

# 2011 APCBEES MALAYSIA CONFERENCES SCHEDULE

2011 International Conference on Environment and Industrial Innovation (ICEII 2011)  
&  
2011 International Conference on Biomedical Engineering and Technology (ICBET 2011)

**Kuala Lumpur, Malaysia**

**MINES WELLNESS HOTEL**

**June 17-19, 2011**

**Sponsored and Published by**



[www.apcbees.org](http://www.apcbees.org)

**June 17, 2011 (Friday)****MINES WELLNESS HOTEL LOBBY ( Level 4)**

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

**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.**

**Morning, June 18, 2011 (Saturday)**

Venue: Break-out Room ( Level 2)

9:00-9:15	Opening Remarks Saji Baby Environmental Manager (Research and Consultation) & Principal Scientist GEO Environmental Consultation
9:15-10:00	Keynote Speaker I Prof. LM Chu The Chinese University of Hongkong, Hongkong “ Vegitecture - Urban Greening for the Future ”
10:00-10:30	Taking Photo and Coffee Break
10:30-11:15	Keynote Speaker II Prof. Anh Dinh Department of Electrical and Computer Engineering University of Saskatchewan, 57 Campus Drive, Saskatoon, Sask., S7N 5A9 “ Fall and Near Fall Assessment Research and Evaluation ”
11:15-12:00	Keynote Speaker III Saji Baby Environmental Manager (Research and Consultation) & Principal Scientist GEO Environmental Consultation “ Nuclear Power Plant in your Backyard to Support Industrial Innovation - Environmental Evaluation ”

12: 00 - 13: 30	Lunch Break
-----------------	-------------

**Afternoon, June 18, 2011 (Saturday)**

SESSION – 1 ( ICEII)

Venue: Break-out Room ( Level 2)

Session Chair: Roman MARŠÁLEK

Time: 13:30 – 15:30

C009	Acclimatization and Performance Study of Acidogenesis Anaerobic Degradation Process for Palm Oil Mill Effluent.
------	---

	Yee-Shian Wong; Soon-An Ong; Kok-Keat Lim and Hong-Chen Lee
C010	Effective Land utilization for Rehabilitation of a Fragile Limestone Mining Zone at Darlaghat , District Solan, Himachal Pradesh Sanjay Sood and Sandeep Bhimta
C011	Using Fenton's Reagents for the Degradation of Diisopropanolamine: Effect of Temperature and pH Putri F. Khamaruddin, M. Azmi Bustam and A. Aziz Omar
C013 SC	The adsorption of Pb <sup>2+</sup> , Cu <sup>2+</sup> and Cr <sup>3+</sup> on ferro-precipitate Roman MARŠÁLEK
C017	Research of the Energy Saving and Emission Reduction Potential of Distributed Energy with Multiple Energy Resources in Pharmaceutical Industry of Yunnan Zhang Qian-qian , Jiang Ying-xiang , Liu Shu-juan,Liu Yan-bing
C019	Compressive Properties and Morphology of Polypropylene/Polycarbonate Blends Muhammad S. Mat Shayuti, Mohamad Z. Abdullah and Puteri S. M. Megat Yusoff
C026	DEVELOPMENT OF HYBRID ANAEROBIC DIGESTION AND MEMBRANE SEPARATION TECHNIQUE Vaibhav R. Sapkal, Dr.N.J.Mistry, Dr.A.N.Vaidya
C027	Exhaust Air and Wind Energy Recovery System for Clean Energy Generation Chong Wen Tong, Poh Sin Chew, Ahmad Fazlizan Abdullah, Oon Cheen Sean and Tiah Chai Ching
C030	Study the Accumulation of Nutrients and Heavy Metals in the Plant Tissues of Limnocharis flava Planted in Both Vertical and Horizontal Subsurface Flow Constructed Wetland Ain Nihla Kamarudzaman, Mohd. Abd Hafiz Zakaria, Roslaili Abdul Aziz and Mohd Faizal Ab Jalil
C031	Regeneration of adsorbent spent with Volatile Organic Compounds(VOCs) Irfan Khursheed Shah, Pascaline Pre and Babu J Alappat
C037	Challenges of Sustainable Design in Malaysian Furniture Industry Shabboo Valipoor, Baharudin Ujang
C039	XAS studies on promoted and un-promoted silica supported cobalt catalysts for Fischer-Tropsch synthesis Waritsara Bungmek, Pinsuda Viravathana, Sanya Prangsri-aroon, Siwaruk Chotiwan, Olaf Deutschmann, and Han Schulz
C040	PEO/LaCoO <sub>3</sub> Composite Polymer Electrolyte and Its Electrochemical Properties Rapat Boonpong, Attera Worayingyong, Marisa Arunchaiya and Atchana Wongchaisuwat

