

Post Title: Senior Lecturer or Associate Professor

Organization: East African Institute for Fundamental Research

Location: Kigali, Rwanda

Annual Net Salary: \$36,000 or \$42,000

Deadline (midnight Kigali time): March 8th, 2024 (Applications will be evaluated on a rolling basis until this deadline)

Expected start date: May 1st 2024 (Flexible)

How to apply: Candidates must use the ICTP's online application system which is accessible via ICTP's website at <https://www.ictp.it/home/work-ictp>

In addition, Candidates should submit their application dossier to personnel_office@ictp.it including their: 1) CV, 2) Research Statement (including previous and future plans) and 3) Enclose in the application, 5 of their most relevant publications.

THE EAST AFRICAN INSTITUTE FOR FUNDAMENTAL RESEARCH

The EAIFR is an ICTP Partner Institute with a UNESCO Category 2 status based in Kigali at the University of Rwanda (UR) (see <https://eaifr.ictp.it/about/>). The institute was created in 2018 with a view to position itself as a leading research and training institute in Eastern Africa in the broad area of theoretical and applied physics. The institute currently runs a vibrant post-graduate program consisting of PhD students and students enrolled in a 2-year Master program in Physics. Since its inception, EAIFR has hosted visiting scientists from around the globe and run numerous workshops and schools.

The institute is committed to diversity and aims for geographical and gender balance.

OVERVIEW OF THE FUNCTIONS OF THE POSTS

Under the supervision of the Director, the incumbent will undertake research in seismology and related fields such as geodesy and tectonics. We are particularly interested in applicants with a strong theoretical background in any subfield of seismology (including and not limited to: physics and mechanics of earthquakes, ground motion seismology, seismic tomography and volcano-seismology). We welcome applicants with experience in method development and/or new data collection methods and analysis techniques. Besides he/she will organize training programs for students and researchers from all over Africa, and will assist and teach in the Masters programmes. Essential responsibilities include:

- Carry out frontline research in their respective fields.

- Organise short courses, workshops, conferences, meetings etc. that are held by the Institute alone or in collaboration with other international bodies, especially the ICTP.
- Teach two courses in the Masters programme at the highest standard.
- Supervise students and postdoctoral fellows at the institute.
- Participate in the organization of the Masters programme in Physics.
- Actively participate in the development and running of a Ph.D. programme in Physics
- Interface with research staff of the College of Science at UR and with the ICTP.

REQUIRED QUALIFICATIONS

Education:

- Ph.D. in Physics or a related field.

Work Experience:

- Experience in lecturing and organizing training activities. (this experience in a developing country is an asset).
- Experience in supervising and mentoring young scientists.
- At least 4 years of relevant professional experience after obtaining the doctorate (2 years of which in an international environment is an asset).
- Candidates with experience in the use of high-performance computing in their research are strongly encouraged to apply.

Skills/Competencies:

- Ability to work in a multicultural environment as part of a team.

Languages:

- Excellent knowledge of English.

BENEFITS AND ENTITLEMENTS

On successfully completing a probationary period of six months, this post becomes a permanent position (the recipient gets a contract from UR renewable every three years). The net annual remuneration depends on the actual post and will be \$36,000 for Senior Lecturer and \$42,000 for Associate Professor. RAMA medical insurance is provided. All EAFR Faculty members are automatically offered an ICTP Associateship which supports research visits to the ICTP (<https://www.ictp.it/sti/associates-programme>).

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