

2010 APCBEES HONG KONG CONFERENCES SCHEDULE

2010 International Conference on Nanotechnology and Biosensors (ICNB 2010)
2010 International Conference on Biology, Environment and Chemistry (ICBEC 2010)

Hong Kong, China

Main Hall of Harbour Plaza Resort City

December 28 - 30, 2010

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Dec. 28, 2010 (Tuesday)**Main Hall of Harbour Plaza Resort City**

10: 00 - 17: 00	Arrival and Registration
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Note: (1) You can also register at any time during the conference.

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

Morning, Dec. 29, 2010 (Wednesday)

Venue: Room 1

8: 45 - 09: 00	Opening Remarks Mr. Saji Baby Wataniya Environmental Services, Kuwait
9: 00 - 9:45	Keynote Speech I Ioana Demetrescu University Politehnica Bucharest, Romania “Size Dependent Bioperformance of TiO ₂ Nanotubes”
9: 45 - 10:30	Keynote Speech II Richard Haynes The University of Queensland, Australia “Bioremediation: engineering the soil-groundwater system to promote bidegradation of anthropogenic organic contaminants”
10: 30 - 11: 00	Taking Photo & Coffee Break
11: 00 - 12: 00	Keynote Speech III Mr. Saji Baby Wataniya Environmental Services, Kuwait “Ecological Baseline and Impact Studies for Sustained Marine Dredging and Disposal”

12: 00 - 13: 30	Lunch Break
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Afternoon, Dec. 29, 2010 (Wednesday)

SESSION – 1 (ICNB)

Venue: Conference Room 1

Session Chair: Ioana Demetrescu

Time: 13:30 – 15:30

Y00004	Cortisone Acetate Nano-particles Formation by Rapid Expansion of a Supercritical Solution in to a Liquid Solvent (Resolve Method): An operational Condition Optimization Study Fatemeh. Zabihi, Maryam Otadi and Mehrdad Mirzajanzadeh
Y00005	Preparation of large scale electrical conductive composite film with aligned carbon nanotubes using AC electric field Wei Sun, Hironari Tomita, Shinya Hasegawa, Michihiko Nakano and Junya Suehiro

Y00007	Oesophageal Electronic Stethoscope Nithyaa Vasan, Subhashree Rajan and D.Sujitha
Y00010	Evaluation of Mechanical and Morphological Behavior of Polypropylene/Wood Fiber Nanocomposite Prepared by Melts Compounding Hassan Ziaei Tabari, Amir Nourbakhsh, Reza Hosseinpour Pia and Mohamad Amin Danesh
Y00012	Amperometric Biosensor: Increased Sensitivity Using Enzyme Nanoparticles Shikha Sharma, Aditi Shrivastav, Nidhi Gupta and Sudha Srivastava
Y00016	Synthesis and Characterization of Nano-encapsulated Drug Delivery System for Bone Loss Qingwen Ni, Hong Dixon and Yi-Xian Qin
Y00018	A Strain Positioning System using Carbon nanotube Flexible Sensors For Structural Health Monitoring Jin-Ho Kim, Inpil Kang, Jong min Kim and Ju Young Cha
Y00020	A Simple and Sensitive Detection of OmpA Protein from Escherichia Coli by Quartz Crystal Microbalance Jung-Chih Chen, S. Sadhasivam, Feng-Huei Lin, Yi-Yuan Yang and Chi-Hsin Lee
Y00022	d-d Transition and Electrical Transport in Single Co:ZnO Nanorod C.-S. Wen and Kien Wen Sun
Y00023	Preparation of Silver Nanoparticle with Different Particle Sizes for Low-Temperature Sintering Steve Lien-Chung Hsu and Rong-Tarng Wu
Y00025	Synthesis of silver nanoparticles array and application of their Localized Surface Plasmon Resonance in biosensor design T Ghodselahi, T Neishaboory nejad, M A Vesaghi, S Arsalani, K Zand Salimi and H Mobasheri
Y00027	Study on Novel Porous Nasal Scaffold Using Injection Molding and Particle Leaching Jeou-Long Lee, Ching-Yuan Bai, Yung-Kang Shen and Jia-Hsiang Hung
Y00028	The Nano-topology Influence of Osteoblast-like Cell on the Bio-Nanostructure Thin Film by Nanoimprint Jeou-Long Lee, Yi Lin, Yung Kang Shen and Wei Ren Chen
Y00032	Interactions of Ethanethiol with Defective Graphene: First-principle Calculations Xian Qin, Qingyuan Meng and Wei Zhao

