

(v) Dr. (Mrs.) U. Ogwo  
(Member, LOC), National Centre for Energy Research and Development, University of Nigeria, Nsukka, Enugu State, Nigeria. Tel: +234-8039473344.  
email: uzoamaka.ogwo@unn.edu.ng

#### 11.0 CONFERENCE TECHNICAL/SCIENTIFIC STEERING COMMITTEE

##### Local:

(1) Engr. Prof. O.V. Ekechukwu,

Former Dean, Faculty of Engineering,  
University of Nigeria, Nsukka.

(2) Prof. P.E. Ugwuoke,

Former Director, NCERD and currently,  
Department of Physics and Astronomy,  
University of Nigeria, Nsukka

(3) Prof. Josephat Ogbuagu.

Department of Pure and Industrial Chemistry,  
Nnamdi Azikiwe University, Awka. Anambra State.

(4) Prof. Peter Onwualu,

African University of Science and Technology,  
Abuja, Nigeria.

(5) Prof. Rose U. Osuji,

Dept. of Physics & Astronomy,  
University of Nigeria, Nsukka, Enugu State

(6) Dr. Maxwell Omeje.

Dept. of Physics, College of Science and Technology,  
Covenant University Ota, Ogun State.

(7) Prof. F.I. Ezema,

Dept of Physics & Astronomy,  
University of Nigeria, Nsukka, Enugu State

(8) Engr. Prof. Howard Njoku,

Dept of Mechanical Engineering,  
University of Nigeria, Nsukka, Enugu State

(9) Engr. Dr. C.N. Anyanwu,

Agric & Bioresources Engineering,  
University of Nigeria, Nsukka, Enugu State

(10) Dr. Abudulahi Mati

Director Energy Research Centre,  
Umaru Musa Yar'adua University, Katsina State

(11) Engr. Dr. Jude Asogwa

Ag Director Renewable Energy Department,  
Energy Commission of Nigeria, Abuja.

#### 12.0 CONFERENCE TECHNICAL/SCIENTIFIC STEERING COMMITTEE

##### International:

1. Prof. Brian Norton,

Technological University Dublin,  
Dublin City Campus the Clock, Grangegorman DO7 XT95 Ireland

2. Prof. Abubakar Sani Sambo,

Former Director-General, Energy Commission of Nigeria and  
currently Dean Faculty of Engineering, Usman Danfodio University  
Sokoto Nigeria.

3. Prof. E.J. Bala,

Director-General, Energy Commission of Nigeria, Abuja, Nigeria

4. Prof. Mohammad Alam Saed, Dean (Director), Faculty of Science  
& Technology, University of Education, Lahore-Pakistan

5. Prof. Kenneth I. Ozoemena,

Molecular Sci. Institute, School of Chemistry,  
University of the Witwatersrand, Joha., South Africa

6. Prof. Aba Ebong,

Department of Electrical and Computer Engineering,  
The University of North Carolina at Charlotte

7. Prof. Peter Kalu,

University of Florida, USA

8. Prof. David Mba,

Pro Vice Chancellor/Dean, Faculty of Technology  
De Montfort University The Gateway, Leicester LE19BH.

9. Prof. Julian Adounkpe,

University of Abomey Calavi,  
Benin Republic.

10. Prof. Julius Tangka

Dept. of Agricultural Engineering  
University of Dschang, Cameroun

11. Prof. Solomon Agbo,

FZI, Germany

12. Dr. Sergej Gordeev,

Institute of Neutron Physics and Reactor Technology  
Karlsruhe Institute of Technology 76131 Karlsruhe Germany

13. Dr. Vinod Kumar Sharma

ENEBIO Section  
Italian National Agency for New Technologies, Energy and  
Sustainable Economic Development, Trisaia Italy. [Sharma@enea.it](mailto:Sharma@enea.it)

14. Dr. Daniel Ewim,

Department of Mechanical Engineering,  
Durban University of Technology, South Africa.