15: 30 - 15: 50

Coffee Break

**Afternoon, June 18, 2011 (Saturday)**

SESSION – 2 ( ICBET)

Venue: Break-out Room ( Level 2)

Session Chair: Slim Hammadi

Time: 15:50-18:30

T013	A Study of Normoxic Polymer Gel Dosimeter Using Raman Spectroscopy Analysis Aifa Afirah Rozlan, Mohamad Suhaimi Jaafar and Azhar Abdul Rahman
T031	The Achievement of Various Shapes of Specular Reflections for Cataract Screening System Based on Digital Images Retno Supriyanti, Yogi Ramadhani
T016	A New Method of Analysis of Brain MRI Images for Quantitative Grading of Brain Tissue Pathology S. S. Shanbhag, G. R. Udipi, K. M. Patil, K. Ranganath
T017	A Hybrid Trial To Trial Wavelet Coherence and Novelty Detection Scheme for a Fast and Clear Notification of the Uncomfortable Loudness Level Mai Mariam and Izadora Mustaffa
T020	Heart Activity Monitoring on Smartphone Anh Dinh
T022	Nutritional Properties of Abelmoschus Esculentus as Remedy to Manage Diabetes Mellitus: A Literature Review Indah Mohd Amin
T025	A Review of Asynchronous Electroencephalogram-based Brain Computer Interface Systems Aneesa Akmal Nooh , Jasmy Yunus and Salwani Mohd Daud
T026	A Remote Navigation Methodology for a Four Wheel Rectangular Configured Holonomic Mobile Telemedicine Robot Muralindran Mariappan, Vigneswaran Ramu, Thayabaren Ganesan, Brendan Khoo and Kumarheshan Vellian
T028	Virtual Medical Instrument for OTOROB Based on LabVIEW for Acquiring Multiple Medical Instrument LCD Reading Using Optical Character Recognition Muralindran Mariappan, Vigneswaran Ramu, Thayabaren Ganesan, Brendan Khoo and Kumarheshan Vellian
T027 Poster	Optimization of influencing parameters for fabrication of gold nanoparticle-based nucleic acid lateral flow strip test Nareethorn Udomthongsuk, Amornpun Sereemasun, Veerawat Korkiatsakul, Chayanon Ngambenjawang and Pitt Supaphol
T034	Intelligent Computing of Mathematical Properties of a Bio-Nanorobotic Systems Component, C70 Nanoparticle H.R. Khataee, M.A. Teh Noranis and M.N. Sulaiman
T039	Accuracy of Enhanced Distance Active Contour (EDAC) for Microcalcifications Segmentation Siti Salmah Yasiran, Wan Eny Zarina Wan Abdul Rahman, Arsmah Ibrahim, Abdul Kadir Jumaat , and Rozi Mahmud
T10004	Construction of an expression vector for production of tissue plasminogen activator (t-PA) in a transgenic microalgae bioreactor Saeid Kadkhodaei, Arbakariya B. Ariff , Hamid Rajabi Memari, Nagasundara Ramanan Ramakrishnan, Mortaza Ebrahimi

**Moring, June 19, 2011 (Sunday)**

SESSION – 3( ICEII)

Venue: Break-out Room ( Level 2)

