Meetings International



May
20-21, 2019
Miami, USA

6th International Conference on

Renewable & Non-Renewable Energy

SCIENTIFIC PROGRAM

Energy 2019

May 20, 2019 | **Conference Agenda** | **Day 1**

Conference Hall: Royal Palms I

09:30-10:10 — **Registrations**

10:10-10:20 — **Introduction by Moderator**

10:20-10:55

Keynote Forum

Title: Technologies advancement and prospect of natural gas development in China

Ailin Jia, Petrochina Research Institute of Petroleum Exploration and Development, China

Networking & Refreshment Break 10:55-11:15 @ Foyer

11:15-11:45

Keynote Forum

Title: Reserves classification and well pattern infilling adjustment in tight sandstone gas field

Guo Zhi, PetroChina Research Institute of Petroleum Exploration & Development, China

11:45-12:20

Title: Principles of establishing waste to energy plants in developing countries

Abhishek Asthana, Sheffield Hallam University, UK

12:20-12:55

Title: Renewable energy based cogeneration on the example of micro scale installation with biomass-fired boiler and modified Rankine cycle

Krzysztof Sornek, AGH University of Science and Technology, Poland

Group Photo 12:55-13:00

Lunch Break 13:00-14:00 @ Restaurant

Oral Session I:

Trends in Renewable Energy | Green Energy and Economy | Advanced Materials for Energy Storage |Generation and Transmission |Hybrid Renewable Energy Approaches | Biofuels and Bio-energy

Session Chair: **Ailin Jia,** Petrochina Research Institute of Petroleum Exploration and Development, China
Session Co-chair: **Adango Miadonye,** Cape Breton University, Canada

14:00-14:25	**Title: Investigation and evaluation of aerodynamic efficiency improvement measures for vertical axis small wind turbines** **Daniel Lehser-Pfeffermann,** University of applied Sciences Saarbrucken, Germany
14:25-14:50	**Title: Experimental and numerical analysis od wind turbines operation- Polish case** **Maciej Zoladek,** AGH University of Science and Technology, Poland
14:50-15:15	**Title: Selection of batteries and optimatization of energy consumption during AGH solar plane fight** **Aleksandra Szelag** and **Sylwia Nabozna,** AGH University of Science and Technology, Poland
15:15-15:40	**Title: Experimental analysis and dynamic simulations of the operation of the photovoltaic cells installed in unmanned aircraft "AGH solar plane** **Krzysztof Sornek** and **Dawid Karpinski,** AGH University of Science and Technology, Poland
15:40-16:05	**Title: Analysis of general Rotor-Flux oriented vector control systems** **Abdullatif Hakami,** University of South Florida, USA
16:25-16:50	**Title: Flame propagation of pulverised biofuels of varying size distribution fractions** **Muhammad Azam Saeed,** University of Engineering and Technology, Pakistan
16:50-17:15	**Title: Disruptive Innovation and Opportunities in the Use of Renewable Energy for Sustainable Development in Nigeria** **Benjamin Anabaraonye,** Benjy Poetry and Music Global Concepts, Nigeria

Networking & Refreshments 16:05-16:25 @ Foyer

Session Adjournment

May 21, 2019 **Conference Agenda** **Day 2**

Conference Hall: Royal Palms I

10:00-10:10	**Introduction by Moderator**
10:10-10:45	**Keynote Forum** **Title: Analysis and Forecasts of world renewable energy markets** **Abhishek Asthana,** Sheffield Hallam University, UK

Networking & Refreshment Break 10:45-11:05 @ Foyer

11:05-11:40	**Keynote Forum** **Title: Flow characteristics of heavy crude oil diluted with alcohols** **Adango Miadonye,** Cape Breton University, Canada
11:40-12:15	**Title: Analysis of NISMOD a modeling tool for governance of sustainable infrastructure assets for developing and emerging economies** **Renee Gotopo,** The Branch Sustains, LLC, USA

Oral Session II:
Sustainable Nuclear Energy | Solar and Wind Energy | Hydro Power Generation | Geothermal Energy | Marine -Tidal and Wave Energy | Smart Grid Systems | Global Impacts of Using Nonrenewable Resources | Waste to Energy | Fossil and Radioactive Fuels

Session Chair: **Abhishek Asthana,** Sheffield Hallam University, UK
Session Co-chair: **Guo Zhi,** Petrochina Research Institute of Petroleum Exploration and Development, China

12:15-12:40
Title : Thermo-Catalytic Reforming (TCR) of Lignocellulosic Biomass using steel slags (SS) as catalyst
Joao Santos, University of Birmingham, UK

12:40-13:05
Title: Dangers of climate change on food security and economy of developing countries case study: Uganda
Kwesiga Evadio, Makerere University, Uganda

Lunch Break 13:05-14:05 @ Restaurant

14:05-14:30
Title: The use of international laws as a means of acting as universal environmental regulator in developing case study: Nigeria
Kamuganga Gilbert, Makerere University, Uganda

14:30-14:55
Title: Application of laser-induced breakdown spectroscopy (LIBS) on oilfield scales- A comparative study
Ghada Bassioni, Ain Shams University, Egypt

14:55-15:20
Title: How small solar powered autonomous container ships could affect maritime transport and environment
Izabela Swatek and **Mieszko Mierunski,** AGH University of Science and Technology, Poland

15:20-15:45
Title: AGH Solar Boat as sustainable solution to combat climate change
Karolina Stuchly and **Aleksandra Skolarz,** AGH University of Science and Technology, Poland

15:45-16:05
Title: The effect of encapsulation layer on thermo-electrical parameters of photovoltaic panels
Maciej Borowicz and **Witold Gebarowski,** AGH University of Science and Technology, Poland

Networking & Refreshment Break 16:05-16:25 @ Foyer

Conference Adjournment