



DEPARTMENT OF
**MECHANICAL
ENGINEERING**
College of Engineering,
Covenant University,
Ota, Nigeria.



Department of Chemical Engineering,
Faculty of Engineering, Built Environment
and Information Technology (EBIT)
University of Pretoria,
Lynnwood, Rd, Hatfield,
Pretoria, South Africa.



6th International Conference on Engineering for a Sustainable World **ICESW 2022**

PRESENT:

ENGINEERING FOR A SUSTAINABLE WORLD

DATE:
November 28-30, 2022

VENUE:
**Centre for Entrepreneurial Studies
Covenant University, Canaan Land,
Ota, Nigeria**

The Conference aims to bring together international experts, scholars, policymakers, industrialists, etc., to discuss contemporary and cutting-edge research in engineering management, innovation, energy development, and clean technology. This Conference will also provide a golden opportunity to meet experts and develop new collaborations on the fundamentals, applications, and products from various fields such as sustainable energy, sustainable cities, engineering innovations, clean technology/production, sustainable materials, engineering, mechatronics, renewable energy systems, etc.

The Conference Technical Sessions will be devoted to:

- Clean energy
- Engineering education for sustainable development
- Sustainable Process engineering and circular economy
- Nanotechnology and its applications in sustainable energy and environment
- Advanced and applied materials in sustainable energy and environment
- Biotechnology and its role in sustainable development
- Waste treatment and valorisation into value-added commodities
- Political and Institutional aspects of Sustainable Engineering
- Food-Water-Energy Nexus and Sustainable development
- 4th industrial revolution and its role in sustainable engineering practices
- Modelling and simulation as a tool in sustainable engineering practices
- Environmental impact assessment and sustainable development
- Safety process engineering, loss prevention and control in industry
- Hydrogen economy
- Sustainable engineering and circular economy
- Postharvest Technology in sustainable food security
- Sustainability in Process, Materials, Mining and Metallurgical Engineering

Roundtable discussions and breakout sessions will also facilitate open discussion on selected topics focused on sustainable engineering application.

FULL PAPER (FOR PRESENTATION AND PUBLICATION)

All accepted full papers would be invited to give an

oral presentation of the study and be published in the Conference's selected publication outlets.

ABSTRACT (FOR PRESENTATION ONLY)

All accepted abstracts will be invited to give an oral presentation only. The abstracts will appear in the book of the abstract that will be compiled in CD. Participants willing to present paper(s) at the Conference should submit abstract(s) of not more than 500 words in a word file and full-length paper(s) (for presentation and publication) to icesw2022@covenantuniversity.edu.ng, tolulope.loto@covenantuniversity.edu.ng or damola.adelekan@covenantuniversity.edu.ng

The conference proceedings will be published in the outlet below after a rigorous double blind peer-review process

1. Material Today: Proceedings

Accepted abstracts will be invited for submission of full-length papers. For preparation of full-length paper, check the link: <https://www.elsevier.com/journals/materials-today-proceedings/2214-7853/guide-for-authors>.

Managing Guest Editor: Prof. M. O. Daramola

- A link for the SI:ICESW2022 in the journal will be provided upon notification of acceptance of abstracts.
- Authors must select "SI:ICESW 2022" when they reach the "Article Type" step in the submission process.

Some previous proceedings can be viewed in the website below;
(ICESW 2019) <https://doi.org/10.1088/1742-6596/1378/1/011001>
(ICESW 2020) <https://doi.org/10.1088/1757-899X/1107/1/011001>

Requests should be made to the publisher for a link to all papers published in ICESW2021.

Each abstract must indicate clearly and precisely the significant points of interest, the novelty of the topic, and to which theme the paper is relevant (see the thematic areas of the conference).

In addition to the technical content, the abstract should contain the following information:

- Title of paper
- Theme (see the thematic areas under the technical sessions)
- Name and affiliation of the author(s)
- Full contact details of all the authors, including active email, phone, and fax numbers

ORGANIZATION

The Conference will include:

- Plenary and splinter or breakout sessions

- Poster sessions
 - Roundtables and mini-workshops
 - Technical exhibition (hardware, software)
 - Local Contents in Manufacturing
 - Undergraduate Students' Presentation/Competition Session
- The working language is English.

TECHNICAL EXHIBITION

An exhibition of hardware and software items is planned for the Conference. Interested organizations or individuals are invited to submit a request to display their hardware and software products during the Conference. The request should include a short description of the material to be displayed and its relevance to the conference themes and the table/floor/poster space required. Exhibitors are expected to register for the Conference.

PROCEEDINGS

A book of abstracts will be distributed to all participants on the first day of the Conference. Peer review process of the submitted full length papers will commence immediately after submission. Authors will receive the 'Instructions to Authors' for the preparation of their manuscript. These Instructions to Authors will also be made available on the conference website.

CONFERENCE REGISTRATION FEE

PARTICIPANT TYPE	COST	OPENING DATE	CLOSING DATE
Local Participant (Early)	\$250	July 1, 2022	August 20, 2022
Regular (Local)	\$300	August 12, 2022	October 10, 2022
Students (Local)	\$150	July 1, 2022	NA
Government Agencies	\$400	July 1, 2022	NA
Companies	\$400	July 1, 2022	NA
Foreign participant	\$400	August 12, 2022	November 1, 2022
Extra Paper	\$200		

PAYMENT OPTIONS

Bank transfer in any of the following Bank Accounts:
CLEARLY INDICATE "ICESW 2022" on the teller
Local Currency (Naira) Foreign Currency (USD)
Bank: UBA
Name: Covenant University Mechanical Engineering, WELF.
Naira Account No:1019782857
Domiciliary Account: 3002181991 (UBA)
Name: Covenant University Mechanical Engineering, WELF.
SORT CODE: 033173616 SWIFT CODE: UNAFGLA

IMPORTANT DATES

- **JULY 18, 2022**
First round of abstracts/full papers submission
- **AUGUST 22, 2022**
Notification of acceptance of abstracts/full papers
- **SEPTEMBER 5, 2022**
Second round of abstracts/full papers submission
- **SEPTEMBER 26, 2022**
Notification of acceptance of abstracts/full papers
- **OCTOBER 3, 2022**
Final round of abstracts/full papers submission
- **OCTOBER 17, 2022**
Final notification of acceptance of abstracts /full papers Maximum of two (2) Lead Author/Corresponding Authors Not more than three (3) papers for any collaborating Authors

CONFERENCE CONTACTS

HEAD OF DEPARTMENT

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REGISTRATION Registration form can be downloaded from:

<http://icesw2022.covenantuniversity.edu.ng>

PUBLICITY

Engr. Dr. N. Udoye, e-mail: nduka.udoye@covenantuniversity.edu.ng
Engr. Dr. I. C. Ekpe, e-mail: ikenna.ekpe@covenantuniversity.edu.ng

ACCOMMODATION

Room reservations can be made by contacting:
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