Department of Physics, University of Nairobi, Kenya.

Prof. Francis N. Wanjala
About the University and Center

• **Vision**: A world-class university committed to scholarly excellence

• **Mission**: to provide quality university education and training and to embody the aspirations of the global community through creation, preservation, integration, transmission and utilization of knowledge.

• **Focus Area**: ENERGY including Renewables

• **Innovation Activity & start-ups**: Science and Technology Park, FABLAB
Research and Innovation Topics

- Focus on R&D in Energy problems facing sub-Saharan Africa and globally:
  - Low cost (Photovoltaic's) based on Dye sensitized solar cells (DSSC) and related solar cells
  - Training and installation of PV systems
  - Ceramic insulators for energy efficient cooking “stoves” & industrial use
  - Nanoporous ceramic water purification systems for domestic uses
  - Solar thermal materials for domestic and industrial use
Areas of Collaboration that we are interested

For Partner Universities

• Postgraduate Training (MSc and PhD) in:
  • Energy including renewable Energy
  • Thermo-physical properties of materials
  • Material Science for water purification systems

For Partner Companies

• Research in Photovoltaic's and Photothermal systems
• Manufacture of affordable nanoporous water filters for domestic use
Energy Research Group Members

Contact information

Department of Physics
University of Nairobi
P. O. Box 30197 - 00100,
GPO Nairobi.

Email: physics@uonbi.ac.ke

Prof. B. Aduda        Prof. J. Mwabora      Prof. F. Wanjala
Dr. J. Simiyu          Dr. S. Waita           Dr. A. Ogacho
Dr. R. Musembi