



THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY
UNIVERSITY OF DAR ES SALAAM



DEPARTMENT OF PHYSICS

In replying please quote:

Our Ref No: **UDSM/PH/ANSTT6/1**

18th March, 2026

Organizing Committee,
ANSTT6,
iThemba LABS, Cape Town,
South Africa.

RE: MOTIVATION LETTER TO ATTEND WORKSHOP ON ADVANCED NUCLEAR SCIENCE AND TECHNOLOGY TECHNIQUES

Please refer to the above-captioned subject matter.

I am writing to express my strong motivation to participate in the Workshop on Advanced Nuclear Science and Technology Techniques (ANSTT), scheduled to be held at iThemba LABS, Cape Town, from 18th to 22nd May 2026.

My academic and research interests are centered in the field of nuclear science and radiation physics. Participating in this workshop will provide me with an excellent opportunity to enhance my knowledge of advanced experimental techniques, data analysis methods, and emerging technologies in nuclear science. I am particularly interested in gaining hands-on experience and engaging with experts and fellow researchers in this specialized field.

As part of my ongoing research, I have submitted an abstract entitled '**Measurement of Azimuthal Bremsstrahlung Photon Emission from a 28-GHz ECR Ion Source Using NaI(Tl) Detectors.**' This work focuses on understanding photon emission characteristics in high-frequency Electron Cyclotron Resonance (ECR) ion sources, which has important implications for both fundamental research and practical applications in nuclear science.

Attending this workshop will significantly contribute to the advancement of my research by exposing me to modern instrumentation, experimental methodologies, and collaborative opportunities. Furthermore, the knowledge and skills gained will be valuable not only to my personal academic development but also to my institution and the broader scientific community.

I am confident that my participation in this workshop will enable me to contribute meaningfully to discussions and benefit from the exchange of ideas with leading scientists in the field.

Thank you for considering my application.

Yours sincerely,



Dr. Mwingereza J. Kumwenda
SENIOR LECTURER,
DEPARTMENT OF PHYSICS