

2012 APCBEES HONG KONG CONFERENCES SCHEDULE

2012 2nd International Conference on Biomedical Engineering and Technology (ICBET 2012)
2012 2nd International Conference on Environment and Industrial Innovation (ICEII 2012)
2012 International Conference on Chemical and Process Engineering (ICCPE 2012)
&
2012 2nd Journal Conference on Environmental Science and Development (JCESD 2012 2nd)

Hong Kong

Harbour Plaza 8 Degrees

June 2-3, 2012

Sponsored and Published by



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June 2, 2012 (Saturday)**Harbour Plaza 8 Degrees (Ground Floor)**

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| 10: 00 – 12: 30 | Arrival and Registration |
| 13: 30 – 17: 00 | |

Note: (1) You can also register at any time during the conference.

(2) Certificate of Participation can be collected at the registration counter.

(3) The organizer doesn't provide accommodation, and we suggest you make an early reservation.

(4) One Excellent Paper will be selected from each oral session. The Certificate for Excellent Papers and will be awarded in the Closing Ceremony on June 3, 2012.

Morning, June 3, 2012 (Sunday)

Venue: Salon VI

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| 08:30- 08:40 | Opening Remarks Saji Baby Environmental Manager (Research and Consultation) & Principal Scientist GEO Environmental Consultation |
| 08:40-09:20 | Keynote Speaker I Dr. Kelvin KL Wong RMIT University School of Aerospace, Mechanical & Manufacturing Engineering PO Box 71 Bundoora VIC 3083 Australia “Cardiac Flow Analysis: Velocity-encoded Magnetic Resonance Imaging and Hemodynamics Simulation” |
| 09:20 – 09:50 | Keynote Speaker II Saji Baby Environmental Manager (Research and Consultation) & Principal Scientist GEO Environmental Consultation “Sustainable Technologies to Remove Petroleum Oil from Contaminated Soil” |
| 09:50-10:20 | Taking Photo and Coffee Break |

Morning, June 3, 2012 (Sunday)

SESSION – 1 (ICBET, ICCPE & JCESD)

Venue: Salon VI

Session Chair: SIEW-TENG ONG

Time: 10:20 – 12:30

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| CD0034 | Collecting, Analyzing, and Visualizing Environmental Data Using Innovative GIS Techniques at Camp Sibert Bai Tian, Member, APCBEES, Joseph J. Cudney, and John A. Chulick |
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| CD0035 | Copper in water, sediment and Strombus canarium at South Western Coast of Peninsular Malaysia S. Shaikhah, M. S. M. Ismid, A. Shamila, M. Khalida, M. K. M. Azraai, N. A. Aznah, M. Maketab, N. O. Mohd |
| CD0036 Poster | An Objective Infrared Imagery Analysis for Typhoon Jangmi Chung-Chih Liu and Liang-De Chen |
| CD0037 | Removal of Organic and Nitrogen Components by Circulating Fresh Waste Leachate on Old Waste Deposits Mohssen Shoeybi and Jonathan L. Salvacion |
| CD0039 | Process for Sulfur Reduction from High Viscosity Petroleum Oils Sandeep Chavan, Harshad Kini and Ranjan Ghosal |
| CD040 | Isotherms and Kinetics Studies on the Removal of Methylene Blue from Aqueous Solution by Gambir Indonesia K.S. Tong, A. Azraa, M. Jain Noordin |
| CD0042 | Effect of Land Use on River, Coastal Water and Perna viridis at Johor Straits, Malaysia Shamila Azman, Benedict Chan Wei Chiang, Razali Ismail, Jafariah Jaafar, Mohd Ismid Mohd Said, and Salmiati |
| CD0046 | Some Pollutants Effects on the Environment of the Al-Hashimiyeh Town Bassam A. Al-Helou |
| CD0050 | Return of the periphery? Globalisation, climate change and the options for forest rich regions C. Nuur, M. Novotny, and S. Laestadius |
| P006 | Preparation of Hydrogel Based on Glutaraldehyde-Crosslinked Carrageenan Sperisa Distantina, Rochmadi, Mohammad Fahrurrozi, Wiratni |
| P008 | The Effect of Coal Fly Ash Treatment with NaOH on the Characters and Adsorption Mechanism Toward Methyl Violet in the Solution Widi Astuti, Endang Tri Wahyuni, Agus Prasetya, I Made Bendiyasa |
| P007 | Heat Transfer from An Impingement Jet onto A Heated Half-Prolate Spheroid Attached to A Heated Flat Plate Patricia Streufert and Terry X. Yan |
| P009 | Design and Development of a Closed Two Loop Thermal Management Configuration for PEM Fuel Cell B Viswanath Sasank, N.Rajalakshmi, K.S.Dhathathreyan |
| B004 | Effects of Local-Heating Stimulation on the Harmonic Structure of the Blood Pressure and Photoplethysmography Waveforms Hsin Hsiu, Chia-Liang Hsu, Chao-Tsung Chen, Hsiao-Feng Hu, and Fu-Chi Chen |
| B007 | Miniature Wireless Physiological Signal Recording System I-Te Hsieh, Yu-Cheng Lin, Chun-Yu Chen, Cheryl C. H. Yang and Terry B. J. Kuo |
| B010 | An Eyes Text Input Device for Persons with the Motor Neuron Diseases Chung-Min Wu |

