

## PROGRAM

### 4<sup>th</sup> International Chemical and Environmental Engineering Conference (2013-14) 14-16 February 2014, Hotel Royal, Kuala Lumpur, Malaysia

<b>Registration : (8:00 AM to 9:15 AM)</b>	
<b>Welcome Address (9:00 AM to 9:15 AM)</b> <i>Prof. Dr. Inamullah Bhatti – The University of Arizona, Tucson, Arizona, USA</i>	
<b>Technical Sessions 14<sup>th</sup> February 2014</b>	
<i>Paper ID</i>	<i>Oral Session 1 (9:00 AM to 11:00 AM)</i> <i>Chemical and Environmental Engineering</i>
	<i>Chair: Imtiaz Chandio</i> <i>Secretary: Henryk-Wasag</i>
<b>04</b> <b>ICEEC</b>	Degradation of odorous compounds from food production by oxidation methods <i>Janusz Ozonek</i>
<b>37</b> <b>ICEEC</b>	Development of algorithm for charge compensation of the large nucleoproteins <i>Miroslav Rangelov</i>
<b>Refreshment: 11:00 AM to 11:20 AM</b>	
<b>28</b> <b>ICEEC</b>	Effect of Feed Loading on Biogas Methane Production in Batch Mesophilic Anaerobic Digesters treating Food Wastes. <i>Idris Musa Tanimu</i>
<b>32</b> <b>ICEEC</b>	Adsorption of NO and SO <sub>2</sub> on the Sn <sub>0.5</sub> Ti <sub>0.5</sub> O <sub>2</sub> Catalyst Studied by in-situ FTIR Sp <i>Jun Ma</i>
<b>33</b> <b>ICEEC</b>	Production of heterogeneous catalyst for bio-diesel synthesis

	<i>Beenish Shah</i>
<b>31 ICEEC</b>	Geopolitical approach to environmental issues in 21 century <i>Seyedabas Ahmadi</i>
<b>Lunch and Prayer Break (01:00 AM to 02:00 PM)</b>	
<i>Paper ID</i>	<i>Oral Session 2 (02:00 PM to 03:00 PM)</i> <i>Chemical and Environmental Engineering</i>
	<i>Chair: Yulianti Pratama</i> <i>Secretary: Janusz Ozonek</i>
<b>07 ICEEC</b>	Recovery and Reuse of Platinum catalyst from used fuel cells. <i>Jang-Sik Shin</i>
<b>21 ICEEC</b>	Development of a rapid, effective method for seeding biofiltration systems using alginate bead- immobilized cells <i>Wan Li Low</i>
<b>01 ICEEC</b>	Heavy Metals Removal from Wastewater Using Agricultural Wastes as Adsorbents: A review <i>Tamer M. Alslaibi</i>
<b>02 ICEEC</b>	Baseline study of particulate matter levels in major urban centres in eastern Nigeria <i>Sylvester Ngele</i>
<b>03 ICEEC</b>	Measuring and Modeling of CO <sub>2</sub> and SO <sub>2</sub> dispersion and emission from gas flaring: A case study of south pars gas complex second refinery, IRAN. <i>Bahador Akbari</i>
<b>23 ICEEC</b>	Development of Reverse Ultrasonic Tomographic Instrumentation System for Monitoring Irregularities on Aboveground Gas Pipeline <i>Norsuhadat Nordin</i>

<b>Coffee Break (03:00 PM to 03:20 PM)</b>	
<i>Paper ID</i>	<i>Oral Session 3 (03:20 PM to 05:00 PM)</i> <i>Chemical and Environmental Engineering</i>
	<i>Chair: Inamullah Bhatti</i> <i>Secretary: Jang-Sik Shin</i>
<b>24</b> <b>ICEEC</b>	The Novel Amine – Modified Kenaf as CO <sub>2</sub> Adsorbent in Pressure Swing Adsorption (PSA) System  <i>Nabilah Zaini</i>
<b>34</b> <b>ICEEC</b>	Optimization of Pineapple Waste Fermentation Process in Continuous Reactor System  <i>Yulianti Pratama</i>
<b>38</b> <b>ICEEC</b>	Surfactant Behaviour in Water; A Monte Carlo Simulation  <i>Roghayeh Abedi Karjiban</i>
<b>DAY – 2: February 15, 2014</b>	
<i>Paper ID</i>	<i>Oral Session 4 (09:00 AM to 11:00 AM)</i> <i>Chemical and Environmental Engineering</i>
	<i>Chair: Elham S. Moosavi</i> <i>Secretary: Jun Ma</i>
<b>05</b> <b>ICEEC</b>	Influence of filtering layer thickness on hydrogen sulphide removal from air  <i><u>Henryk Wasag</u></i>
<b>06</b> <b>ICEEC</b>	INDOLIBERTi Pipe Filter: An Innovation Pipeline to Decrease Water Pollution of Domestic Waste Fluid  <i>Jajang Jaelani,</i>
<b>26</b> <b>ICEEC</b>	Computational modeling of catalytic systems and adsorbents  <i>Georgi Vayssilov</i>
<b>27</b> <b>ICEEC</b>	Synthesis of 3,4-disubstituted coumarin derivatives via ultrasonic conditions  <i>Rositca Nikolova</i>