15: 30 - 15: 40

Coffee Break

Afternoon, Dec. 29, 2010 (Wednesday)

SESSION – 2 (ICBEC)

Venue: Conference Room 1

Session Chair: Mojca Kokot Krajnc

Time: 15:40 – 18:00

B001	Electrospray Ionization Mass Spectrometry of Surfactant - Metal Ions Attachment: Sensitivity and in-Source Fragmentation Khaled Edbey
B007	Tritium in the Water Environment of Baltic Sea basin

	Marianna Kulkova and Alena Davidochkina
B011 Poster	Decomposition characteristics of acetaldehyde using advanced oxidation technology Youn-Suk Son, Jo-Chun Kim, Jang Seung Choi, Sang-Hun Lee and Jun Hyung Park
B013	Computational Fluid Dynamics of Mixing in Aerated Bioreactors Emily Liew Wan Teng, Perumal Kumar and Yudi Samyudia
B016	Unsustainability Bill Gaede
B017	Nonlinear Model-Based Control of Non-Ideally Mixed Fermentation Processes Emily Liew Wan Teng and Yudi Samyudia
B020 poster	Factors and by-products from degradation of trimethylamine using electron beam irradiation Jo-Chun Kim, Junghwan Kim, Pillheon Kim, Youn-Suk Son and Sang-Hun Lee
B021	Ecological Geochemical Investigations of the Contents of Heavy Metals in the Snow Cover in the Saint-Petersburg Region with Application of GIS Technologies Zarina L.M., Lebedev S.V. and Nesterov E.M.
B024	ECOREMEDIATIONS – NATURAL TECHNOLOGIES FOR SUSTAINABLE CITIES MOJCA KOKOT KRAJNC, DDR. ANA VOVK KORŽE and NINA GLOBOVNIK
B026	Design of an Electrohydrodynamics Micropump for Microelectronics Cooling Andrew R.H. Rigit and M.C. Chiong
B030	Topological Cycle Indices for Some Nano-structures N. Ghafooriadl and Sh. A. Safarisabet and A. Moghani
B033	Tea Land Degradation in Rwanda: Case study of Gicumbi District MUPENZI Jean de la Paix, Li Lanhai1, Jiwen Ge, Gabriel Habiyaremye, Tanga L .Nadege and Nzayisenga Theoneste
B034	Cadmium Stress Response in Catharanthus Roseus leaves through Proteomic Approach S.Pradeep Kumar, P.Arun Mozhi Varman and B.D. Ranjitha Kumari
B037	Environmental Assessment of Land Use Planning Based on Remote-sensing Technique and Geographic Information System in ZouCheng County CHEN Longgao, YANG Xiaoyan and CHEN Longqian
B041	Influence of Germination Conditions on Starch, Physicochemical Properties, and Microscopic Structure of Rice Flour Anuchita Moongngarm
B043	Influence of Degree of Milling on Chemical Compositions and Physicochemical Properties of Jasmine Rice Lalita Payakapol, Anuchita Moongngarm, Natcha Daomukda and Angkana Noisuwan
B045	Impact of CO ₂ Injection in Deep Saline Aquifers: Study on Pressure Response in Stratified Formation of Qianjiang Depression Area, China Telesphore Kabera and Yilian Li
B049	Application of Microbial Fuel Cell for the Monitoring and Control of Sulfur-Related Odor Generation Hyeong-Sik Min and Han S. Kim

Morning, Dec. 30, 2010 (Thursday)

SESSION – 3 (ICNB)

Venue: Conference Room 1

Session Chair:

Time: 9:00 – 10: 30

Y00040	Micro Needle Array Fabrication for Drug Delivery and Drug Delivery Evaluation Test Using Optical Inspection Module Hye-Jin Lee, HaeYong Jeon, Sung-Jun Park, Hyoung-Wook Lee and Sungmin Bae
Y10004	Modeling the Growth of ZnO Nanoclusters in Water Abdullah Alsunaidi
Y10005	Electronic Structure Calculation of Adsorbate Gas Molecules on a BN Nanolayer, a First Principle Study Mansoureh Pashangpour
Y10008	Microstructure and Mechanical Studies on Nano-sized Al ₂ O ₃ Particles Reinforced Aluminum Matrix Fabricated by Vortex Method Hossien Abdizadeh, Mohammad Amin Baghchesara, Ali Mazahery and Hamid Reza Baharvandi
Y10011 SC	Keratin Nanofibers as a Biomaterial Zhi-Cai Xing, Jiang Yuan, Won-Pyo Chae, Suk-Young Kim and Inn-Kyu Kang
Y10012	Transport Electron through a Quantum Wire by Side-Attached Asymmetric Quantum-Dot Chains A Rostami, S. Zabihi.A and H. Rasooli. S
Y20002	The Exhibition of Polyethylene Imine/DNA Coated with Oligonucleotides for Gene Delivery Yi-Chen Chung and Tai-Horng Young
Y20006	Aptamer-based Biosensors through Target-Induced Strand Release Renjun Pei
Y30002	Quantum Confinement Approach for the Self-Assembly Process of Peptide Nanostructures and Proteins Nadav Amdursky
Y30004	Deoxyribozyme-based Autonomous Molecular Spiders Controlled by Computing Logic Gates Renjun Pei and Steven K. Taylor
Y30005	The Nanoparticles for Combating Acne Vulgairs: <i>in-vitro</i> Efficacy of Lauric Acid-loaded PCL-PEG-PCL on <i>Propionbactrium</i> Acne Keng-Lun Chang , Chao-Hsuan Chen, Ming-Fa Hsieh, Chun-Ming Huang
Y30006	Biometric Fingerprint Transfer Using Ionic Liquid on Different Wetting Surfaces L.Yang, Thomas J. McCarthy and Alex G. Shard

10: 30 - 10: 40

Coffee Break

Morning, Dec. 30, 2010 (Thursday)

SESSION – 4 (ICBEC)

Venue: Conference Room 1

Session Chair: Hojeong Kang

Time: 10:40 – 12:10

B051	Removal of Phenol using Horseradish Peroxidase Immobilized in the Nano-scale Porous Structural Material Hyo Jun Kim and Han S. Kim
B057	OPTIMIZATION OF MUNICIPAL SOLID WASTE MANAGEMENT Elmira Shamshiry , Behzad Nadi and Ahmad Rodzi Mahmud
B067	Different Apoptotic Responses to Plasmodium Chabaudi Malaria in Spleen and Liver Saad Alkahtani
B068	Alkylation of Ethylene with Zeolite Beta Borje Gevert, Talut Ahmad and Shanmugam Palanisamy
B070	Spectroscopy Method for Determination of Thorium with Azocalixarene Tran Quang Hieu, Nguyen Ngoc Tuan and Le Van Tan
B071	An Evolutionary-Based Comparative Approach for Optimizing Neuro-Fuzzy System to Reduce Speckle Noise in Breast Sonograms Alamelumangai N and Devishree J
B072	Rapid Detection of Klebsiella Pneumoniae by Capsular Polysaccharide Antigen Archana Singh Sikarwar
B074	Microbial Enzyme Activities in Tropical Marsh Soils with Different Water Regime Hojeong Kang, Seunghoon Lee and Jihyung Park
B076	Using Fuzzy Theory and Principal Component Analysis for Water Shortage Risk Assessment in Beijing, China Liyun Yang, An Li and Hao Bai
B077	Pyrolytic Carbons from Acid/base-Treated Rice Husk as Lithium-Insertion Anode Materials George Ting-Kuo Fey, Yung-Da Cho, Chung-Lai Chen, T. Prem Kumar and Kai-Pin Huang
B078	Effects of Temperature Increase on Earthquake Frequency and Depth in Northern Pakistan Muhammad Usman, Muhammad Zafar and Najeed Ahmad Amir
B080 Poster	Survival of Probiotic and Antioxidant Activity on Health Beverage from Fermented Purple Rice Supplemented with Probiotic
B10031 Poster	Combination of Indexing System Method with Analytical Hierarchy Process to Assess the Environmental Risks in Gas-transfer Pipe Lines Sahar Rezaian and Seyed Ali Jozi
B081	A Study on Effectiveness of Ecologic Protection Techniques along Desert Route Chen Ai-xia
B082	Photovoltaic Performance of a Novel TiO ₂ Electrode Consisting of a Mesoporous TiO ₂ Layer and a Compact TiO ₂ Blocking Layer for Dye-Sensitized Solar Cells Hyun-Joong Kim, Sung Yong Park and Seung-Yeop Kwak
B083	Antibacterial Metal-Fiber Hybrid with Covalent Assembly of Silver and Palladium Nanoparticles on Cellulose Fibers Sung Yong Park, Su-Yeol Ryu and Seung-Yeop Kwak
B087	Waste Gas Emission Analysis of China in 2007 JING LIU, Katsuya NAGATA and Hiroshi ONODA