15. Dr. Moumini Savadogo,

Executive Director, WASCAL, Ghana



## NATIONAL CENTRE FOR ENERGY RESEARCH AND DEVELOPMENT UNIVERSITY OF NIGERIA, NSUKKA

ENERGY COMMISSION OF NIGERIA  
*In collaboration with*  
GERMAN INTERNATIONAL COOPERATION (GIZ)

*Presents*

## 5TH INTERNATIONAL CONFERENCE/ TRAINING WORKSHOP ON ENERGY FOR SUSTAINABLE DEVELOPMENT IN AFRICA

### VENUE:

National Centre for  
Energy Research and Development,  
University of Nigeria, Nsukka  
Enugu State, Nigeria

### DATE:

17th-19th May, 2022

(Conference: Virtual/Physical Platform);

25th April-20th May, 2022

(Training Workshops on Solar PV Installation  
and Biomass Energy)

### THEME:

SUSTAINABLE ENERGY:  
SOLUTION TO POST COVID-19  
ENERGY CRISES IN AFRICA



## 1.0 CONFERENCE TRAINING WORKSHOP

The COVID-19 pandemic seriously disrupted the Sustainable Development Goal (SDG)-7, which included all efforts to bring affordable, reliable and cleaner energy to all, especially in Sub-Saharan Africa, where the need is greatest in order to build more prosperous and resilient economies. The COVID-19 era is a period that calls for robust research and development of renewable and alternative energy solutions to bridge the energy access gap and place sustainable energy at the fore-front of economic stimulus and recovery measures. The 5th International Conference/Workshop on Energy for Sustainable Development intends to attract scientists, engineers, social scientists, research scholars and students to address the above issues. Distinguished International scholars will feature as the keynote and plenary speakers. Technical sessions as well as poster presentations and exhibitions of relevant R&D products will be featured during the conference

## 2.0 CALL FOR PAPERS

Original and previously unpublished abstracts of research work/projects that have clear view with the topics of the conference/workshop sub-themes will be accepted. The Conference welcomes abstract submissions from researchers, practitioners, academics, industrialists and students in the fields of science, engineering and science education as well as interdisciplinary research applications, but not limited to the following:

### Sub-themes

- Advances in Energy Technology
- Renewable Energy and Information Technology
- Solar Energy Technology (Solar PV and Thermal)
- Energy Storage Systems and Technologies
- Renewable Energy and Photonics
- Waste to Energy Conversion
- Hydrogen-Power, Wind and Tidal Energy Technology
- Off-Grid Renewable Energy and Green Economy
- Energy Efficiency and Conservation
- Energy Technology and Policy Development
- Energy Generation Trends in Developing Countries
- Renewable Energy and Carbon Pricing
- Green Agriculture and Food Security
- Renewable energy and Nano-Technology
- Natural Resources, Climate Change and Sustainability
- Energy, Harvesting and Sustainable Environment
- Energy Poverty Education and Sustainable Development
- Other Energy Related Issues

## 3.0 PAPER SUBMISSION AND PRESENTATION

Original manuscripts should be submitted electronically through the designated e-mail address. All authors are to submit a full length paper which should be complete and concise not more than 7 pages of single spacing. All the abstracts with clear problems, methods and significant results not more than 250 MS words should be submitted on or before February 28, 2022 to this e-mail address: [ncerdunn.conference@gmail.com](mailto:ncerdunn.conference@gmail.com).

The abstracts of the accepted papers will be published in a book of abstracts. Authors of the accepted full-length papers will be invited to give oral presentations. The Conference Proceedings will be published after thorough double-blind peer review process of the submitted manuscripts in the following **IOP Conference Series**

(i) Earth and Environmental Science (SCOPUS/ISI Index)

## 4.0 PAPER SUBMISSION POLICY

Papers submitted to the conference must comply with internationally-accepted standards for research practice and reporting, including data management, figure presentation, reproducibility and reporting guidelines. All papers submitted to the conference are expected to be within 15 % similarity check. All decisions shall be based upon the outcome of the peer-review process. Conference publication committee reserves the right to withdraw any paper that does not meet with international standards.

