

# Strathmore University

## **Professor Izrael Pereira Da Silva**

Prof. Izrael Pereira Da Silva is a PhD holder in Power Systems Engineering from the University of Sao Paulo (Brazil). He is the Deputy Vice Chancellor – Research and Innovation at Strathmore University. Before that he had 13 years of experience as an Associate Professor at Makerere University in the College of Engineering Design Arts and Technology (CEDAT). He is also an Energy Auditor with Energy Petroleum and Regulatory Authority (EPRA) as well as the chairman in Independent Power Producer, Power Purchase Agreement (IPP/PPA) taskforce constituted by the Ministry of Energy and Petroleum, Kenya, to help reduce national electricity tariff. His research interests include Sustainable Development Goals, Renewable Energy, Energy Efficiency, Climate Change Mitigation and Adaptation, Sustainable Development and Demand Side Management. In line with this interest, he has started the Strathmore Energy Research Centre (SERC), which does training, research, testing and consultancy services in energy related topics, promoting sustainable development and cooperation among countries.

## **Dr. Rebekah Shirley**

Named Africa Utility Week's 2018 "Outstanding Young Leader in Energy" Dr. Rebekah Shirley is the Chief Research Officer at Power for All, where she works toward better access to high-quality energy data and insights for the sector. She leads research on small-scale renewable energy and is currently hosted as a Visiting Research Fellow at Strathmore University, in Nairobi, Kenya, where she lives. Rebekah earned her PhD from the Energy and Resources Group at the University of California, Berkeley where she also previously obtained her MSc. Energy and Resources and a MSc. Civil Engineering. Her research explores models for integrated energy planning and opportunities for catalysing decentralized energy markets in sub Saharan Africa. Rebekah is a University of California Chancellor's Fellow and has won grants from institutions such as the Department of Energy, the Mott Foundation, and the Rainforest Foundation that support her work.

## **Geoffrey Ronoh**

Geoffrey Ronoh (BSc, MSc) is a Researcher at the Strathmore Energy Research Centre (SERC) and one of the founding consortium members of the Kenya Climate Innovation Centre. He has been involved in the establishment of national curriculum, training facilities and accreditation programs on renewable energy in East Africa. In addition, he has implemented a large programme for promoting energy efficiency in Kenya's food sector. Geoffrey is co-founder of OFGEN Limited, a solar PV project development and execution entity.

## **Dr. Julius Butime**

Julius Butime is an Electrical Engineer, He is currently the Head of Engineering Programmes at Strathmore University and a Senior member of the IEEE. He was formerly Head of Engineering and Technology at the African Advanced Level Telecommunications Institute based in Nairobi. He also was Chair of the Electrical and Computer Engineering Department at Makerere University. His main areas of interest are Spectrum Management, Computer vision, Radio frequency Techniques and Wireless communication. He has taken part in a number of research work as a lead and as a researcher, key to mention are the Renewable Energy Incubation project in 2015, ILABs @ Mak project in 2013, an MIT led collaboration and the MSI Uganda National Council of Science and Technology (UNCST) project funded by the World Bank and the Government of Uganda as a research head and Junior researcher respectively in 2010. At Makerere University, he was teaching at both undergraduate and post graduate levels, courses in Integrated Circuits fabrication, Image processing, Radio frequency techniques and Propagation. His strengths are in curricula development, engineering training and team building.

**Ms. Sarah Odera**

Sarah Odera is the current acting director of the Strathmore Energy Research Center where she leads strategy development and oversees day to day activities of the center which include research, capacity building and quality assurance for the pico-PV sector. During her time at the center she has led projects that involve development of technologies for water desalination, impact assessment of rural electrification and various capacity building initiatives such as energy access to policy makers and solar installations training in Somalia. Her research interests include energy planning and productive uses of energy. She has undergraduate degree in Mechanical Engineering and a MSc in Sustainable Energy Engineering