



# AIMS

African Institute for  
Mathematical Sciences  
RESEARCH & INNOVATION

District Gasabo, Sector Kacyiru,  
Cellule Kamatamu Rue KG590 ST  
Kigali, Rwanda

## Job Profile

**Title:** Senior Scientist – KTT Project

**Status:** Full-time – 3 years fixed contract

**Reports to:** AIMS RIC, Centre President & Chief Scientific Officer

**Duty Station:** AIMS RIC, Kigali Rwanda

### Role Overview

#### AIMS Research and Innovation Centre

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. One of these is the AIMS Research and Innovation Centre (AIMS RIC): a research-oriented Centre facilitating high-quality research through creation of a world class environment that fosters creativity and innovation.

#### The Knowledge and Technology Transfer (KTT) Project

Funded by the German Federal Ministry of Education and Research (BMBF) through Koblenz University in Germany, the Knowledge and Technology Transfer (KTT) project is aimed at analysing, developing, and implementing professional structures and services dedicated to advancing scientific knowledge and driving innovation. Additionally, the project aims to further develop these structures and services into a comprehensive strategy for establishing an AIMS Excellence Centre for KTT. Ultimately, the KTT project seeks to engender an “AIMS way” of translating scientific advances into benefits for all of society, underpinned by a robust understanding of relevant organizational structures and dynamics.

AIMS RIC is looking for a Senior Scientist to lead technical aspects of the KTT project.

### Responsibilities

- Lead research and analysis to identify potential areas of KTT in alignment with AIMS research areas.
- Lead the development and establishment of the KTT framework, structures, and services.
- Lead the development and delivery of academic and professional courses relevant to KTT.
- Build and maintain relationships with stakeholders within the KTT ecosystem.
- Oversee the planning and execution of the technical aspects of the KTT Project.
- Provide guidance and support to the project team on best practices for KTT.
- Conduct regular evaluations and assessments to measure the project impact, identify required improvements and recommend adjustments as needed.
- Lead the development & implementation of KTT strategy, policies and initiatives to ensure relevant knowledge, skills and research outputs developed at AIMS are effectively and efficiently converted into socio-economic value.
- Collaborate with legal experts to manage intellectual property rights and promote the beneficial use of research results.
- Collaborate with AIMS RIC’s communication team to disseminate information about the project progress, outcomes, and key milestones.
- Advise AIMS RIC management on all knowledge and technology transfer aspects.
- Lead periodic meetings with the project team.



# AIMS

African Institute for  
Mathematical Sciences  
RESEARCH & INNOVATION

District Gasabo, Sector Kacyiru,  
Cellule Kamatamu Rue KG590 ST  
Kigali, Rwanda

## Skills & Competencies

- Ph.D. in mathematics, computer science, engineering, or related disciplines
- A scientific background in one or more of the following fields: Mathematical Modeling, Data science, Quantum Science, AI, internet of things.
- Business development experience
- Experience of successfully working with academic staff in exploiting research, which is proven through a track record of conducting high-impact research, demonstrated through publications and project outcomes.
- Knowledge and experience in intellectual property management is a plus.
- Ability to understand and communicate (written and oral) complex scientific and technology concepts to a range of audiences.
- Interest in capacity building of young African scientists.

## Core Competences

- Personal drive and effectiveness
- Leadership and mentoring skills.
- Intellectual property management
- Analytical and adaptability skills
- Collaboration and negotiation
- Excellent communication skills
- Influencing and negotiation skills
- Innovativeness
- Problem solving skills.

## Working Conditions

- To be based in Kigali, Rwanda.
- Travel within and out of Africa
- Available to work outside of normal business hours to respond to AIMS demands as may be needed from time to time.

To apply, please submit your CV, a cover letter detailing your relevant experience and interest in the position, and contact information for at least two academic references to [applications@aimsric.org](mailto:applications@aimsric.org) (i.e. quote "Senior Scientist – KTT Project" in the subject line) Applications will be accepted until **May 31, 2024**.

Should no feedback be received from AIMS RIC within four **(4) weeks** of the deadline, kindly accept that your application will not be further pursued. AIMS RIC reserves the right not to make an appointment at its sole discretion. AIMS RIC is an equal opportunity employer.