Meetings International

5TH WORLD BIOENERGY CONGRESS

April 15-16, 2019 | Tokyo, Japan

Theme:

Future of Energy and Alternative Resources



https://www.meetingsint.com/conferences/bioenergy

5th World Bioenergy Congress 2019	
Day 1, April 15, 2019 Tokyo, Japan	
Registration	
Opening Ceremony	
Introduction	
Keynote Forum	
Keynote-1	**Title:** Development of a high-performance ethanol-hydrogen peroxide fuel cell
	Liang An, The Hong Kong Polytechnic University, Hong Kong
	Abstract: In this work, we propose to create the cathode potential by introducing a redox couple to the cathode while to use hydrogen peroxide to chemically charge to redox ions. Experimentally, it is demonstrated that the ethanol-hydrogen peroxide fuel cell with a redox couple of V4/V5 yields a peak power density of 450 mW cm-2, which is much higher than that of the conventional cell with direct reduction of hydrogen peroxide.
	Biography: Liang An received PhD degree in Mechanical Engineering from The Hong Kong University of Science and Technology. He is currently an Assistant Professor in Department of Mechanical Engineering at The Hong Kong Polytechnic University.
Keynote-2	**Title:** Going Miles with Green Smiles towards Clean India
	Monish Ahuja, Punjab Renewable Energy Systems Private Limited, India
	Abstract: Reduce burning of crop residues by effective utilisation of Biomass in Clean Energy Sector.Rising pollution index due to crops burning; especially noticed in Delhi NCR and enhancing incomes for farmers.Creating entrepreneurial opportunities for villagers and industries.
	Biography: Lt Col Monish Ahuja (Retd). is currently the Managing Director of Punjab Renewable Energy Systems Private Limited(PRESPL). He is an alumnus of the prestigious National Defence Academy, Khadakwasla, Pune.
Keynote-3	**Title:** Clearly communicating about the bioeconomy: Making bioenergy research
	Anton Holland, NIVA Inc., Canada
	Abstract: The bioeconomy, of which bioenergy is a significant part, is essential to achieving a low-carbon future. But adopting the products of the research and development that support the bioeconomy is fraught with misunderstanding at many levels.
	Biography: Anton Holland is President and CEO of NIVA Inc., a consultancy focused on all aspects of science communication and knowledge brokering. He leads the company's strategy to assist science-based organizations bridge the gap that exists between complex science subject matter and the information demands of different audience types.
Keynote-4	**Title:** Biorefinery process for Coffee bean fermentation and mucilage valorization for Biogas production
	Jesus David Coral Medina, Mariana University, Colombia
	Abstract: The production of coffee is around 7.7 million of tonnes per year, occupying 10.5 millions of hectares in more than 50 countries. At present, Colombia is placed as the third producer of coffee, only being surpassed by Vietnam and Brazil. Whiting of three countries are produced 94x106 of coffee bags of 60 kg.
	Biography: Jesus David Coral Medina has complete his PhD in 2016 from Federal of Parana University. At present, He is university professor at Mariana University in Pasto, Narino-Colombia, in the Process Engineering Department.
Keynote Slot Available	
Keynote Slot Available	
Group Photo and Tea Break	
Workshop Slot Available	
Oral Session - I:	
Session Interoduction	
Speaker-1	**Title:** Alternative fuels for marine applications: behaviour of biomethanol and biodiesel on properties of marine diesel oil.
	Tatjana Paulauskiene, Klaipeda University, Lithuania
	Abstract: In order to replace the higher part of fossil fuels in marine diesel fuel by components from renewable sources, it is necessary to develop complex multi-component blends. However, an increase in the amount of each component could be critical for the properties of the fuel.
	Biography: Tatjana Paulauskiene is Senior Researcher and Associated Professor in the Department of Engineering at Klaipeda University, Lithuania.
Speaker Slot Available	
Speaker Slot Available	
Lunch Break	
	Title: The Effect of a Local Bacteria on Physical Characteristics of Abu Dhabi Crude Oil
	Hadil Abu Khalifeh, Abu Dhabi University, United Arab Emirates.

