



Research Training Group 2224

“ π^3 : Parameter Identification – Analysis, Algorithms, Applications”

This research training group at the University of Bremen, funded by the German Science Foundation DFG, invites applications for

12 PhD positions,
German federal employee scale TV-L E13, 75% of a full position,
for 3 years, starting 1 October 2019.

The RTG π^3 offers:

- Collaborative research projects between mathematicians of the Center for Industrial Mathematics; mathematicians in analysis, topology, and statistics; and applied scientists.
- Research topics including inverse problems, direct optimisation, mathematical data analysis.
- A multifaceted qualification programme in applied mathematics and scientific computing, including research stays at partner institutions abroad, summer schools, and training workshops.

Requirements for PhD candidates:

- M.Sc. or equivalent degree with excellent grades in math sciences or related fields.
- Experience in one of the research topics of this RTG.
- Skills in scientific computer programming.
- Internship in industry or research is advantageous.
- Fluency in English.
- Desire to work in an international and interdisciplinary team.

Gender equality will be given special emphasis within this research training group. Applications from female candidates, international applications and applications of academics with a migrant background are explicitly welcome.

For detailed information please visit

<http://www.math.uni-bremen.de/rtg-pi3/openpositions>