Session Chair: Professor(Dr.) B C Meikap

Time: 09:00 – 10:30

C041	Analysis of heat impacted behavior at vertical façade building based on heat flux mechanism Hazlini Dzinun, Mohd Fadhil Md Din, Zainura Zainun Noor, Dilshah Remaz, Kenzo Iwao, Shreeshivadasan Chellapan
C046	Modeling of equilibrium data for free cyanide adsorption onto activated carbon by linear and non-linear regression methods Mohammad Mehdi Salarirad and Ali Behnamfard
C049	Investigation of Microalgae for High Lipid Content using Palm Oil Mill Effluent (Pome) as Carbon Source Erisa Viony Putri, Mohd Fadhil Md Din, Zubair Ahmed, Haryati Jamaluddin and Shreeshivadasan Chelliapan
C050	Removal of Zn(II), Cu(II), Chemical Oxygen Demand (COD) and Colour from Anaerobically Treated Palm Oil Mill Effluent (POME) using Microwave Incinerated Rice Husk Ash (MIRHA) S.R.M. Kutty, S.N.I. Ngatenah, N.A. Johan and K.A.C. Amat
C051	EFFECT OF KASUWAN LAUSHI SUPER MARKET ON SURROUNDING RESIDENTIAL ACCOMMODATIONS IN BAUCHI METROPOLIS, NIGERIA Aliyu Ahmad Aliyu, Rozilah Kasim and David Martin
C055	Removal of Ammonia-Nitrogen (NH <sub>3</sub> -N) and Nitrate (NO <sub>3</sub> <sup>-</sup> ) by Modified Conventional Activated-Sludge System to Meet New D.O.E Regulations S.R.M. Kutty, M.H. Isa and L.C. Leong
C058	Environmental management system focus on Malaysia's Langkawi Geopark Elmira Shamsiry, Behzad Nadi, Mazlin Bin Mokhtar, Ibrahim Komoo, Halimaton Saadiah Hashim and Nadzri Yahya
C059	A Review on Recycled Expanded Polystyrene Waste as Potential Thermal Reduction in Building Materials Eeydzah Aminudin, Mohd Fadhil Md Din, Zurina Mohamad, Zainura Zainun Noor, Kenzo Iwao
C060	GreenEdge Sustainability for Manufacturing-An HCL Point of View Sudipta Mukherjee and Sanjay Mukherjee
C10006	A Literature Review on the Composting Saleh Ali Tweib, Rakmi Abd Rahman and Mohd Sahaid Kalil.
C10011	Magnetic Force as Drag Reduction Enhancer in Pipeline Transportation: An Experimental Approach Hayder A. Abdul Bari and Yue Kim Kor
C10013	Operational Start-Up Performance of an Innovative Anaerobic Stage Reactor (ASR) using Synthetic Wastewater

Rosnani Alkarimiah, Siti Baizura Mahat, Ali Yuzir, Mohd. Fadhil Md. Din and Shreeshivadasan Chelliapan
--

10: 30 - 10: 40	Coffee Break
-----------------	--------------

### Moring, June 19, 2011 (Sunday)

SESSION – 4 ( ICBET)

Venue: Break-out Room ( Level 2)

Session Chair: Anh Dinh

Time: 10:40 – 12:30

T040	Development of Doxorubicin - Core Shell Chitosan Nanoparticles to Treat Cancer Parichart Naruphontjirakul and Kwanchanok Viravaidya-Pasuwat
T041	MACHINE TRANSLATION FROM ENGLISH TO ARABIC Mouiad Alawneh , Nazlia Omar and Tengku Mohd Sembok
T042	Real-time monitoring Glucose by used Microwave Antenna apply to Biosensor Sujitra Wiwatwithaya, Pattarapong Phasukkit, Supan Tungjitkusolmun, Manas Sangworasilp and Chuchart Pintuviroj
T044	3D Finite Element Analysis for non-Asymmetry structure Antenna for Microwave Ablation Therapy Sarawut Maneejamrat, Pattarapong Phasukkit, Petch Nantivatana, Supan Tungjitkusolmun and Manas Sangworasilp
T046	Quantitative Determination of Free Radical Scavenging, Antitumor and Antimicrobial Activities of Some Myanmar Herbal Plants Myat Myat Mon, Saw Sandar Maw, Zaw Khine Oo
T10009	General morphological characteristics of the Sepia Pharaonis (cephalopoda) from Persian gulf ,Bushehr region Akram Tehranifard , Katayoun Dastan
T10015	Conception and Development of a Health Care Risk Management System Nesrine Zoghalmi, Slim Hammadi
T20007	Next Generation Identity Verification Based on Face-Gait Biometrics S.M.E. Hossain, G. Chetty
T20008	Ultrasound Propagation Speed of Polymer Gel Mimicked Human Soft Tissue in 23 days Nur Shakila Othman, Muhamad Suhaimi Jaafar, Azhar Abdul Rahman, Ernee Sazlinayati Othman and Aifa Afirah Rozlan
T20009	Cardiotocography Trace Pattern Evaluation Using MATLAB Program Shahad. N. Al-Yousif, M.A. Mohd. Ali
T30007	Dynamic Drug Combination Response on Pathogenic Mutations of Staphylococcus aureus Bhone Myint Kyaw, Shuchi arora, Win Mar Soe, Jayaraman Premkumar, Chu Sing Lim
T30008	Studies on the Sorption Behavior of Dyes on Cross-linked Chitosan Beads in Acid Medium Thein Thein Kyaw, Khine Sandar Wint and Kyaw Myo Naing