Speaker-2	**Abstract:** Abstract: Crude oil is the raw material for many industries to produce consumer products such as gasoline, paraffin oils, asphalt, domestic fuel oil, and polymers. In contrary, sometimes its presence can cause destruction of the environment. In this work, the characteristics of target Abu Dhabi crude oil are investigated under the influence of microorganisms (bacteria) cultivated in a green tea media.
	Biography: Hadil Abu Khalifeh, PhD and M.A.Sc. Ryerson University Toronto, Canada. Hadil is an Associate Professor of Chemical Engineering at Abu Dhabi University (ADU) in the United Arab Emirates.
Speaker-3	**Title:** Domestic biogas production and use to provide energy security to rural households- a case study in Nepal
	Shanti Kala Subedi, Tribhuban University, India
	Abstract: Biogas development is one of the government's priority programmes in Nepal (WECS, 2010; Bajgain and Shakya, 2005; Katuwal and Bohara, 2009; SNV, 2010). However, the replication of the technology is still slow (BSP-Nepal, 2015). Biogas production is lower than its full capacity (Rao and Baral, 2011) and cannot cover the energy demand of a typical household all year round, especially during winter (KC. Et al, 2011, SNV, 2010, Katuwal and Bohara, 2009).
	Biography: Shanti Kala Subedi, experienced energy crisis since her childhood as she was born and grown up in a rural community in Nepal. She is currently working as a research chief in Tribhuban University Nepal where her researches focuses on Energy, Environment and Society. She is a Managing Director at Krishnam Smart Engineering Solution Pvt. Ltd - which works for renewable energy development projects in Nepal.
Speaker-4	**Title:** Good Impact of Bioenergy in Indonesia at this Era
	Qinthara Salsabila, Islamic State University of Sunan Ampel, Indonesia
	Abstract: Bioenergy is an energy which facile from vegetable or animal agricultural waste product, forestry or municipal waste industry. In Indonesia, palm oil is the main source for bioenergy utilization. Even today, Indonesia is the biggest producing country of crude palm oil.
	Biography: Qinthara Salsabila, student in Islamic state university of sunan ampel, Indonesia.
Speaker-5	**Title:** Effects of plasma power on the structural characteristics and corrosion property of cobalt oxide thin film by PECVD method
	Azadeh Jafari, Islamic Azad University, Iran
	Abstract : Using plasma-enhanced chemical vapor deposition (PECVD) method at various plasma power, cobalt oxide nanostructurewere deposited on silicon substrates. X-ray diffractometry (XRD), atomic force microscopy (AFM) and X-ray photoelectron spectroscopy technique were employed to characterize crystalline structure, morphology and elemental composition of deposited films, respectively.
	Biography: Azadeh Jafari, Assistant Professor at Islamic Azad University. She has published more articles in both reputed conferences and journals.
Speaker-6	**Title:** Sugar-cane as Energy-cane, an Enormous Source of Bioenergy
	Narendra Mohan, National Sugar Institute, India
	Abstract : Sugar cane is being used for producing sugar worldwide. Almost 70 % of the total sugar produced in the world is cane sugar. Sugarcane, having C4 path of photosynthesis, is one of the most energy containing plant species. It may give better economy as a source of energy than that of sugar; much better during weakened price of sugar.
	Biography: Narendra Mohan after completing Post Graduation in Sugar Technology carried out studies further for award of Fellowship of National Sugar Institute. He has a long and distinguished career of working in sugar industry and at the institute.
Networking & Refreshment Break	
Speaker Slot Available	
YRF Slot Available	
Poster Presentation slots Available	
Speaker Slot Available	
Session Adjournmant	
URL: https://www.meetingsint.com/conferences/bioenergy | Email: bioenergy@insightsummits.com	
Day 2, April 16, 2019, Tokyo, Japan	
Registration	
Opening Ceremony	
Introduction	

