



THE TECHNICAL UNIVERSITY OF KENYA

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NAME: MR ISAAC MUMO MUTIE

Faculty:	Applied Sciences and Technology
School:	PHYSICS AND EARTH SCIENCES
Department:	ASTRONOMY AND SPACE SCIENCES
Current Designation:	Tutorial Fellow, ASTRONOMY AND SPACE SCIENCE (DASS)
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Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	ASTRONOMY AND ASTROPHYSICS	THE UNIVERSITY OF MANCHESTER(United Kingdom)	2019
Bachelor of Technology (B.Tech)	TECHNICAL AND APPLIED PHYSICS	THE TECHNICAL UNIVERSITY OF KENYA(Kenya)	2015
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	KITUI HIGH SCHOOL(Kenya)	2009

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
January 2020 - To date	Technical University of Kenya	Tutorial Fellow
October 2019 - July 2020	Goonhilly Earth Station (UK)	Graduate Engineer

CURRENT RESEARCH PROJECTS

PROBING THE CONSEQUENCES OF ACTIVE GALACTIC NUCLEI (AGN) OUTFLOW ON DENSE MOLECULAR GAS	Astrophysics
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SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
The role of AGN jets in shaping evolution of galaxies	View online	2023
LeMMINGS. VI. Connecting nuclear activity to bulge properties of active and inactive galaxies: radio scaling relations and galaxy environment	View online	2023
LeMMINGS. V. Nuclear activity and bulge properties: a detailed multi-component decomposition of e-MERLIN Palomar galaxies with HST	View online	2023
LeMMINGS III. The e-MERLIN legacy survey of the Palomar sample: exploring the origin of nuclear radio emission in active and inactive galaxies through the [O III] - radio connection	View online	2021
Radio detection of SN2018ivc with VLA and e-MERLIN	View online	2022
Radio jets in NGC 1068 with e-MERLIN and VLA: structure and morphology	View online	2024
VizieR Online Data Catalog: LeMMINGS V. Nuclear activity and bulge properties	View online	2023

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Fellow	Royal Astronomical Society (RAS)
Member	Physics Society of Kenya (PSK)
Member	Africa Astronomical Society (AfAS)
Exec Member (Student Rep)	East Africa Astronomical Society (EAAS)