T30009	Study of Indentation Response of Functional Graded Al <sub>2</sub> TiO <sub>5</sub> - Based Bioceramics Zeya Oo, Alexander Gorin and It-Meng Low
--------	---

12: 30 - 13: 30	Lunch Break
-----------------	-------------

### Afternoon, June 19, 2011 (Sunday)

#### SESSION – 5 ( ICEII)

Venue: Break-out Room ( Level 2)

Session Chair: Hsi-Jien Chen

Time: 13:30 – 15:30

C10014	Introducing a Holothorian sea cucumber species Stichopus hermanni form Kish island in the Persian Gulf in IRAN Akram Tehranifard, Shahrbanoo Oryan and Gholamhossin Vosoghi
C10015	Urban Corridor Noise Pollution: A case study of Surat city, India Bhaven Tandel, Dr. Joel Macwan and Pratik N. Ruparel
C10017	Relative Humidity and Mean Monthly Temperature Forecasts in Ahwaz Station with ARIMA Model in time Series Analysis Amirpouya Sarraf, Seyed Farnood Vahdat, Azita Behbahaninia
C10019	Qualitative Priority of Pollutants in Taleghan Catchment Using Analytical Hierarchy Process Mohammad Reza Mohammad Shafiee, Fatemeh Ghanbari, Farham Amin Sharee, Hadi Salehi
C10021	Prediction of monthly mean Inflow to Dez Dam reservoir using time series models (Box-jenkins) Seyed Farnood Vahdat, Amirpouya Sarraf, Amir Shamsnia, Naeem shahidi
C10024	An overview of Micellar – Enhanced Ultrafiltration in Wastewater Treatment Process Puasa S.W, Ruzitah M.S and Sharifah A.S.A.K
C10027	Monitoring of Wave with sound using Sensor in Sea Environment M.umadevi and Dr. S.Srinivasalu
C10029	Sorption Equilibrium and Kinetics of Oil from Aqueous Solution Using Banana Pseudostem Fibers Nurul Izza Husin, Nor Aimi Abdul Wahab, Norain Isa and Rozan Boudville
C10031	Power Generation Roof Ventilator I.Daut, C.Shatri, M.Irwanto, A.N.Syafawati, S.S.Shema
C10032	Performance of Photovoltaic and Wind Hybrid Inverter I.Daut, M.I. Fahmi, M. Irwanto, C. Shatri, M. Adzrie
C10033	Relationships among the Antecedents of Behaviour Intention towards Environmentally Friendly Restaurants: A Causal Model Booi-Chen Tan and Peik-Foong Yeap
C20013	Comparative Evaluation of Short Term Organic Carbon Sequestration under Different Nutrient Managements during Cropping Cycles on a Ferric Acrisol in Ghana Vincent Logah, Francis K.M. Tetteh, Ebenezer Y. Safo, Charles Quansah and Isaac Danso

15: 30 - 15: 50

Coffee Break

**Afternoon, June 19, 2011 (Sunday)**

SESSION – 6 ( ICEII)

Venue: Break-out Room ( Level 2)

