The Signal and System Theory Group in the Department of Electrical Engineering and Information Technology at the University of Paderborn is seeking a

**Research Associate (Wissenschaftliche/r Mitarbeiter/in)**
**(pay scale TV-L 13)**

This is a full-time position, initially limited to one year, with the possibility of further extensions. The position is available immediately and may be filled either by a doctoral student or a Postdoc.

The candidate will be actively involved in the research projects of the Signal and System Theory Group, and also support some of its teaching activities. Our current research interests lie in statistical signal processing and mathematical system theory, in particular detection & estimation, nonstationary time series (time-frequency) analysis, multidimensional signal processing, and analysis and design of large-scale systems. We are particularly interested in applications in wireless communications, climate science, and medicine. Some current project descriptions are available at [http://sst.upb.de](http://sst.upb.de).

Applicants must have received a Master's degree or a doctoral degree in electrical engineering or a related field (such as mathematics or statistics). Postdoctoral applicants must have a proven capacity for high-quality research and an excellent international publication record. Previous research experience in digital communications, statistical signal processing, or system theory is an advantage. It is most important, however, that you are able to think analytically and enjoy tackling difficult problems. Fluency in English is required, knowledge of German is an advantage.

We offer a stimulating work environment in an international team and an attractive remuneration package according to pay scale TV-L EG 13 of the German public service, commensurate with experience and qualifications, see: [http://www.lbv.nrw.de/beztab/entgeltabellen_2012/entgelttab.php](http://www.lbv.nrw.de/beztab/entgeltabellen_2012/entgelttab.php)

Applications from women are particularly welcome and, in case of equal qualifications and experience, will receive preferential treatment according to state law (LGG). Qualified disabled people (in the sense of the German social law SGB IX) are also encouraged to apply.

Please send your application (including a cover letter, your CV, list of publications, and contact details of at least two referees) to Prof. Peter Schreier, preferably by email: [jobs@sst.upb.de](mailto:jobs@sst.upb.de). Alternatively, you may mail your application to the Signal and System Theory Group, EIM-E, University of Paderborn, Warburger Str. 100, 33098 Paderborn, Germany. Informal inquiries should be directed to the above email address.