along the lines of Sozialgesetzbuch Neuntes Buch (SGB IX) is strongly encouraged.

Applicants should include a letter of application, a current curriculum vitae and copies of relevant academic certificates. Applications are to be addressed to (ref. 2297 or 2298):

Prof. Dr. Christoph Scheytt  
Heinz Nixdorf Institut  
Fachgruppe Schaltungstechnik  
Universität Paderborn  
Fürstenallee 11  
33102 Paderborn  
Germany

**www.upb.de**