

CALL FOR APPLICATIONS

RESEARCH ASSOCIATE AT THE AFRICAN INSTITUTE FOR MATHEMATICAL SCIENCES (AIMS) GHANA



A Research Associate position is available at AIMS Ghana's research Centre, in Stochastic and Finance. The award is tenable for a period of up to 16 months from May 2023. The position is funded by the Alexander von Humboldt foundation under the German Research Chair in "Mathematics and its Applications" of Olivier Menoukeu Pamen.

The area of research will be centred on stochastic differential equations, (forward) backward stochastic differential equations with singular coefficients, dynamical systems.

The ideal candidate is expected to:

- Have a strong background in probability theory and stochastic analysis,
- Be in the process of submitting their PhD or have completed their PhD degree not more than five years ago

Along with the application form, documents to be submitted include:

- An updated CV
- A list of publications
- A short Research Statement (up to 5 pages)
- The names of two referees who agreed to write letter of support and one of them must be the current employer or past employer.
- PhD certificate/proof of submission (certified as true copy of the original certificate).
- Master's certificate (certified as true copy of the original certificate).

AIMS Ghana and its Location

The African Institute for Mathematical Sciences (AIMS) Ghana is part of a Pan-African network of Centres of excellence for postgraduate training, research and public engagement in mathematical sciences. Established in 2012, AIMS Ghana is the third centre in the network and a UNESCO Category II Centre of Excellence. General information about AIMS Ghana can be accessed on our website at www.aims.edu.gh.

AIMS Ghana is located at Summerhill Estates, East Legon Hills in Accra, and hosts an international mix of students, tutors, researchers, and staff from all over the world; attracting a diverse group of both in-country and international stakeholders from academia, industry and government who engage in idea origination, knowledge exchange and creative research.

Alexander von Humboldt Foundation

Alexander von Humboldt Foundation is a foundation established by the government of the Federal Republic of Germany and funded by the Federal Foreign Office, the Federal Ministry of Education and Research, the Federal Ministry for Economic Cooperation and Development as well as other national and international partners. The Foundation promotes international academic cooperation between excellent scientists and scholars from Germany and from abroad.

The German Research Chair in Mathematics and its Applications at AIMS Ghana, is funded by the Alexander von Humboldt Foundation, and the German Federal Ministry of Education and Research. The German Research Chair's work focuses on stochastic analysis and its applications, and through this position, there have been collaborations between AIMS Ghana and other AIMS Centres, institutions in Africa, in Germany, and globally.

The award is up to 34000 Euro a year.

Job title: Research Associate (fixed-term post) at AIMS Ghana's Research Centre
Closing date: Monday 3rd April 2023

Interview date: Tuesday 11th April 2023

Enquiries:

All enquiries should be sent via email to the Academic Manager, Dr. Angela Tabiri: angela@aims.edu.gh with the subject "Research Associate position in Stochastic and Finance".