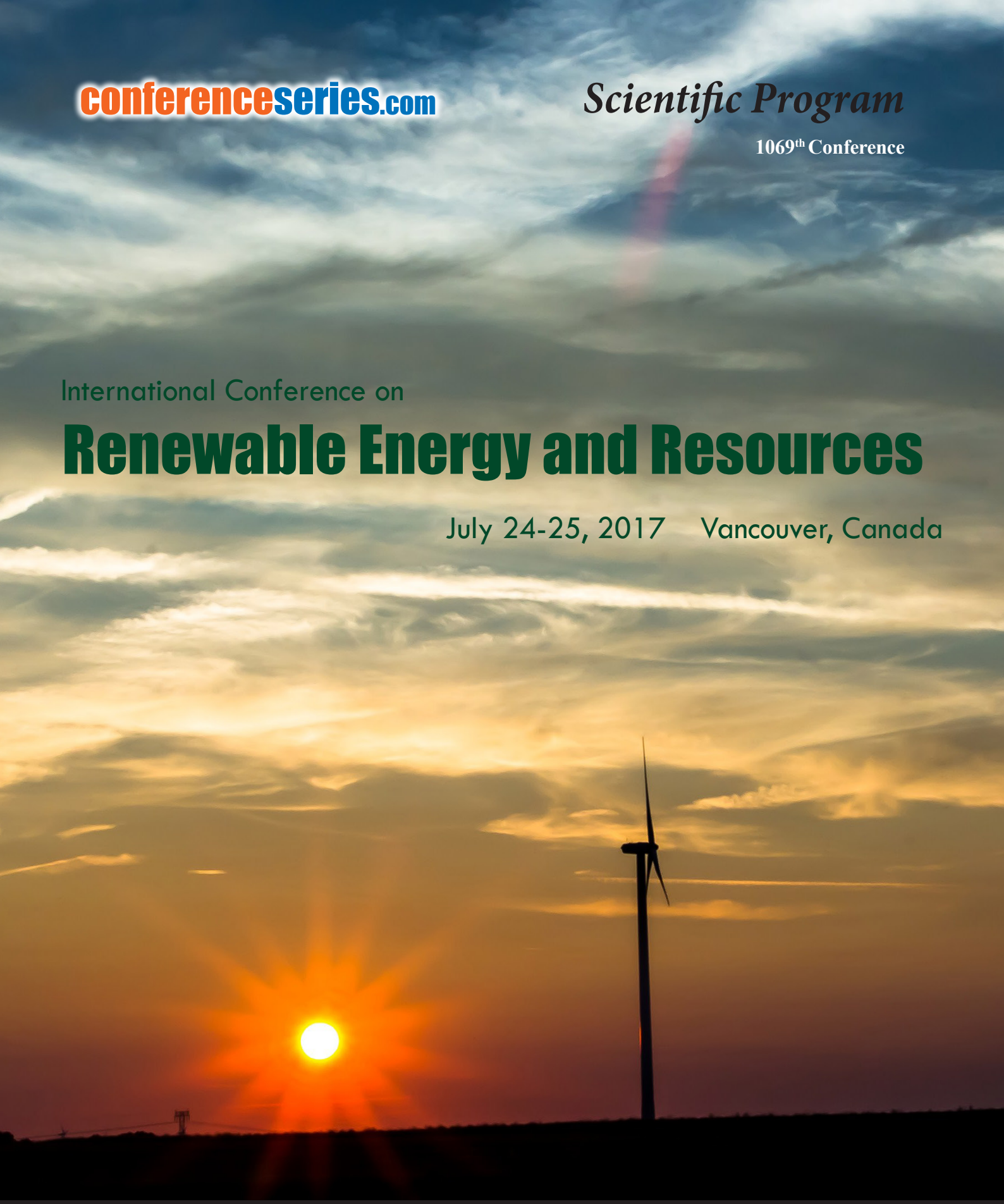
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1069th Conference



International Conference on

Renewable Energy and Resources

July 24-25, 2017 Vancouver, Canada

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Day 1 | July 24, 2017

08:30-09:30 Registrations

Executive Board Room

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:15 **Introduction by Moderator**

10:15-10:55 **Title: Enhancing renewable energy prospects via hydrogen energy systems**

Marc A. Rosen, University of Ontario Institute of Technology, Canada

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

11:15-11:55 **Title: Building integrated active and passive solar design**

Tin-Tai Chow, City University of Hong Kong, China

11:55-12:35 **Title: Exergy as measure of sustainability of energy system**

Peter Novak, Institute for High-technologies and Systems, Slovenia

Panel Discussion 12:35-12:40

Sessions:
Renewable Energy and Resources | Solar Energy | Wind Energy
Session Chair: Seungbae Lee, Inha University, South Korea

Session Introduction

12:40-13:10 **Title: Noise characteristics of small horizontal wind turbine**

Seungbae Lee, Inha University, South Korea

Lunch Break 13:10-14:00 @ Tivoli

14:00-14:30 **Title: Research and business cases for thin film solar cells: benefit of thinner, cheaper layers and tandem cells**