Keynote Forum	
Keynote-1	**Title:** Why We Need Nuclear Power Plants
	Bahman Zohuri, University of New Mexico, Mexico
	Abstract: The major growth in the electricity production industry in the last 30 years has centered on the expansion of natural gas power plants based on gas turbine cycles. The most popular extension of the simple Brayton gas turbine has been the combined cycle power plant with the Air-Brayton cycle serving as the topping cycle and the Steam-Rankine cycle serving as the bottoming cycle for new generation of nuclear power plants that are known as GEN-IV.
	Biography: Bahman Zohuri is currently at the University of New Mexico as Associate Research Professor and Consultant at Sandia National Lab as well as Galaxy Advanced Engineering, Inc. a consulting company that he stared himself in 1991 when he left both semiconductor and defense industries after many years working as a chief scientist.
Keynote-2	**Title:** NSEOR an innovation in Oil recovery
	Omar Chaalal, Abu Dhabi University, United Arab Emirates
	Abstract: There are over 2 trillion barrels of conventional oil still trapped in reservoirs worldwide after conventional recovery methods showed an incapability to extract them. Based on these many techniques that involved in tertiary oil recovery were developed. However, most of these technologies limit the further development of oilfields because of their economic restrictions.
	Biography: Omar Chaalal is an Associate Professor of Chemical Engineering at Abu Dhabi University (ADU). Chaalal is an internationally renowned expert in the separation technologies. He is the inventor of the EnPro Process that deals with the sequestration of carbon dioxide and global warming reduction.
Keynote-3	**Title:** Challenges to renewable energy regulation, commercialization and investment in India
	Tabrez Ahmad, University of Petroleum & Energy Studies, India
	Abstract: One-fifth of the world's power production presently coming from renewable energy sources and will continue to expand across the developing world and emerging economies. According to the International Energy Agency (IEA), non-OECD countries are predicted to account for 58 per cent of total renewable generation, up from 54 per cent this year in comparison to 2012.
	Biography: Tabrez Ahmad joining University of Petroleum and Energy Studies, COLS as a Professor and Director he was the Professor and Founder Director Alliance School of Law, Alliance University, Bangalore. He was also a mentor at IPR KIIT-Technology Business Incubator, National Science Technology Incubation Board (NSTEDB) & Depts. of Science Technology, Govt. of India.
Keynote Slot Available	
Keynote Slot Available	
Group Photo and Tea Break	
Oral Session - II:	
Speaker-1	**Title:** Investigation of biogas generation from the wastes of a vegetable market in single and double chamber reactors
	Md.Abdul Jalil, Bangladesh University of Engineering and Technology (BUET), Bangladesh
	Abstract: This paper presents the results of two sets of laboratory experiments on biogas generation from the wastes of a rural vegetable market of Bangladesh under daily feed condition. The daily average composition of easily biodegradable wastes was used as the substrate for biogas generation. Cow dung, cauliflower stick, papaya and potato were the major biodegradable wastes.
	Biography: Md.Abdul Jalil is a professor of Civil Engineering Department at BUET, Dhaka, Bangladesh. He received his Ph.D in Civil Engineering in 1993 from Tokyo University, Japan under ADB Scholarship .
Speaker-2	**Title:** Nitrogen ion implantation effect on the physical properties of copper oxide thin films on glass substrate
	Hamed Vosoughikia, Islamic Azad University, Iran
	Abstract: One of the method for engineering the structural properties of a metal oxide to modify its optical and electrical properties, is nitrogen doping. In this context nitrogen doping in copper oxide is an important research topic because of its potential for overcoming the disadvantage of copper oxide its high resistance.
	Biography: Hamed Vosoughikia, Assistant Professor at Islamic Azad University. She has published more articles in both reputed conferences and journals.
	Title: Energy and Environmental Footprints of Urban Travel: The Case of the City of Montreal
	Omid M. Rouhani, McGill University, Canada

Speaker-3	**Abstract:** Transport-related emissions and energy consumption pose severe threats to the environment and the human health. However, previous studies have found that transport users are generally unaware of their energy and environmental footprints. To address this gap in our knowledge, we simulate and estimate fuel consumption and emissions resulting from driving in Montreal, under various traffic conditions.
	Biography: Omid M. Rouhani, expertise is in the area of transportation economics and transportation systems analysis. His research program focuses on: network design problems, road and congestion pricing; advanced traveler information systems; public private partnership projects, energy policy analysis; optimization techniques for transportation problems; and sustainable infrastructure systems.
Speaker Slots Available	
Speaker Slots Available	
YRF Slots Available	
Poster Presenttaion Slots Available	
Speaker Slots Available	
Conference Adjournmant	
URL: https://www.meetingsint.com/conferences/bioenergy | Email: bioenergy@insightsummits.com	



About Tokyo

Tokyo is Japan's capital and the world's most populous metropolis. It is also one of Japan's 47 prefectures, consisting of 23 central city wards and multiple cities, towns and villages west of the city center. The Izu and Ogasawara Islands are also part of Tokyo. It has neon, skyscrapers, salaryman crowds, packed trains, cutting-edge architecture and futuristic technology. But it also has ancient shrines, plant-covered wooden houses, cycling grannies, old-school sweet shops and village-like lanes.





Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

Meetings International Pte Ltd

28 Maxwell Road, #03-05 Red Dot Traffic, Singapore (069120)

Phone: +6531080483 ext. 7071

Toll Free: +800-852-6126

Email: bioenergy@insightsummits.com