



Center of Excellence in
Phytochemicals, Textiles and Renewable Energy



Research for Industrial Growth

**International Conference on Phytochemistry, Textile and Renewable Energy
For Sustainable Development
August 11-15, 2020 – Moi University, Kenya**

International Conference on Phytochemistry, Textile & Renewable Energy for Sustainable Development

Theme:

**Advancing Science, Technology and In-
novation for Industrial Growth**

Date: 11th - 15th August 2020

Place: Eldoret, Kenya

Venue: Sirikwa Hotel, Eldoret.

Call for Abstracts

An International Conference on Phytochemistry, Textile, & Renewable Energy Technologies for Sustainable Development will be hosted by the Africa Centre of Excellence in Phytochemicals, Textile and Renewable Energy (ACEII-PTRE) based at Moi University. The theme of the conference is *Advancing Science, Technology and Innovation for Industrial Growth*. The research relationships between universities and industry have enabled the two entities to flourish and in the past have been credited for accelerated sustainable development and uplifting of millions out of poverty. The international conference therefore aims to provide a platform for academic researchers from all over the world to meet key industry professionals and actively share knowledge while advancing the role of research in industrial development, particularly, in the developing nations. The conference will also provide exhibitors with an opportunity to meet professionals across the world and showcase their business, products, technologies and equipment. The conference welcomes industrial exhibitions, research papers and presentations in the fields of Phytochemistry, Textiles, Renewable Energy, Industry, Innovations and Science, Technology, Engineering, Arts and Mathematics (STEAM).

Sub - themes

We encourage submissions on all theoretical and practical aspects, as well as experimental studies of relevant deployed systems. Thematic areas for the conference include, but are not limited to, the following subject categories:

- i. **Phytochemistry:** Nano materials, Medicinal chemistry, Natural products, Phytoremediation, Food nutrition, Phyto-economics and phytochemical analysis
- ii. **Progressive Textiles:** Sustainable textile technologies, textile engineering, technical textiles and composites. Textiles of the future.
- iii. **Renewable energy:** smart technologies for energy access; energy conversion; hybrid energy systems; energy systems modeling, optimizations and analysis; energy and environmental management; waste to energy; energy systems integration; energy storage, energy economics, policy and regulations.
- iv. **Transformative industrialization:** Industrial engineering, manufacturing, sustainable production and consumption.
- v. **Cross cutting:** Sustainable Technology and Innovations: Supporting Science and Social Innovations, Commercialization of Technology, Environment and Innovation for Growth, Ethics and Governance.
- vi. Any other abstracts in Science, Technology, Engineering, Arts and Mathematics (STEAM) that contribute/relate to the above thematic areas.

Important Dates

- u Abstract Submission: Deadline 15th March, 2020
- u Notification of Acceptance: 22nd March, 2020

u Full Paper Submission: 30th April 2020

Instructions for submission of abstracts

- Authors are invited to submit the abstract electronically in PDF format through the online submission system (<https://excellencecentre.mu.ac.ke>). The submission deadline for all abstracts is March 15th 2020 and decisions on acceptance will be made no later than 22nd March 2020. Abstracts should not exceed 300 words including examples and references and must be in 11pt type, single space, Times New Roman. The abstract should clearly be marked according to one of the six themes of the conference. Names and affiliations should be on a separate page. Please submit your abstract electronically to (<https://excellencecentre.mu.ac.ke>) or through E-mail to muptreaceii@mu.ac.ke.
- Double-blind review of all submissions will be undertaken based on relevance to the conference theme, originality, technical quality, significance and clarity.
- For all accepted papers, at least one of the authors must register and attend the conference to present.
- Accepted papers will be included in the conference proceedings.
- Selected full papers will be published in a peer reviewed journal (details of this will be communicated later).

Conference Charges

Kenyans and East Africa participants:	KES 8,000/= (\$80)
All student participants:	KES 6,000/= (\$60)
International participants:	\$150
Conference exhibitors:	KES 15,000/= (\$150)

Account details

Account Name: MOI UNIVERSITY ACEII WORLD BANK PROJECT
Account Number: 1202447163
Bank: KENYA COMMERCIAL BANK LTD
Swift Code: KCBLKENX
Branch: ELDORET

Contact information:

For inquiries, please contact the conference organizers through:

charlesnzila@mu.ac.ke, +254721942392

jkmakatiani@mu.ac.ke, +254704920581

muptreaceii@mu.ac.ke, +254731567121

Key note speakers

Key Note Speakers

Industrial Engineering

Dr. Marcus Perreira Pessoa, University of Twente, Netherlands

Textile Engineering

Prof. Lieva Van Langehove, Ghent University, Belgium
Professor of functional properties of materia.

Phytochemistry

Prof. Philippe Gerardin, Université de Lorraine
Professor of Natural Products, Chemistry

Prof. Christine Gerardin, Université de Lorraine
Professor of Organic Chemistry

Renewable Energy

Prof. Ramchandra Bhandari, University of TH Köln
Professor of Renewable Energy Systems

Cross - cutting

Dr. Beatrice Muganda
Director of Higher Education, Partnership for African Social and Governance Research (PASGR)/Team Leader, Pedagogical Leadership in Africa (PEDAL)
Specialist in pedagogical techniques

Prof Roger Petry, Luther College at the University of Regina, Saskatchewan, Canada
Associate Professor of Philosophy, and Coordinator Politics and Economics (PPE) Degree Program