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| B012 | A Study of Differently Expressed Brain Genes for Calcium Channel Gene Knockout and Wild-type Mice by Statistical and Hierarchical Clustering Jui-Ming Chen, Ya-Chun Tang, Utpala Shrestha, Meng-Hsiun Tsai, and Sheng-Hsiung Chiu |
| B017 KS | Numerical Study of Stenosed Carotid Bifurcation Models Based on Wall Shear Stress Distribution Kelvin K. L. Wong, Jingliang Dong, and Jiyuan Tu |
| B023 | Effect of Local Wall Shear Stress on Low-density lipoprotein Transportation in Atherosclerotic Carotid Bifurcation Jingliang Dong, Kelvin K. L. Wong and Jiyuan Tu |

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| 12:30 – 13:30 | Lunch |
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Afternoon, June 3, 2012 (Sunday)

SESSION – 2 (ICBET)

Venue: Salon VI

Session Chair: Dr. Kelvin KL Wong

Time: 13:30 – 15:30

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| B013 | FEM Analysis of Microwave Ablation for Snoring Therapy by Using Real Image Pattarapong Phasukkit |
| B014 | The Relationship between Attention Assessment and EEG Control Shih-Chung Chen, Ching-Kai Huang, Jin-Fu Chen, Shih-Bin Su |
| B018 | Design of wideband voltage source having low output impedance, flexible gain and controllable feedback current for EIT systems T R Qureshi, C R Chatwin and W Wang |
| B021 | Biocompatible multielectrolyte sensor for artificial kidney Julien Fils, Gilles Marchand, Navarro Fabrice, Frederique Mittler and Frederic Revol |
| B022 | Spatial localization of anatomical structures based on 3D reconstruction and image processing Jan Barabas, Branko Babusiak, Michal Gala, Roman Radil, Martin Capka |
| B025 | Normalized Weighted RMSD for Measuring Protein Structure Superposition Xueyi Wang, Jianmin Dong |
| B027 | Preparation of Lake Pigment from Thai Lac Dye Eakkaluk Wongwad, Ampa Jimtaisong, Nisakorn Saewan and Panvipa Krisadaphong |
| B1001 | Isolation of Lactobacillus species from sediments of Caspian Sea for Bacteriocin production Khosro Issazadeh, Mohammad reza maid - Khoshkholgh Pahlaviani and Alireza Massiha |
| B1003 | Used of Some Plant Wastes for Fish Feeding with Reference on its Impact Abdulbaset Elgellal and Mahmood Metwaly |

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| B1004 | Performance Assessment of Various Molar Crown Designs Rashmi Uddanwadiker and Vikram Uddanwadiker |
| B1006 | Design and Evaluation of a New Type of Knee Orthosis to Align the Mediolateral Angle of the Knee Joint with Osteoarthritis Mohammad Taghi Karimi, Amir Esrafilian, Pouya Amiri |
| B1007 | A New Approach to Measure Stability During Quiet Standing Amir Esrafilian, Mohammad Taghi Karimi, Mohammad Jafar Sadigh, Nima Jamshidi, Pouya Amiri |
| B1008 | Design and Evaluation of a New Type of Knee Orthosis for Improving the Performance of Subjects with Knee Osteoarthritis Mohsen Mirbod, Mohammad Taghi Karimi |
| B1011 | Classification of Cardiac Arrhythmia via SVM Thaweesak Yingthawornsuk |
| B1012 | Model based analysis of sympathetic and parasympathetic nervous systems in spinal cord injured subjects using RR variability A.G.Patil, R.H.Chile and S.T.Hamde |
| B1014 Poster | Examination of Thermo- and pH-responsiveness of Ion Group functionalized MPEG-b-PCL diblock copolymers Da Yeon Kim, Doo Yeon Kwon, Jin Seon Kwon, Guozhe Tai, Sun Woo Sim, Lingmei Jin, Ji Hoon Park, Jae Ho Kim, Moon Suk Kim |
| B1015 | Consideration of Iris Characteristic for Improving Cataract Screening Techniques Based on Digital Image Retno Supriyanti, Yogi Ramadhani |
| B2004 | Production of Liquid Fuels from Waste Lube Oils Used by Pyrolysis process Wisa Manasomboonphan |
| B3001 | Monte Carlo Analysis of a Subcutaneous Absorption Insulin Glargine Model: Variability in Plasma Insulin Concentrations Normy N. Razak, Jessica Lin, Jason Wong, Geoffrey J. Chase |

15: 30 - 15: 50

Coffee Break

Afternoon, June 3, 2012 (Sunday)

SESSION – 3 (ICEII)

