

Scientific Program

ANNUAL CONFERENCE ON

GREEN CATALYSIS AND SUSTAINABLE ENERGY

NOVEMBER 15-16, 2018 DUBAI, UAE



GREEN CATALYSIS 2018

Conference Series llc Ltd

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Email: greencatalysis@enggmeet.com

09:00-09:30

Registration Opens

Spice

09:30-10:00

Opening Ceremony

10:00-10:50

Keynote Presentation

Title: Regional waste management strategies—opportunity for sustainable development LFG power generation

Anita Nouri, Green Energy Solutions & Sustainability LLC, UAE



10:50-11:10

Networking and Refreshments Break with Group Photo

11:10-12:00

Keynote Presentation

Title: Latest trends in nanotechnology for developing renewable energy solutions

Ali Abu Odeh, Khawarizmi International College, UAE



12:00-12:50

Keynote Presentation

Title: Hydrogen and fuel cell developments

Abdul Ghani Olabi, University of Sharjah, UAE



Lunch Break 12:50-13:50 @ Restaurant

Scientific Sessions: Green Chemistry and Catalysis | New Trends in Green Chemistry | Nanotechnology and Green Catalysis | Green Synthesis Designing | Biocatalysis | Green Chemistry and Polymer Technology | Green Chemistry in Pharmaceuticals

Session Chair: **Abdul Ghani**, University of Sharjah, UAESession Co-Chair: **Swapnil Dharsekar**, Pandit Deendayal Petroleum University, India

13:50-14:20

Title: Development of green fly ash geopolimer for sustainable construction: A journey from green house to green home through bacterial catalyst

Brajadulal Chatopadhyay, Jadavpur University, India

14:20-14:50

Title: Dispatchable renewable generation: A step towards high renewables penetration

Amer Al-Hinai, Sultan Qaboos University, Oman

14:50-15:20

Title: Green growth and sustainable development through smart cities

Shan Salahudeen, Mohammed Al Naboodah Group United Arab Emirates

15:20-15:40

Networking and Refreshments Break @ Foyer

15:40-16:10

Title: Nanocurcumin mediated amelioration on cellular and genotoxic complications of nicotine toxicated female population

Krishna Chatopadhyay, Jadavpur University, India

16:10-16:40

Title: Trihexyl(tetradecyl)phosphonium bis(trifluoromethylsulfonyl)amide as promising extractant for extractive desulfurization from liquid fuels

Swapnil Dharsekar, Pandit Deendayal Petroleum University, India

16:40-17:10

Title: An overview to the aviation green biofuel approval route within ASTM D7555

Christian Williams, Kawasaki, UK

Panel Discussion

Spice

10:00-10:50

Keynote Presentation

Title: An overview to the aviation green biofuel approval route within ASTM D7566

Christian Williams, Kawasaki, UK



10:50-11:00

Networking and Refreshments Break

Scientific Sessions: Design of Next Generation Catalysis | Green Catalysis in Petrochemical Industries | Green Catalysis and Pollution Control | Green Chemistry Metrics | Green Chemistry Catalysis and Fuel Cell | Green Chemistry Catalysis and Sustainable Energy | Green Energy | Green Economy

Session Chair: **Pon Selvan**, Curtin University, UAE

Session Co-Chair: **Brajadulal Chatopadhyay**, Jadavpur University, India

11:00-11:40

Title: Waste to energy in developing countries

Maryam Jabara, University of London, UK

11:40- 12:10

Title: The medicinal implication of a Himalayan herb *Gymnadenia orchidis* LINDL against type 2 diabetes mellitus

Brajadulal Chatopadhyay, Jadavpur University, India

12:10-12:40

Title: Energy consumption by equipments

Engr Mohamed Hussein, University of Sharjah, UAE

Lunch Break 12:40-13:40 @ Restaurant

13:40-14:10

Title: Studies on optical properties of greenly synthesized cobalt oxide nanoparticles

Ajuy Sundar Vijayanandan, National Institute of Technology, India

14:10-14:40

Title: Zeolitic imidazolate framework-8: A novel nanoparticle for fluoride removal from aqueous solution Taguchi experimental methodology

Swapnil Dharsekar, Pandit Deendayal Petroleum University, India

Panel Discussion