Session Chair: Saji Baby

Time: 15:50 – 18: 30

C20014	Effect of Growth Regulators on Direct Regeneration of Potato M. M. H. Molla, K. M. Nasiruddin, M. Al-Amin, D. Khanam and M.A. Salam
C20015	Private Sector Engagement in Environmental Outreach Projects in Thailand Walker Young
C20018 SC	Screening, isolation and characterization of cellulose biotransformation bacteria from specific soils Hsi-Jien Chen, Han-Ja Chang, Chahhao Fan, Wen-Hsin Chen, Meng-Shiou Lee
C20020	Modelling the Viscoelasticity of Porous Ceramics Saiful Azmi Husain
C20024	Performance Characterization of the Hydrophilic SiO <sub>2</sub> /TiO <sub>2</sub> Double Layers Using a Sol-gel Dip Coating Method for Automotive Glass Applications Muhammad Zahiruddin Bin Ramli , Nur Fadzeelah Abu Kassim and Nurulhuda Amri
C20029	Effect of cyanide potassium on sorghum and wheat germination DanielAbadikhahdehAli, GholamRezaZarei
C30027	Investigation of effect of priming with respiratory inhibitors On Nasturtium officinale DanielAbadikhahdehAli, Ghasem MohammadiNejad
C20039	A Study on Recycling of CRT Glass Waste Yong-Chil Seo, Sung-Jin Cho, Jang-Su Lee, Bo-Saeng Kim and Changho Oh
C30007	HOT & HUMID CLIMATE AIR FLOW STUDY AND AFFECT OF STACK VENTILATION IN RESIDENTIAL BUILDING Ali tighnavard balasbaneh1, ABDUL KADIR BIN MARSONO2
C30017	Vegetation Analysis of Mt. Maculot, Cuenca, Batangas, Philippines Jethro Arsenio, Melanie Medecilo, Edna Mercado, Esteban Salibay, Jr. and Felinore Angelica Valera
C30018	Community-based Assessment on the Plant Resource Utilization of Mt. Maculot, Cuenca, Batangas, Philippines Jethro Arsenio, Melanie Medecilo, Edna Mercado, Esteban Salibay, Jr. and Felinore Angelica Valera
C30023	Prediction of the Weekly Mean Discharge into Reservoir of Doroudzan Dam Using HEC-HMS Model and its Comparison with Observed Data (1992-2001) Ali Liaghat, Seyed Amir Shamsnia, Naeem Shahidi, Amirpouya Sarraf
C30028	Modeling of Weather Parameters Using Stochastic Methods (ARIMA Model) (Case Study: Abadeh Region, Iran) Seyed Amir Shamsnia, Naeem Shahidi, Ali Liaghat, Amirpouya Sarraf, Seyed Farnood Vahdat



**Dinner Venue: Dining Hall ( Level 1)**

<b>June 19, 2011, 19: 00</b>	<b>Dinner and Closing Ceremony</b>
------------------------------	------------------------------------

## **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 15 Minutes of Presentation 5 Minutes of Q&A

Keynote Speech: 30 Minutes of Presentation 5 Minutes of Q&A

## **MINES WELLNESS HOTEL**

**(Formerly known as Palace Beach and Spa)**



Perched along the man-made sandy beach amid stunningly landscaped tropical garden, the newly renamed and restyled Palace Beach and Spa in MINES Resort City is one of Kuala Lumpur's best kept secrets - a perfect escape from the hectic city life, yet only 20 minutes drive from Kuala Lumpur's City Centre.

Palace Beach and Spa – with its one-of-a-kind Asian architecture, rich wooden beams and panels carved with Malaysian motifs, enchanting artifacts and tasteful furnishing, is a resort hotel catering to both business and leisure clientele who are looking for a relaxing getaway in the city.



The resort hotel has her beautiful landscapes and a fully sand-bedded swimming lagoon set amidst verdant greenery. Having delightfully designed on the breathtaking shore of the spectacular 150-acre lake, Palace Beach and Spa offers wide variety of water sport activities.

It is adjacent to MINEs Resort & Golf Club, MINEs Shopping Fair, MINEs Wonderland Theme Park and MIECC, making your excursion a lot easier and convenient!



**Room Accommodation ([Reservation Form](#))**

**Single Room: RM260.00 nett**

**Double Room: RM280.00 nett**

For More Information, Please Contact Us:

**Saiful Anwar**

**Sales Executive**

**MINES WELLNESS HOTEL**

**(Formerly known as Palace Beach and Spa)**

**Jalan Dulang, MINES Resort City,**

**43300 Seri Kembangan,**

**Selangor Darul Ehsan.**

**Tel: +603-8943 6688 ext 1890**

**Fax: +603-8944 3399**

**Mobile: +019 600 1667**

**Email: [saiful@mwh.com.my](mailto:saiful@mwh.com.my)**

**Website: [www.mineswellnesshotel.com.my](http://www.mineswellnesshotel.com.my)**

**MINES Beach Resort Bhd (244227-A)**