



AIMS

**African Institute for
Mathematical Sciences
SOUTH AFRICA**

Postdoctoral Fellowship in the AIMS South Africa Research Centre

The African Institute for Mathematical Sciences (AIMS) South Africa in collaboration with Stellenbosch University, hereby invites applications for postdoctoral positions.

The AIMS South Africa Research Centre was launched during May 2008 with the mission to conduct and foster outstanding research and learning in the mathematical sciences, thus contributing to the next generation of pan-African leaders in many spheres and the advancement of African science and academia within a multicultural environment.

This is achieved by creating a research environment with focused themes; integrating research with postgraduate training and developing young researchers; and providing a space for mathematical scientists to work together and interact with local and international researchers within their focus framework.

The research conducted has a strong focus on cutting-edge topics which relate to mathematical modelling in a multi-disciplinary context. In particular those that are most relevant to African development, especially in fields where scientists in Africa have a competitive advantage and can do world-leading research.

Research is focused on the following areas:

- Cosmology & Astrophysics
- Mathematical Finance
- Mathematical Foundations & Scientific Computing
- Data Science & Information Systems
- Artificial Intelligence for Statistical Ecology

Duties include:

- Conducting research
- Publishing results in leading peer-reviewed journals and at international conferences
- Assisting senior researchers in leading students into exciting research projects
- Collaborate with researchers at the AIMS Research Centre

Requirements

- A relevant doctorate achieved not longer than 5 years prior to the application
- A developing research capability which will lead to good international publications
- Ability to tutor postgraduate students successfully
- Good communication skills
- Fluency in English
- Ability to work as part of an interdisciplinary team

Applications should be emailed to research-admin@aims.ac.za and should consist of the following:

- A covering letter motivating the application
- A comprehensive curriculum vitae
- A research plan for work to be undertaken during the fellowship period
- Two reference letters from academics familiar with your work
- Statement on citizenship and whether a South African work permit is currently held
- Other practical information such as earliest date of commencement

The Fellowship is normally valued at R260,000 per annum. No benefits or allowances are provided. The award is compliant with the SARS rules for tax exemption and is tenable for two years. Preference will be given to African applicants and those from SADC member states are particularly encouraged to apply.

Please note the following:

1. The appointment must comply with the approved policies, procedures and practices for the postdoctoral sector, as well as those of the relevant funding agency.
2. The fellowship cannot be held concurrently with any supplementary funding.

Closing date for applications: 6 May 2022

Applications may be considered after the closing date if the positions are not filled

DISCLAIMER: AIMS South Africa reserves the right to disqualify ineligible, incomplete and/or inappropriate applications. AIMS also reserves the right not to make an appointment to the position as advertised or to extend the deadline for applications. Only successful applicants will be contacted.