

# Gulu University



## **Dr. Collins Okello, PhD (Team Leader)**

Dr. Collins Okello is Senior Lecturer and Head of Department of Biosystems Engineering at Gulu University in Uganda. He has 15 years of experience in teaching, research and community outreach. Currently, Collins is the Coordinator of Graduate Training in the Faculty of Agriculture and Environment. He has participated in various collaboration projects and active in research with focus on development of sustainable biomass energy systems for developing countries. He has published/reviewed papers in/for international peer reviewed journals and also attended and presented papers at international conferences.



## **Dr. Michael Lubwama**

Dr. Michael Lubwama is a Senior Lecturer in the Department of Mechanical Engineering at Makerere University. He is the Deputy Centre Leader for the Africa Centre of Excellence in Materials, Product Development and Nanotechnology. He is also the Director for the Centre for Technology Design and Development at the College of Engineering, Design, Art and Technology at Makerere University. Dr. Lubwama is an active researcher with research interests in bio-composite plastics, carbon-based thin films, and waste recycling/up-cycling solutions.



## **Dr. Catherine Wandera**

Dr Catherine Wandera is a Senior Lecturer in the Department of Mechanical and Production Engineering, Kyambogo University, Uganda. She graduated with a Doctor of Science Degree in Mechanical Engineering from Lappeenranta University of Technology, Finland, in 2010. Her area of specialization is manufacturing; she has published a number of papers in reputable peer refereed journals and scientific conferences. She previously worked as Senior Lecturer at Busitema University, Uganda, from 2011-2017, as a Research Scientist and Teaching Assistant at Lappeenranta University of Technology from 2005 to 2010, and as production technician at HT Laser Oy, Finland, from 2009 to 2010.



## **Mr. Emmanuel Menya**

Mr Emmanuel Menya is a Lecturer at the Department of Biosystems Engineering, Gulu University. He has also been undertaking doctoral studies at Makerere University since 2016, and now awaiting public defence of his doctoral thesis. Emmanuel's research focus has been on the development of activated carbons from rice husks for humic acid removal from water. Emmanuel intends to continue investigating on the possibilities for biomass conversion for biofuels and bio-products. Emmanuel obtained his MSc degree in Sustainable Energy Engineering from KTH Royal Institute of Technology, Stockholm, while his BSc degree in Agricultural Engineering was obtained from Makerere University.