Venue: Salon VI

Session Chair: Dr. K. S. K. Rao Patnaik

Time: 15:50 – 18:30

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| E002 | Magnetoelastic Sensor Array for Tracking Personal Exposure to Atmospheric Environmental and Industrial Pollutants Ee Lim Tan, Andrew Curriston, Andrew DeRouin, Rupak M. Rajachar and Keat Ghee Ong |
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| E004 | Geothermal Energy: An Alternative Solution to Sustainable Cooling and Heating System in Brunei Darussalam. TeckSionWong, Liyanage C. DeSilva, Iskandar Petra, J. Hazra b, S. A. Husain and Z. Sulaiman |
| E007 | Zeta Potential - Applications Roman MARSALEK |
| E011 | Study on Montmorillonite Modified by Gluconic Acid as Trace-water Dehydration Materials Yuanfeng Pan, Tengyou Wei and Huining Xiao |
| E015 | Effect of Temperature on Performance of a Sanitary Landfill Aik Heng Lee, Hamid Nikraz and Yung Tze Hung |
| E016 | Institutionalizing Energy Efficiency Within the Manufacturing Industry: a Computer-Aided Framework for ISO50001 Bin Wu and Sandina Ponte |
| E020 | Occupational Exposure to Chromium and Nickel in Metalworking Fluid Operations Environment Hui-Ming Liu, Yuh-Shen Wu and Chia-Chan Wu |
| E024 | Fuzzy environmental assessment of urban areas sustainability Marius Pislaru , Alexandru Trandabat and Silvia Curteanu |
| E025 | Biodiversity and Its Future with Edible Oil Crops and Malaysian Palm Oil Benjamin Loh and Lu-Wee Tang |
| E027 | Adaptation and Nucleation of Anaerobic Granules under Synthetic and Natural Polymers Nasrul Hudayah , Benjaphon Suraraksa and Pawinee Chaiprasert |
| E028 | Benthic Macroinvertebrate as an Alternative Tool for Biological Monitoring in Assessing River Water Quality Nor Zaiha Arman, Salmiati, Mohd. Ismid Mohd. Said, Shamila Azman, and Shahrul Azri Mohd Safeai |
| E029 | Occurrence and Fate of PPCPs Wastewater Treatment Plants in Korea J. W. Kim, S. M. Yoon, S. J. Lee, M. Narumiya, N. Nakada, I. S. Han and H. Tanaka |
| E030 | Fate of Estrogens Wastewater Treatment Plants in Korea S. M. Yoon, J. W. Kim, S. J. Lee, M. Narumiya, N. Nakada, I. S. Han and H. Tanaka |
| E031 | Potential of Sewage Sludge as Soil Amendment Salmiati , Mohd Razman Salim, Zaini Ujang and Shamila Azman |
| E10009 | Continuous Bioethanol Production Using <i>Saccharomyces cerevisiae</i> Cells Immobilized In Nata De Coco (Biocellulose) Charlimgagne M. Montealegre, Emerson R. Dionisio, Lawrence V. Sumera, Jay R T. Adolacion and Rizalinda L. De Leon |
| E10011 | Enhanced Phytoremediation Efficiency of TNT-Contaminated Soil by Nanoscale Zero Valent Iron Waraporn Jiamjitrpanich, Preeda Parkpian, Chongrak Polprasert and Rachain Kosanlavit |

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| E10012 | Adsorption Capability of <i>Gmelina arborea</i> Bark using Crystal Violet Angelie I. Jover and Jonathan W. L. Salvacion |
| E30002 | Result Assessment of the College Entrance Test of Feeder High Schools in Different Provinces of Cavite Edna T. Mercado |
| E30003 | Factors Influencing Species Diversity of Ferns in Mt. Makulot, Cuenca, Southern Luzon, Philippines Maria Victoria L. Catapang, Princess Joanne D. Reyes and Melanie P. Medecilo |
| E30012 | Potential Energy Conservation Technique for Fluid Transportation Through Pipeline: Water Soluble Polymer Drag Reduction Technology Brajesh Kumar Jha, Vedang Singh Chauhan, Sanjib Sharma and A. S. Khanna |
| E017 | Separation of Phenolic Compounds from Coal Tar Dewi Selvia Fardhyanti, Panut Mulyono, Wahyudi Budi Sediawan, and Muslikhin Hidayat |

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| June 3, 2012, 19:00 | Dinner and Closing Ceremony |
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Instructions for Oral Presentations

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files (Files shall be copied to the Conference Computer at the beginning of each Session)

Duration of each Presentation (Tentatively):

Regular Oral Session: about 8 Minutes of Presentation 2 Minutes of Q&A

Keynote Speech: 25 Minutes of Presentation 5 Minutes of Q&A

Harbour Plaza 8 Degrees

<http://www.harbour-plaza.com/8degrees/Index-sc.htm>

The organizer doesn't provide accommodation, we suggest you make an early reservation. Please do mention APCBEES when you communicate with the hotel, then you can have a discount price.



The convenient Harbour Plaza 8 Degrees location provides easy access to the former Kai Tak Airport on the Tokwawan district in Kowloon, the MTR Station, Kowloon Bay and the bustling Tsimshatsui. All easily accessible by the hotel's complimentary shuttle bus.

