



The Institute of Mathematics and Scientific Computing is filling an

**Assistant Professor (University Assistant with doctorate)**

(40 hours a week; fixed-term employment for 6 years; to be filled immediately)

Job specification:

- Research in the field of applied mathematics with emphasis on the analysis and the numerics of problems in mathematical image processing and inverse problems
- Collaboration in the special research program „Mathematical Optimization and Applications in the Biomedical Sciences“ (<http://math.uni-graz.at/mobis>) and in interdisciplinary cooperation projects
- Independent teaching of courses in the field of applied mathematics, supervision of students and holding of exams
- Participation in organizational and administrative matters

Professional qualifications:

- Doctoral degree in a mathematical branch of study
- Solid knowledge of mathematical methods in image processing, inverse problems and numerical mathematics
- Knowledge of functional analysis, geometric measure theory, continuous mathematical optimization and its efficient algorithmic realization (desirable)

Personal profile:

- Ability for integration into interdisciplinary cooperation projects, in particular the special research program „Mathematical Optimization and Applications in the Biomedical Sciences“
- Capacity for teamwork, organizational talent and ability to communicate
- Ability to teach in german language

**Salary:** According to university collective agreement B1 (currently €3,381.70 monthly gross income, 14x a year)

**Information for application:** On the institute's homepage at <http://math.uni-graz.at/jobs.html> and on <http://jobs.uni-graz.at/en/MB/4/99>

**Application deadline:** 24 April 2013

As an equal opportunity and affirmative action employer, we explicitly encourage nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the institute's research and teaching strategies.

Univ.-Prof. Dr. Kristian Bredies  
Institute of Mathematics and Scientific Computing

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