



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

The Research Training Group 1023 „Identification in Mathematical Models: Synergy of Stochastic and Numerical Methods“ at the University of Göttingen invites applications for an immediately available 3-year (= 2-year + option for 1-year extension)

PhD Position (Doktorandenstipendium).

The focus of our Biometrics research group (www.stochastik.math.uni-goettingen.de) at the Institute for Mathematical Stochastics (IMS) is on the development of novel models and methods for **fingerprint recognition**. Dissertation projects can interdisciplinary combine the potentials of stochastics, statistics, numerics and computer science for providing new solutions to exciting challenges in the coinciding areas of biometrics, pattern recognition and image processing.

Essential qualifications are a master degree, diploma or a comparable degree in mathematics, computer science or a related scientific field.

Preferred:

- Good skills in written and spoken English
- Programming skills (e.g. Java, C++, Matlab, R)
- Experience in mathematical or statistical imaging

Background in geometry, pattern recognition or image processing is advantageous. We expect creativity and independence, the ability to work and communicate within a team of scientists from different disciplines.

The scholarship of the DFG Research Training Group 1023 are based on the support rate granted by the DFG and amount to EUR 1365,- per month with a monthly supplement of EUR 103,-.

The advancement of equality at the IMS goes without saying; in particular, we are striving to increase the percentage of women in the science sector. Severely disabled persons with equal qualifications will be considered preferentially within the framework of legal requirements.

For further details, please contact: Prof. Dr. Axel Munk, munk@math.uni-goettingen.de
Phone: +49 (0) 551 39 172111.

Please send your application indicating **Code: Biometrics** including CV, a brief statement of research interests and contact details of two referees until **1st February, 2011** to steffi.greiner@mathematik.uni-goettingen.de or via postal delivery to: Steffi Greiner, Secretary, Institut für Mathematische Stochastik, Goldschmidtstr. 7, D-37077 Göttingen, Germany.