



Programme Information

German Research Chair “Mathematics and its Applications” at the African Institute for Mathematical Sciences (AIMS) in Tanzania

The Alexander von Humboldt Foundation is announcing a research chair, under the programme financed by the Federal Ministry of Education and Research (BMBF) entitled “German Research Chairs”, at the African Institute for Mathematical Sciences in Bagamoyo, Tanzania. AIMS Tanzania (www.aims.ac.tz) is part of the AIMS-Next Einstein Initiative (AIMS-NEI, www.nexteinstein.org). This initiative seeks to establish a coordinated network of 15 supra-regional centres of excellence in Africa during the next ten years to help meet the need for scientists trained in mathematics. The first AIMS centres in South Africa, Senegal, Ghana and Cameroon are models for AIMS Tanzania and other institutes being created in Africa.

The internationally advertised research chair is designed to help strengthen university education in mathematics and research in Africa, promote networking between AIMS Tanzania and German universities, and support networking amongst the various AIMS centres in Africa.

The call addresses academics worldwide who demonstrably conduct application-related research in the field of mathematics and have several years of experience in training students and (ideally) doctoral candidates.

The successful candidate will be expected to live and work in Tanzania. A joint appointment at a university in Tanzania is planned. AIMS Tanzania will evaluate the chair holder after three years of funding. A long-term establishment of the research chair at AIMS Tanzania independent of BMBF funding is intended.

Sponsorship

The sponsorship will initially be made available for four years and will total up to 560,000 EUR. It will comprise the following items:

- salary attached to the research chair depending on the career stage of up to 85,000 EUR p.a. (employer's gross amount)
- relocation costs of the chair holder (up to 10,000 EUR once only)
- research stays undertaken by the chair holder to conduct research projects of her/his own choice at institutions of collaborative partners in Germany (up to 10,000 EUR p.a.)
- participation in national and international conferences (up to 7,500 EUR p.a.)
- realisation of workshops and conferences at AIMS Tanzania (15,000 EUR p.a.)

- funding for specialist literature, equipment and expendable materials at AIMS Tanzania (up to 20,000 EUR p.a.)

For detailed information on the use of the sponsorship amount, please refer to our "[Regulations on the Use of Funds](#)".

Furthermore, the German Academic Exchange Service (DAAD) will promote cooperation with German universities and networking amongst the AIMS centres by funding scholarships (doctoral students, mobility) once the chair holder is established.

The chair holder at AIMS Tanzania will become eligible for the Alexander von Humboldt Foundation's alumni sponsorship.

Application procedure

There will be **one call** for the German Research Chair at AIMS Tanzania. Applications may be submitted by academics who

- have completed a doctorate and have at least three years of teaching experience, including experience in supervising university students
- have an outstanding, internationally recognised research record
- are active in international scientific networks and collaborations
- have experience in scientific capacity building (research and teaching)
- conduct research in the field of mathematics and its applications and welcome the challenge of cooperating with other fields inside and outside academia
- conduct application-relevant research and are thereby able to contribute to the development of Africa
- already have or will establish a scientific cooperation with a German institution of higher education

Cooperation with German partners

Ideally, the submitted application should already include plans regarding collaboration with an academic partner based in Germany. Applicants are expected to explain convincingly how their future cooperation with researchers at one or more universities/research institutions in Germany can be developed and how junior researchers will be integrated.

An application can be submitted even if contact with a partner at a German university/research institution has not yet been established by the application deadline.

Selection procedure

An independent selection committee, which also includes representatives of AIMS Tanzania and AIMS-NEI, will decide on appointment to the chair in the middle of the year 2017. Selection is based on independent peer review. Suitable candidates will be invited to Tanzania to present their work. The Alexander von Humboldt Foundation will notify applicants of the outcome shortly after the selection committee's decision. The successful candidate will be requested to take up the position as soon as possible.

The deadline for submitting applications is

1 February 2017.

Applications received late can only be considered subject to prior agreement.

Complete applications should be sent to:

**Alexander von Humboldt Foundation
Selection Department
Jean-Paul-Str. 12, 53173 Bonn, Germany**

The Alexander von Humboldt Foundation explicitly welcomes applications from qualified **female academics**.

All application documents are available on our website www.humboldt-foundation.de. In case of further questions please contact GermanResearchChairs@avh.de.

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