

BOB KYEYUNE

PERSONAL INFORMATION

| | |
|-------------|--|
| Nationality | Ugandan |
| Gender | Male |
| email | bob@aims.ac.tz |
| email | bob.kyeyune@uos.de |
| Mobile | +491789139426 |

Goal

Gaining fundamental experience in physics of materials through research activities. Bridging the gap between Industry and scientific research as a pivotal ingredient towards next generation technological advancement.

Education

| | |
|--|---|
| Doctorate in Experimental Physics | 2019/.... Specialization: Nanoscience · Ongoing Advisors: Prof. Dr. rer. nat. Michael REICHLING · reichling@uos.de Universität Osnabrück, Germany |
| Masters Degree in Technical Physics | 2017/18 Specialization: Technical Physics · GPA: 4.47/5 · <i>Very Good</i> · Advisors: Prof. Erkki Lahderanta: Erkki.Lahderanta@lut.fi Lappeenranta University of Technology, Finland |
| Msc for Mathematical Sciences | 2016/17 Specialization: Physics · GPA: 4.31/5 · <i>Distinction</i> · Advisors: Dr. Julia BORCHARDT · julia@aims.ac.tz AIMS-Tanzania, Tanzania |
| Bachelor of Science (Physics, Math) with Education | 2010/14 Specialization: Physics · CGPA: 4.04/5 · <i>Second class upper 2 : 1</i> Reference: PROF. WINSTON IREETA · ireeta@cns.mak.ac.ug PROF. FLORENCE D'UJANG · fdujanga@cns.mak.ac.ug Makerere University, Uganda |

Work experience

| | |
|--------------------------|--|
| Scientific Researcher | 2019/..... Execution of surface science measurements with atomic force microscopy in UHV, STM. Further development and adaptation of the measurement set-up. Evaluation, presentation and interpretation of the experimental findings. Publication of the results. Supervision of Laboratory SFM activities for Msc. students. Reference: Prof. Dr. rer. nat. Michael REICHLING · reichling@uos.de Scientific Researcher, UNIVERSITÄT OSNABRÜCK |
| Research Assistant | 2018/2019 Characterising semiconductor nanowires with atomic force microscopy and scanning electron microscopy. Publish research findings. Ref: Prof. Erkki Lahderanta: Erkki.Lahderanta@lut.fi Research Assistant, LUT UNIVERSITY |

Gulu Central High School 2014 Teacher, GULU CENTRAL HIGH SCHOOL, UGANDA
 Worked as a physics and mathematics teacher at advanced secondary level, was responsible for preparing the lesson plans, scheme of work and conducting the teaching sessions, preparing exercises, tests, and exams.
 Reference: DR. ONEN OTTO +256 772 586959 · donenotoo@cees.mak.ac.ug

Word of Life International School 2016 Teacher, WORD OF LIFE INTERNATIONAL SCHOOL
 Grade 12 physics and mathematics teacher, responsible for preparing the lesson plans, teaching sessions, preparing exercises, tests, and exams.

Workshops

Solar Energy February 2014 Solar Energy workshop
 The workshop focused on discussing specific issues associated with analysing PV sites and determining the right system size and system Installation.
 Supervisor: Fred TWINAMASIKO

Space Science Sept. 2012 Space Science a Tool to Uganda's Development
 The work shop welcomed different participants from different Sectors like the Army, Civil Aviation, Universities and some Undergraduate space physics students. The objective of the workshop was to discuss how space science would contribute to the development Uganda and advocate for the introduction of master of Science in space physics at Makerere University programme.
 Supervisors: Florence D'UJANGA M

Computer skills

PYTHON, MATLAB, L^AT_EX

Awards

Awards 2020 · Nano Certificate, Nanotechnology-Moving research from the lab bench to the market.

Awards 2018 · EDUFI Fellowship grant /TM- 18-10918.

Awards 2017/18 · Lappeenranta University of Technology Double Degree Scholarship

Awards 2016/17 · Outstanding Student in performance on the Masters of Science in Mathematical Sciences, African Institute for Mathematical Sciences - Tanzania

Awards 2016/17 · AIMS-Next Einstein Initiative Postgraduate Scholarship

Awards 2010/14 · Government of Uganda undergraduate Scholarship

Conference

Oral 2019 International Conference PhysicA.SPb/2019
 Surface Potential response from GaP nanowires synthesized with mixed phases

Oral 2022 35th European Conference on Surface Science
 A combinatorial approach for atomic-scale contrast interpretation of non-contact atomic force microscopy images on CaF₂(111)

Publications

IOP Publishing 1400(2019) Surface Potential response from GaP nanowires synthesized with mixed phases
 Journal of Physics: Conference series DOI:10.1088/1742-6596/1400/4/044018

July 29, 2022

Start: