PROGRAMME
THEME: ENERGY EFFICIENCY AND ACCESS IMPERATIVES FOR SUSTAINABLE DEVELOPMENT IN EMERGING ECONOMIES

SUNDAY 14 APRIL 2019
15:00 - 19:00 - Council Meeting
14:00 – 18:00 - Registration
18:00 - 20:00 - Happy Hours (Student Members Only)
19:00 - 22:00 – Council Dinner (By Invitation Only)

MONDAY 15 APRIL 2019
08:00 – 17:00 REGISTRATION
09:00 – 10:30 NAEE STUDENT PAPER COMPETITION

Venue:
Presiding: Professor Adeola Adenikinju
Speakers:
PHD STUDENT
ASOGWA IKECHUKWU S. & CHARLES NNAMDI A. (Michael Okpara University of Agriculture, Umudike)
Responsiveness of Industrial Growth to the Energy Transition Patterns and Time Path Implication in Sub-Saharan Africa.

OKEH PIUS EGBUNU (Centre for Petroleum, Energy Economics & Law, Ibadan)
Resolving Natural Gas Infrastructural Deficit in Nigerian through the Third Access Policy (TPA).

ONYIJE I.J. & FUBARA, S. A. (Emerald Energy Institute, Port Harcourt)
ALEXANDER OLATUNDE AKOLO (Nigerian Bulk Electricity Trading Plc. Abuja)  
Standardized Risk Management Procedure: A Case for a 20kw Biogas Mini-Grid Project At Kuje, Abuja Fct, Nigeria

BOURICHE NOURIA & BENBOUZIANE MOHAMED (Centre for Petroleum, Energy Economics & Ibadan)  
Oil Rents and Income Inequality: A Comparative Study between Algeria Nigeria and Norway.

MSC STUDENT

OLUWATOSIN AREMU  
Renewable Energy Infrastructure Development in Nigeria: Jumpstart with a Public-Private Partnership Model

ABDULRASHEED ISAH (Department of Economics, Nile University of Nigeria, Abuja)  
A Tale of Two Countries: Financing Renewable Energy in Nigeria and Brazil.

AKINWALE OLATUNJI AKINLABI (Centre for Petroleum, Energy Economics and Law, University of Ibadan)  
Arbitration and Access to Justice with Reference to Disputes between Electricity Suppliers and Consumers in Nigeria.

10:30 – 11:00  
Tea Break/Networking

11:00 – 12:00  
OPENING CEREMONY

Chairman & Keynote Speaker: Professor James A. Momoh, Nigerian Electricity Regulatory Commission  
Chief Host: Dr. Bello A. Gusau, Executive Secretary, Petroleum Technology Development Fund, Abuja.  
Grand Patron: Engr. Funsho M. Kupolokun (Director, First Ally Capital Limited)  
Special Guest of Honor: Dr. Mukati Baru, GMD, Nigerian National Petroleum Corporation, Abuja  
Guests of Honor/Sponsors:  
Dr. Timothy Okon, Special Technical Adviser, Fiscals, Ministry of Petroleum Resources, NNPC  
Engr. Ernest Mupwaya, Chief Executive Officer, Abuja Electricity Distribution Company  
Dr. Folasade Yemi-Esan, Permanent Secretary, Ministry of Petroleum Resources  
Abdulkadir U. Saidu, Executive Secretary, Petroleum Products Pricing Regulatory Agency  
Mr. Osten Olorunsola, Chairman, Energy Institute of Nigeria  
Engr Louis Edozien, Permanent Secretary, Ministry of Power

Votes of Thanks: Professor Uche Nwogwugwu, PhD, VP, Conference & Publication, NAEE

12:00 - 13:30  
Opening Plenary Session -- Energy Access & Efficiency Imperatives for Emerging Economies
**Moderator:** Dr. Hassan Mahmud, Central Bank of Nigeria  
**Keynote Speaker:** Prof. James A. Momoh, Nigerian Electricity Regulatory Commission  
**Panelists:**  
- Engr. Bello Rabiu, Nigerian National Petroleum Corporation, Upstream  
- Prof. Eli Bala, Director General/CEO, Energy Commission of Nigeria  
- Dr. Joe Essandoh-Yeddu, Energy Commission, Ghana  
- Mrs. Audry Joe-Ezigbo, President Nigeria Gas Association

**MONDAY 15 APRIL 2019**

13:30 – 14:30  **LUNCH BREAK (Sponsors Remarks)**  
14:30 – 16:00  **CONCURRENT SESSIONS: 1 - 3**

### 1. ENERGY SUPPLY MIX AND ECONOMIC DIVERSIFICATIONS

**Venue:**  
Presiding: Mrs. Folashade Oje, Federal Ministry of Power  
Speakers:  
- UCHE M. OZUGHALU (Department of Economics, University Of Nigeria, Nsukka)  
An Examination of the Causal Relationship among Electricity Consumption, Financial Development, Unemployment and Real Income in Nigeria.  
- OPEYEMI A. AMUSAN (Center for Petroleum, Energy Economics & Law, University of Ibadan/Amiesol Resources Konsult / ERK GMBH, Germany)  
Engineering the Energy Transition with WTE-System that Links the Environment, Economic and Social Components of Sustainable Development Goals.  
- B. A. WAHAB & L.N. CHETE (Nigerian Institute of Social and Economic Research, Ibadan)  
Energy Mix and Economic Diversification in Nigeria.  
- OLURE-BANK, ADEYINKA, M. FADILA, KABIR BODAM F. (Department of Economic, Nigeria Defence Academy, Kaduna)  
- OKOLI CHINWEIKE C., UHUNMWANGHO ROLAND, OGBUEFI UCHE & SALIHU RUFAI (Department of Electrical Engineering, University of Nigeria, Nsukka)  

### 2. ENERGY DEMAND AND SUPPLY OUTLOOK FOR EMERGING ECONOMIES IN AFRICA

**Venue:**  
Presiding: Mrs. Priscillia Ekpe, Petroleum Products Pricing Regulatory Agency, Abuja  
Speakers:  
- MICHAEL O. DIOHA & ATUL KUMAR (Department of Energy & Environment, Teri School of Advanced Studies, Vasant Kunj, New Delhi, India)  
OMOLOLA S OLARINDE & ADENIRAN ABRAHAM (Department of Economics, Elizade University, Ilara-Mokin, Ondo State)
Rural-Urban Migration and Energy Access in Nigeria.

TERHEMEN AGABO & OLUMIDE ONIKETUN (Department of Economics, University of Ibadan)
An Analysis of Hydroelectric Power Consumption in Selected Emerging Economies.

OJONUGWA USMAN, OLANIPEKUN, IFEDOLAPO O. & EDAFE OLUWATOSIN (Department of Economics, Eastern Mediterranean University, Gazimagusa North Cyprus)

3. ROLE OF ENERGY EFFICIENCY IN SUSTAINABLE ENERGY MARKETS
Venue: Presiding: Dr. Ben Obi, Economics Department, University of Abuja
Speakers:
KOLAWOLE FAYEMI (Centre for Petroleum, Energy Economics and Law University of Ibadan)
Energy Efficiency as a Key Driver for Economic Growth and Environmental Sustainability in the Telecommunications Sector in Nigeria.

PATRICIA IYORE AJAYI (Department of Economics, University of Ibadan)
Impact of Energy Poverty on Household Well-Being in Nigeria

CHIDEBERE AKAOGU, ASOMUGHA IFECHUKWU, OGECHI ANOZIE, CHUKWUNONSO EKESIOBI & ANNE MADUKA (Policy Analysis And Research Congress (PARC), Chukwuemeka Odumegwu Ojukwu University)
Energy Saving Behaviour Adoption among Tertiary Level Students in Anambra State.

BABAJIJE A. AJAYI (Faculty of Social and Management Sciences, Anchor University, Lagos)
Energy Efficiency and Energy End Users in Nigeria: Possible Causes for Low Patronage in Rural Communities.

16:00 - 17:30 CONCURRENT SESSIONS: 4 - 6

4. ENVIRONMENTAL IMPLICATIONS AND CHALLENGES
Venue: Presiding: Dr. Joseph Omojolaibi, University of Lagos
Speakers:
ECHETA, DESMOND O., NWOSU CHINEDU A. & UKWUNNA JOSEPH C. (Department of Banking and Finance Imo State Polytechnic, Umuagwo)
Impact of Anthropogenic Global Warming on Agricultural Productivity in Nigeria.

JUDE O. CHUKWU, CHIBUEZE E. NNAJI, ELEANYA K. NDUKA & NDUBUISI O. CHUKWU (Department of Economics, University of Nigeria, Nsukka)
Effects of FDI, FSD and Energy Innovations on Environmental Quality in Nigeria.
LOUIS N. CHETE (Nigerian Institute of Social and Economic Research, Ibadan)
Climate Change Effects on Energy Use and Food Production by Smallholder Farmers in Nigeria.

5. PETROLEUM ECONOMICS AND POLICY RESEARCH
Venue:
Presiding: Mr. Lanre Oladele, Petroleum Products Pricing Regulatory Agency, Abuja
Speakers:
SAM O. OLOFIN, TIRIMISIYU F. OLOKO, KAZEEM O. ISAH & AHAMUEFULA, E. OGBONNA (Centre for Econometric and Allied Research, University of Ibadan)
Crude Oil Price-Shale Oil Production Nexus: A Predictability Analysis.
OLORUNSHOLA JOB ABIODUN (Jobade Academy, Ikorodu, Lagos)
Recent Crude Oil Price Volatility and the Nigerian Petroleum Industry.

AWOLAJA OLADAPO GBENGA & MUSA DASAU (Babcock University Ilishan, Ogun State)
Oil Price Shocks and Stock Prices in Nigeria.

AUWAL UMAR (Department of Economics, Abu Business School, Ahmadu Bello University)
Oil Price Trends, Theoretical Predictions and Determinants: Estimation and Hypothesis Testing.

6. IMPLEMENTATION OF THE GAS-TO-POWER PROJECT
Venue:
Presiding: Dr. Ali Garba, Ministry of Petroleum Resources, Abuja
Speakers:
BIOSE HENRY ODIKA (Emerald Energy Institute, University of Port Harcourt)

JOHNSON AWOYOMI (Nigerian National Petroleum Corporation, Abuja)
Maximizing Government Take from Oil Sector – Cost Engineering Perspectives.

MOHAMMED A BELLO, YETUNDE A. OMOTOSHO & LATEEF O. AKINPELU (Business Education Department, Federal College of Education Pankshin, Plateau State)
Assessment of Profitability and Impact of Risked Variables on The Viability of Ajaokuta-Kaduna-Kano Gas Pipeline.

19:00 – 21:30 NAEE AWARD DINNER

CHAIRMAN: Dr. Aliyu Bello Gusau, Executive Secretary, Petroleum Technology Development Fund, Abuja.

TUESDAY 16 APRIL, 2019

08:00 - 17:00—Registration

08:30 – 10:00 CONCURRENT SESSIONS 7 – 9

7. ELECTRICITY MARKET DEVELOPMENT AND REFORMS I

Venue:
Presiding: Salisu Isihaka, Nigerian National Petroleum Corporation, Abuja
Speakers:
AKEYEMI JOSEPH OLUSOLA (Development Programme Consultancy, Lake Chad Crescent, Maitama, Abuja)

EFFIONG CHARLES & EKPE OTO-OBONG (Department of Economics, University of Calabar, Calabar, Cross River State)
Rural Electrification, Finance and the Developmental State.

KUN LI & XINTING ZHEN (Beijing Normal University, China)
Electricity Market Pricing and Regional Innovation.

EMILOLA OLANREWAJU & OLMUYIWA OLANREWAJU (Department of Agricultural Economics, University of Ibadan)
Rural Electrification and Microenterprises Profitability among Rural Women in Odeda Local Government Area (LGA) of Ogun State, Nigeria.

8. RENEWABLE ENERGY DEVELOPMENT PATTERNS

Venue:
Presiding: Patricia Iyore Ajayi, Department of Economics, University of Ibadan
Speakers:
NWABUEZE GIFT C. (Emerald Energy Institute, University of Port Harcourt)

D. O OTOKPA, P. E UGWUOKE, OGOBOLE CLEMENT & H. I ZARMA (Department of Physics and Astronomy, University of Nigeria, Nsukka)
Installation and Utilization of Solar Wind Hybrid System Technology for Self Reliance and Sustainable Development in Nigeria.

OLUTOSIN A. OUNLEYE, CHUKS J. DJI, OLAYINKA S. OHUNAKIN (Centre for Petroleum Energy Economics and Law, University of Ibadan)

SALISU MUKHTAR & SALISU ISIHAK (International Institute of Petroleum Energy Law & Policy, University of Port Harcourt)
Renewable Energy Investments By NOCs For Improving Energy Access - What are the Lessons for Nigerian National Petroleum Corporations?

9. ENERGY CONSUMPTION AND ACCESS FOR POVERTY REDUCTION

Venue:
Presiding: Dr. Uche C. Nwogwugwu, Nnamdi Azikiwe University, Awka
Speakers:
YUNUS ABIODUN AKINTUNDE (Centre for Petroleum, Energy Economics and Law, University of Ibadan)

KINGSLEY NWANKWO, IFECHUKWU OBIALOR, CHIDER A OKOR OJI, BRUNO IBEKILO & MGBEMENA EMILIA (Policy Analysis and Research Congress (PARC), Chukwuemeka Odumegwu Ojukwu University.
Electricity Consumption and Poverty Level in Nigeria.

E. J. B A L A , ROSELINE KELA & SULU B. F. IBRAHIM (Energy Commission of Nigeria)
In Search of Sustainable Household Energy: A Case Study of Fuelwood Consumption Survey in the Abuja Federal Capital Territory.

10:00 – 11:30 CONCURRENT SESSIONS 10 – 12

10. ELECTRICITY ECONOMICS

Venue:
Presiding: Fubara Susan. A., Emerald Energy Institute, Port Harcourt
Speakers:
OBAFEMI MICHAEL OJO (Centre for Petroleum, Energy Economics and Law, University of Ibadan)
Determinants of Electricity Theft: Evidence from Nigeria.

UCHE M. OZUGHALU & UCHE C. OGBUEFI (Department of Economics, University of Nigeria, Nsukka)

EMMANUEL PRECIOUS, MADUBUIKE CHINENYE, EZEORAH CHISOM, OGONNA IFEBI, OKAFOR SAMSON & DAVID CHUKWUEMEKA (Policy Analysis and Research Congress (PARC), Chukwuemeka Odumegwu Ojukwu University)
Electricity Access and Unemployment Incidence in Nigeria.

SANUSI GBENGA PETER & FOLARIN ESTHER (Anchor University, Lagos)

11. RENEWABLE ENERGY AWARENESS AND IMPACT ASSESSMENT

Venue:
Presiding: Aliyu Barde Abdullahi, Nigerian National Petroleum Corporation
Speakers:
UCHE C. OGBUEFI, OTI E. STEPHEN & MUNCHO J. MBUNWE (Department of Electrical Engineering University of Nigeria, Nsukka)
Renewable Energy Assessment Potentials In Developing Country.

NURA ALIYU KABUGA & ALIYU YUSUF AHMAD (Department of Economics, Baze University, Abuja)
Assessing the Public Perception and Acceptance of Renewable Energy Technology in Kaduna Metropolis, Nigeria.

PAUL TERHEMBA IOREMBER & OJONUGWA USMAN (Department of Economics, University of Jos)
Modelling the Asymmetric Impact of Renewable Energy Consumption and Trade Openness on Environmental Quality in Nigeria.

JOSEPH A. OMOJOLAIBI & OYENIRAN I. WASIU (Department of Economics, University of Lagos, Akoka, Lagos)
Determinants of Households Willingness to Adopt Efficient Cooking Energy in Lagos State: Does Energy Literacy Matter?

12. GEOPOLITICS OF PETROLEUM RESOURCES, SUPPLY & POLICY FOR SUSTAINABLE DEVELOPMENT

Venue:
Presiding: Dr. Olayinka Adenikinju, Bowen University, Iwo, Osun state.
Speakers:
FADEYI, AYOOLA IDRIS (Centre for Petroleum, Energy Economics and Law, University of Ibadan)
An Economic Analysis of Nigeria Oil & Gas Fiscal Regime.

LAWAL ADEDOYIN I., ASALEYE ABIOLA J., POPOOLA OLABISI R. (Landmark University, Omu Aran)
Examining Rational Bubbles in Oil Prices: Evidence from Frequency Domain Estimates.

EMMANUEL AGIAYE & ADEOLA ADENIKINJU (Emerald Energy Institute, University of Port Harcourt)
Macroeconomic and Distributional Impact of Gas Monetization Policy in Nigeria.

11:30 - 12:00--Tea Break/Networking
12:00 - 13:30: CLOSING PLENARY SESSION
ENERGY SUPPLY DYNAMICS & STRATEGY FOR SUSTAINABLE DEVELOPMENT

MODERATOR: Dr. Tony Akah, Nigerian Electricity Regulatory Commission
PANELISTS: Engr. Saidu Mohammad, Nigerian National Petroleum Corporation, Abuja
13:30 – 14:30 LUNCH BREAK

14:30 – 16:00 CONCURRENT SESSIONS 13 – 15

13. ENERGY FINANCE AND INVESTMENT ANALYSIS
Venue: Presiding: Dr. Hassan Mahmud, Central Bank of Nigeria, Abuja
Energy Investment Risk Analysis for Nigeria Energy Planning and Analysis Department.

ADEOLA ADENIKINJU & ALLEN-AMERI JESSIE D. (Centre for Petroleum, Energy Economics and Law, University of Ibadan)

KAASE GBAKON, OMOWUMI ILEDARE & SUSAN FUBARA (Emerald Energy Institute)
Nigeria Petroleum Industry Fiscal Bill 2018: Implications for Onshore Oil and Gas Development Value and Investor Confidence.

HARRISON O. OKAFOR (International Monetary Fund, Abuja)

14. ELECTRICITY SECTOR DEVELOPMENT
Venue: Presiding: Prof. Akin Iwayemi, Centre for Petroleum, Energy Economics and Law, Ibadan
Speakers: JEAN BALOUGA (University of Lagos)

IYABO ADEOLA OLANRELE & FEMI OMISANJO (Economics and Business Policy Research Department, Nigerian Institute of Social and Economic Research)
Determinants of Electricity Generation in Nigeria.

ONYEUCHE EMMANUEL IKECHUKWU (Centre for Petroleum, Energy Economics and Law, University of Ibadan)
Quality of Electricity Supply, Willingness to Pay and Household Welfare in Nigeria.

15. ELECTRICITY MARKET DEVELOPMENT AND REFORMS II
Venue:
Presiding: Dr. Obindah Gershon, Covenant University, Canaan Land Ota.
Speakers:
TIJANI NURUDEEN AHMED & AUWAL UMAR (Department of Economics, Ahmadu Bello University, Samaru – Zaria, Kaduna State)
Electricity Consumption and Industrial Productivity in Nigeria
SALISU ISIHAKA, UDUAK AKPAN & SANUSI OHIARE (Rural Electrification Agency, Abuja)
Rural Household Electricity Demand for Electricity Access Planning in Nigeria: Result of a Survey
ONYIJE, I. J., ONUOHA, N. I. NWAOZUZU, C. & IBE, C. (Emerald Energy Institute, University of Port Harcourt)
Access To Electricity: A Precursor to Sustainable Development

16:30 - 18:00 ANNUAL GENERAL MEETING