NITheCS
National Institute for
Theoretical and Computational Sciences

National Institute for Theoretical and Computational Sciences

Postdoctoral position available: Africa Europe CoRE-AI

Host/Location: NITheCS Stellenbosch Hub

Value of Award: Competitive tax-free fellowship
Duration: 1 year, renewable upon sufficient funding

Summary:
We are seeking an enthusiastic, highly motivated and organised postdoctoral fellow to join our multidisciplinary team as we spearhead the Africa Europe Cluster of Research Excellence (CoRE-AI).

Join us at the Africa-Europe Cluster of Research Excellence “Addressing Global and African Challenges Through Methods of Artificial Intelligence , Data Science, and Theoretical and Computational Thinking” where we are dedicated to addressing global and African challenges through the application of Artificial Intelligence, Data Science, and Theoretical and Computational Thinking. Our mission is to contribute significantly to the achievement of the Sustainable Development Goals by addressing critical issues such as climate change, food security, education, public health, and social justice. As a postdoctoral fellow, you will have the opportunity to engage deeply within the CoRE-AI ecosystem, involving yourself in project coordination, management, funding acquisition, and rigorous data analysis.

Job requirements:
- PhD in Artificial Intelligence, Data Science or Theoretical and Computational Science or a related field, obtained within last 5 years
- Excellent organisational, planning and interpersonal skills
- Evidence of successful manuscript writing
- Evidence of successful grant/funding applications
- Experience with analysis of datasets will be an advantage
- High level of accountability, integrity and a good understanding of confidentiality

Duration:
The fellowship is tenable for 1 year with the possibility of a further extension, depending on available funding. Please note that postdoctoral fellows are not appointed as employees at SU and are therefore not eligible for employee benefits. Postdoctoral fellowships are also awarded tax free.

Commencement of duties: 01 May 2025 or as soon as possible thereafter.

Application Details:
To apply, please send the following to Mrs Rene Kotze at applications@nithecs.ac.za (PDF format only and separate documents please).
- Motivation for applying for this position
- Updated CV including publication list and names and email addresses of two referees, who can be contacted immediately upon shortlisting.
- Proof of PhD qualification and copy of academic transcript

For further information please contact Prof Francesco Petruccione on petruccione@sun.ac.za

* Review of applications will begin on 30 April 2025 and continue until the bursary has been awarded. NITheCS reserves the right not to make an appointment and to continue searching after the closing date. Early applications are encouraged. Our search will conclude upon identifying the ideal candidate. Candidates without the necessary skills will not be contacted.