

tenure track position “optimization with PDEs”

Applications are invited for a full time *Laufbahnstelle* (tenure track position) “Optimization with Partial Differential Equations” at the **Institut for Analysis and Scientific Computing at TU Wien**. The contract is initially for a six year fixed term position and is turned into a permanent contract with promotion to *associate professor* upon achieving terms to be agreed upon as part of the initial contract.

Responsibilities:

- maintain a vigorous research program in optimization with PDEs and its applications;
- maintain a record of excellent teaching, at undergraduate as well as graduate levels.

Formal requirements: PhD degree in mathematics or related field.

Scientific expertise: The successful candidate will be well-established in a current, active research area in the field of optimization with PDEs. In particular, expertise in one or several of the following areas is sought: theory and/or numerics of PDE-constrained optimization, control theory, non-smooth optimization, optimization in the presence of stochastic effects.

Further requirements: Preference will be given to candidates who are able to demonstrate:

- international visibility, in particular, outstanding research results and publications in international journals;
- evidence of the ability to attract research funding;
- teaching experience, including the supervision of bachelor and master theses;
- interest in research cooperations beyond mathematics.

While proficiency in German is not a prerequisite, the successful candidate is expected to acquire enough knowledge of the language to teach in German after 2 years.

Applications (in English or German) comprise:

- comprehensive curriculum vitae
- list of publications, highlighting (or listing) the 5 most important ones
- motivation letter
- research statement (presentation of achievements, research plan and concept, relation to research environment at the institute, etc; max 3 pages)
- teaching statement
- copies of 5 selected publications

Closing date: November 16, 2016

Applications: Please send applications by mail or email to **susanne.pietsch-brousek@tuwien.ac.at** (Personaladministration, Fachbereich wiss. Personal der TU Wien, Karlsplatz 13, A-1040 Wien).

Questions: please contact Prof. J.M. Melenk (**melenk@tuwien.ac.at**)

Official advertisement: The official advertisement of the position is the text in the “Mitteilungsblatt” of TU Wien at https://tiss.tuwien.ac.at/mbl/blatt_struktur/anzeigen/10250#p299.1