Department 3, Mathematics and Computer Science, at the University of Bremen is hiring a

Full Professor in the field **Inverse Problems**
Salary Grade W2, Lifetime Civil Servant Position

Reference No. 132/18

to be filled at the next possible date.

We are looking for a mathematician with an excellent publication record in the field ‘Inverse Problems’ and with international visibility. The appointed person will independently advance this field with his or her teaching, research, and applications. Specialization in a current branch such as ‘Dynamical Inverse Problems’, ‘Non-convex Regularization’, or ‘Machine Learning for Inverse Problems’ is desired.

This professorship is one of five in the Center for Industrial Mathematics, which is part of the Department of Mathematics and Computer Science. Therefore, it shall support and develop independently the many research collaborations of the center – particularly with one of the six high-profile areas of the University of Bremen and including the industrial partnerships. The candidate is expected to co-organize the Research Training Group ‘π^3 Parameter Identification’ (funded by the DFG, started in 2016) and must be willing to take in the future responsibility in leading the Center for Industrial Mathematics.

In addition to research productivity and obtaining third-party funded collaborations, other tasks include teaching in the degree programs Mathematics and Industrial Mathematics as well as participating in service courses for degree programs in the natural and engineering sciences. A willingness to offer courses in English and, after at most three years, in German is expected. German language skills are not absolutely necessary at the time of hiring.

Requirements for this position are a completed mathematical university degree, an exceptional doctoral degree in mathematics, a State doctorate (German ‘habilitation’) or equivalent achievements, proven by scientific performance with international visibility, and some experience in teaching at a university (i.e. pedagogical eligibility) as well as in acquiring third-party funds. The appointment to this professorship will take place according to §18 of the BremHG (Bremen Higher Education Law).

The university offers many services to support new professors, including a Welcome Center, child care facilities and dual career as well as personal and career development programs. The University of Bremen is committed to equal opportunities and anti-discrimination and strives to increase the number of women in science. The university has received multiple awards for its gender equality policy and is certified as a family-friendly university. Female candidates are explicitly encouraged to apply. International applications as well as applications from scientists with a migration background are expressly welcomed. Applications from handicapped candidates will be given priority in case of equivalent personal and professional qualification.

Applications including all relevant documents and copies of degree certificates, should be submitted by August 10, 2018 to:

Universität Bremen
Fachbereich 3 - Mathematik und Informatik
Fachbereichsverwaltung
Bibliothekstraße 5
28359 Bremen

or electronically in a single PDF file to P-132@fb3.uni-bremen.de

Comprehensive information on all aspects of the hiring process can be obtained here: www.uni-bremen.de/en/university/academic-career.html

More information regarding this position can be given by Prof. Peter Maass, please contact via pmaass@uni-bremen.de