<b>Refreshment: 11:00 AM to 11:20 AM</b>	
<i>Paper ID</i>	<i>Oral Session 5 (11:20 AM to 01:00 PM)</i> <i>Chemical and Environmental Engineering</i>
	<i>Chair: Shoaib Sheikh</i> <i>Secretary: Wan Li Low</i>
<b>36</b> <b>ICEEC</b>	Surfactant Behaviour in Water; A Monte Carlo Simulation  <i>Roghayeh Abedi Karjiban</i>
<b>10</b> <b>ICEEC</b>	Kuwait Environmental Remediation Program (KERP): Remediation Demonstration Strategy  <i>Aisha Al-Baroud,</i>
<b>12</b> <b>ICEEC</b>	Treatment of Water Hyacinth and Pineapple Indigenous Fibers for Textile Applications using Plasma Enhanced Chemical Vapor Deposition (PECVD)  <i>Jay-Anne Aleno</i>
<b>13</b> <b>ICEEC</b>	Optimization of Oxidative- Adsorptive Desulfurization of Diesel Fuel Using High Shear Mixer With Chitosan-Coated Bentonite (CCB)  <i>Ayesha Duavis</i>
<b>16</b> <b>ICEEC</b>	Effect of microwave heating on casein isolated from tetra pack milk and fresh milk by ftir  <i>Naseem Aslam Channa</i>
<b>17</b> <b>ICEEC</b>	Enhancement of Biodegradable Polymer Properties by Physical and Chemical Revisited Method  <i>Zahra Maghareh Esfahan,</i>
<b>Lunch and Prayer Break (1:00 to 2:00 pm)</b>	
<b>18</b> <b>ICEEC</b>	Review of Low-Temperature H <sub>2</sub> S Sorbents for Desulfurization of Biogas  <i>Hamed Pourzolfaghar,</i>

<b>39</b> <b>ICEEC</b>	Characterization of Air Pollution Episodes by PTR-MS Triggered Sampling Coupled with GC/MS Analysis  <i>Jia-Lin Wang</i>
<b>40</b> <b>ICEEC</b>	Abatement of Fluorine inside Small Particle Fluidized Bed using Aspen Plus Simulation  <i>Harjeet Nath</i>
<b>41</b> <b>ICEEC</b>	Phase Behavior of Ionic Liquid with Thiophene based Binary system Predicted using COSMO-RS model  <i>Anantharaj Ramalingam</i>
<b>25</b> <b>ICEEC</b>	4,6-Dimethyldibenzothiophene adsorption by activated carbon fiber  <i>Elham S. Moosavi</i>
<b>29</b> <b>ICEEC</b>	Extraction and Screening of Various Hydrolases from Malaysian Channel Catfish ( <i>Ictalurus punctatus</i> ) Viscera  <i>Safa Senan Mahmod</i>
<b>19</b> <b>ICEEC</b>	Kenaf As Adsorptive Gas Storage  <i>Nur Farahhin Jais</i>
<b>30</b> <b>ICEEC</b>	Quantifying Uncertainty of Spatial Interpolation of Fine Particulate Matter in Small Regions using Empirical Bayesian Kriging  <i>Kevin Mwenda</i>
<b>20</b> <b>ICEEC</b>	CO <sub>2</sub> removal using mdea/amp in liquid emulsion  <i>Siti Balqis Mohd Najib</i>
<b>22</b> <b>ICEEC</b>	Synthesis and modification of palm seed based activated carbon to remove Dibenzothiophene  <i>Elham S. Moosavi</i>

### 16<sup>th</sup> February 2014 City Tour

**Bus will pick all participants from the Hotel Royal at 9:00 am and return at 5:00pm**