Chair C for Mathematics (Analysis) at the Department of Mathematics of RWTH Aachen University invites applications for a

**PhD Position (TV-L E13, 75%)**

The successful candidate will be supervised by Sjoerd Dirksen and Holger Rauhut. The candidate will conduct research in the field of compressed sensing and related areas, such as high-dimensional probability and random matrix theory.

The starting date for the position is flexible. The contract is initially for a period of 2 years, with a possible extension to 3 years. Salary is determined according to level TV-L E13 (75 %) of the public service salary system.

**Teaching Responsibilities:**
- No teaching until December 2015.
- From January 2016 teaching duties of at most 3 hours per week during semesters (3 SWS).

**Required Qualifications:**
- An MSc. degree in Mathematics, Theoretical Computer Science or Statistics with excellent grades
- A background in one or more of the following areas is preferred, but not strictly necessary: probability theory, functional analysis, mathematical signal processing, harmonic analysis, convex optimization.

Applications should include:
- CV, including a list of grades
- Short motivation letter (at most 2 pages)
- Copies of BSc. and MSc. certificates
- Name and e-mail address of at least one senior researcher, who can be contacted for a letter of reference

For further information on our research group, please visit: [www.mathc.rwth-aachen.de](http://www.mathc.rwth-aachen.de)

For further inquires please send an e-mail to: dirksen@mathc.rwth-aachen.de

Applications should be sent before **Friday, 16 January, 2015** to: dirksen@mathc.rwth-aachen.de. Later applications will be considered until the position is filled.