For more information concerning the 5<sup>th</sup> INTERNATIONAL CONFERENCE/TRAINING WORKSHOP ON ENERGY FOR SUSTAINABLE DEVELOPMENT IN AFRICA, please visit the website: [www.ncerd.com.ng](http://www.ncerd.com.ng)

## 5.0 IMPORTANT DEADLINE DATES

- 1st round of Abstract/full paper submission: February 28, 2022
- Notification of Acceptance March 28, 2022
- 2nd round of Abstract/full paper submission: March 30, 2022
- Notification of Acceptance: April 30, 2022
- Conference date: 17<sup>th</sup> to 19<sup>th</sup> May, 2022
- Solar PV/Biomass Training: 25<sup>th</sup> April – 20<sup>th</sup> May, 2022

## 6.0 REGISTRATION FEE

	Early Bird Reg	Normal/Onsite
Category		
Regular Participants :	N35,000.00	N40,000.00
Students (with ID):	N15,000.00	N20,000.00
Foreign Participants:	USD 100	USD 150
Exhibitors:	N40,000.00	N50,000.00
Training Workshop:	N75,000	N100,000.00

## 7.0 HOW TO APPLY FOR THE TRAINING WORKSHOP

Any intending participant with engineering and science background, or Technicians with formal or informal training are eligible to apply for the

Solar PV and biomass Training Workshops by sending their CVs to the e-mail address [ncerdunn.conference@gmail.com](mailto:ncerdunn.conference@gmail.com)

Short-listed applicants will be communicated through their e-mail addresses/phone numbers

## 8.0 TRANSPORT & HOTEL ACCOMMODATION

University of Nigeria, Nsukka can be reached by Road, Nearest Airport: Akanu Ibiam International Airport, Enugu, Enugu State, Nigeria.

Category of Hotels

1. Low Class (N3,000.00 – N5,000.00)
2. Medium Class (N6,000.00 – N15,000.00)
3. High Class (N15,000.00 – N25,000.00)

## 9.0 PAYMENTS

Payment of all fees should be made in favour of **Energy Conference and Workshop, Fidelity BANK Plc, UNN Branch. A/C Number: 6060 463 763**, Cash payments can be made at the registration desk on presentation of bank teller(s)

**Note:** Registration fees are for conference materials and publications in IOP conference series.

## 10.0 CONFERENCE/TRAINING WORKSHOP CONTACTS

(i) Engr. Dr. I.F. Okafor

Ag. Director, National Centre for Energy Research and Development, University of Nigeria, Nsukka, Enugu State, Nigeria.  
Tel: +234-8034344646, 08076251137.  
Email: [izuchukwu.okafor@unn.edu.ng](mailto:izuchukwu.okafor@unn.edu.ng)

(ii) Dr. Anthony Ofomatah

(Chairman, LOC), National Centre for Energy Research and Development, University of Nigeria, Nsukka, Enugu State, Nigeria  
Tel: +234-8034010807.  
Email: [anthony.ofomatah@unn.edu.ng](mailto:anthony.ofomatah@unn.edu.ng)

(iii) Dr. Mrs. C. Ezema

(Secretary LOC), National Centre for Energy Research and Development, University of Nigeria, Nsukka, Enugu State, Nigeria.  
Tel: +234-8039473344  
Email: [chidimmaokpara@yahoo.com](mailto:chidimmaokpara@yahoo.com)  
[chidinma.okpara@unn.edu.ng](mailto:chidinma.okpara@unn.edu.ng)

(iv) Dr. Solomon Offiah,

(Technical Secretary, LOC), National Centre for Energy Research and Development, University of Nigeria, Nsukka, Enugu State, Nigeria.  
Tel: +234-8032845073  
email: [offiahsolomon@gmail.com](mailto:offiahsolomon@gmail.com)