

Mathematics Innovation Manager

Status:	Full-time, 3 year fixed contract
Direct reports to:	The Director, AIMS South Africa
Indirect reports to:	The Academic Director: Mathematical Sciences
Duty Station:	AIMS South Africa

About AIMS

The African Institute for Mathematical Sciences (AIMS) is a pan-African network of Centres of Excellence for post-graduate training, research, and public engagement in mathematical sciences. The network comprises six AIMS Centres located in five countries, of which AIMS South Africa is one. Research and innovation is one of the goals of our research-oriented Centre that facilitates high-quality research.

If you have a collaborative spirit and a passion for facilitating innovation, this is an opportunity for you to join our team as a Mathematics Innovation Manager. In this role, you will be an integral part of our dynamic team that works towards the shared goal of advancing Africa's development through research and innovation.

Job Overview

The role has three components: Mathematics; Innovation; Management.

Mathematics. As a Mathematics Innovation Manager, your job description will involve understanding, conducting and interpreting mathematical research, as well as advancing the state of the art in mathematical research. Being a leader in your field, you could teach a regular advanced mathematics course, pursue original research and supervise students. The role requires a broad interest in the various fields of mathematical science.

Innovation. Equipped with an advanced base, you will encourage innovation in big and small ways. The role is ideally suited to an out-of-the-box thinker who could facilitate bridges between research and practice for AIMS staff and students, ranging from entrepreneurship education to forging pathways for applied work done at AIMS into industry to bringing AIMS South Africa closer to Cape Town's thriving start-up ecosystem.

Manager. You will manage an entrepreneurship and design thinking program, as well as all projects, workshops and activities around it.

Responsibilities

- Support AIMS graduates in transitioning to employment through professional skills development and liaising with industry for internships, research, and job opportunities for students and graduates.

AIMS South Africa Council

David Holgate (Chair, University of the Western Cape), Daya Reddy (University of Cape Town), Grae Worster (University of Cambridge), Kerstin Jordaan (University of South Africa), Mike Giles (University of Oxford), Neil Turok (University of Edinburgh), Sibusiso Moyo (Stellenbosch University), Thandi Mgwabi (Nelson Mandela Metropolitan University), Ulrich Paquet (AIMS)



AIMS

African Institute for
Mathematical Sciences
SOUTH AFRICA

6 Melrose Road, Muizenberg
Cape Town 7945, South Africa
Email: info@aims.ac.za Web: www.aims.ac.za

- Contribute to the development, negotiation, and maintenance of industry partnerships.
- Support the delivery of entrepreneurship development programs at the Centre.
- Deliver courses in entrepreneurship and innovation to AIMS students.
- Deliver courses in mathematical sciences to AIMS students, based on expertise.
- Contribute to the development and execution of educational and marketing initiatives such as training, hackathons, workshops, etc.
- Regularly report to the Director on the status of activities.
- Actively contribute to the compilation of information for reporting to funders.
- Contribute to the AIMS Research Centre through research and engagement, based on expertise.

Required Skills

- A PhD or Master's degree or equivalent in a mathematical or computational discipline.
- Ability to understand and communicate (written and oral) complex science and technological concepts to a broad range of audiences.
- Project management experience.
- Interest in building the capacity of young African scientists.
- Experience in teaching mathematics and working with students.

Working Conditions

- Based in Muizenberg, South Africa.
- Travel within and out of Africa from time to time.

Applications

To apply, please submit your CV, a cover letter detailing your relevant experience and interest in the position, and contact information for at least three references to:

vacancies@aims.ac.za

Applications will be accepted until **15 November 2024**.

AIMS South Africa reserves the right not to make an appointment at its sole discretion. AIMS is an equal-opportunity employer.

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