Joop van Deelen, Solliance Solar Research, Netherlands

14:30-15:00 **Title: Basic ionic liquid grafted SBA-15/quaternized polysulfone composite membrane for alkaline fuel cell**

Dharmalingam Sangeetha, Anna University, India

15:00-15:30 **Title: Improved optimization search tool for self-regulating smart distribution system with wind energy integration**

Adel Younis, Australian College of Kuwait, Kuwait

15:30-15:50 **Title: Heat transfer analysis of single and multiple geothermal heat extraction boreholes, Numerical versus analytical comparison**

Ali Fahrettin Kuyuk, University of British Columbia, Canada

Panel Discussion 15:50-15:55

Networking & Refreshment Break 15:55-16:15 @ Tivoli

16:15-16:35 **Title: Potential solar and wind power expansion in the New Zealand Network**

Mina Bahrami Gholami, University of Auckland Energy Center, New Zealand

16:35-16:55 **Title: Hydrocarbon source potential of Tertiary carbonaceous shale, shale and siltstone of eastern Chenor, Penyu basins, Pahang, Malaysia**

Yousif M. Makeen, University of Malaya, Malaysia

16:55-17:15 **Title: Energy demand determinants in Mexican households, 2008-2014**

Rafael Perez-Pena, New Mexico State University, USA

17:15-17:35 **Title: Kriging-Bat design optimization algorithm for floating offshore wind turbine support structures**

Abdulbaset Saad, University of Victoria, Canada

Panel Discussion 17:35-17:40

Day 2 | July 25, 2017

Executive Board Room

Keynote Forum

10:00-10:15	**Introduction**
10:15-10:55	**Title: Photocatalytic fuel cell for wastewater treatment and recovery of energy resources** **Michael K.H. Leung,** City University of Hong Kong, China
	Networking & Refreshment Break 10:55-11:15 @ Tivoli
11:15-11:55	**Title: Smart Solar Charging to support widespread deployment of photovoltaic systems and electric mobility** **Wilfried G.J.H.M. van Sark,** Utrecht University, Netherlands

Panel Discussion 11:55-12:00

Sessions:
Bioenergy | Advanced Technology

Session Chair: Martin Mittelbach, University of Graz, Austria

12:00-12:30	**Title: Future perspectives of advanced biofuels** **Martin Mittelbach,** University of Graz, Austria
12:30-13:00	**Title: Zeolite catalysts prepared from shale rock and kaolin for biodiesel synthesis** **Aidan M Doyle,** Manchester Metropolitan University, UK
	Lunch Break 13:00-13:45 @ Tivoli
13:45-14:15	**Title: Application of bioethanol in dual-fuel combustion – A review** **Soo-Young No,** Chungbuk National University, Korea
14:15-14:45	**Title: The use of remote sensing and gis to determine changes in land use: Causes of land degradation in Barka Province, Oman** **Eyad H R Fadda,** Sultan Qaboos University, Oman
14:45-15:05	**Title: Biogas recovery from hyper-thermophilic anaerobic co-digestion of thickened waste activated sludge, organic fraction of municipal solid waste and fat, oil and grease** **Rania Mona Zeid Alqaralleh,** University of Ottawa, Canada
15:05-15:25	**Title: The path forward for biomass valorization** **Carmen L Bayly,** University of British Columbia, Canada
	Networking & Refreshment Break 15:25-15:45 @ Tivoli
15:45-16:05	**Title: Enhancement of laccase activity in semi-solid culture of *Pleurotus ostreatus* by Cordyceps extract supplementation** **Juan S Chirivi-Salomon,** University of the Andes, Colombia
16:05-16:25	**Title: Study of chemically synthesized rare-earth terbium substituted bam hex ferrites** **Muhammad Imran Asghar,** Government College of Technology Kamalia, Pakistan

Panel Discussion 16:25-16:30

Poster Presentations 16:30-17:30

RE 01	**Title: Interaction analysis of multi-arrangement in tidal current energy farm** **Chul Hee Jo,** Inha University, South Korea
RE 02	**Title: Preliminary study of the wind and solar energy in China** **Tianhao Li,** Beijing Normal University, China
RE 03	**Title: Biogas Recovery from hyper-thermophilic anaerobic co-digestion of thickened waste activated sludge, organic fraction of municipal solid waste and fat, oil and grease** **Rania Mona Zeid Alqaralleh,** University of Ottawa, Canada
RE 04	**Title: Catalytic pyrolysis for used tire wastes: An opportunity for environmental impact reduction in Bogota, Colombia** **Juan S Chirivi-Salomon,** University of the Andes, Colombia
RE 05	**Title: Scaling-up evaluation of the biological lignin-degrading treatment of rice husk by Pleurotus ostreatus** **Juan S Chirivi-Salomon,** University of the Andes, Colombia
RE 06	**Title: Engineering design for a large-scale wind and solar photovoltaic (PV) installations in an urban environment** **Fariborz Mansouri Kouhestani,** University of Lethbridge, Canada

Award & Closing Ceremony(17:30 onwards)