12: 20 - 13: 30

Lunch Break

Afternoon, Aug. 3, 2010 (Tuesday)

SESSION – 5 (ICBEC)

Venue: Conference Room 1

Session Chair: Richard Haynes

Time: 13:30 – 15:30

B084	The Earth Refrigerators as Earth Architecture Hamed Niroumand, M.F.M. Zain and Maslina Jamil
B093	Study on the Treatment of Wastewater in Tunneling with Joint Use of Cement and Aluminum Sulfate Liu Shan, Zhu Wei, Liu ping and Xu feng
B094	Bridge Architecture in Malaysia Hamed Niroumand, M.F.M Zain and Maslina Jamil
B095	AN ULTRASOUND IMAGE PREPROCESSING SYSTEM USING MEMETIC ANFIS METHOD Alamelumangai N and Devishree J
B096	Study on the Characteristics of Quality of Wastewater in Highway Tunnel Construction Liu Shan, Xu Feng, Liu Ping and Gui Haoyao
B10013	Environmental Mineralogy Dr .Soheila_Khoshnevis Yazdi. and Dr.Bahram Shakouri
B10014	EVERY SPEED BREAKER IS NOW A SOURCE OF POWER ASWATHAMAN.V and PRIYADHARSHINI.M
B10015	Development of Bioethanol Production from Canna (Canna Edulis Ker.) Rhizome Dewi, K., W. Trisunaryanti and E.S. Soetarto
B10020	Floristic Diversity in Most Dry and Environmentally Disturbed Areas of Northern Togo Folega Fousseni, Zhang Chun Yu, Wala Kperkouma, Zhao Xiu Hai and Akpagana Koffi
B10027	Functional Analysis of a Gene Encoding Anthranilate Phosphoribosyl Transferase from Rice Md. Shafiqul Islam Sikdar and Jung-Sup Kim
B10028	The Climate Change and Marine Biodiversity Dr.Bahram Shakour and Dr .soheila_khoshnevis Yazdi
B10033	The Comparison of In Vitro Digestibility of Wheat Straw by Rumen Microorganism of Khuzestani Buffalo and Hostein Cow In Vitro Digestibility by Khuzestani Buffalo Jabbari, S. Eslami, M. Chaji, M. Mohammadabadi and T. and Bojarpour
B10036	Mapping of natural antimutagenic chemotherapeutic drug targets on breast cancer network using System biology approach Abhilasha singh, Amrendar Kumar, Biplab Bhattacharjee
B20006	Activated Carbon (AC) Containing Transition Metal Oxides (MeOx) in Phenol Adsorption and Catalytic Oxidation of Adsorbed Phenol by Hydrogen Peroxide. LE MINH CAM, TRAN VAN HUNG, NGUYEN THI THU, LE VAN KHU, NGUYEN HUU PHU
B20007	Green Technology for Disaster Risk Reduction Rawshan Ara Begum, Ibrahim Komoo and Joy Jacqueline Pereira
B20017	A Facile Seed-Mediated Route to Au Nanoplates for SERS Application Wei-Hao Lin and Yung-Jung Hsu

B20021	Heating Value Enhancement of Fuel Pellets from Frond of Oil Palm Krittiporn Trangkprasith and Orathai Chavalparit
B20023	Effect of Carbon Sources and Carbon/Nitrogen Ratio on Nitrate Removal in Aquaculture Denitrification Tank Cholticha Playchoom, Wiboonluk Pungrasmi and Sorawit Powtongsook

15: 30 - 15: 40	Coffee Break
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Afternoon, Dec. 30, 2010 (Thursday)

SESSION – 6 (ICBEC)
Venue: Conference Room 1
Session Chair: Jedol Dayou
Time: 15:40 – 18:00

B20027	Entropy Approach for Bioacoustics Signal Analysis of Repetitive Note Jedol Dayou, Ng Chee Han, Ho Chong Mun, Abdul Hamid Ahmad, Sithi V. Muniandy and Mohd. Noh Dalimin
B20028	Application of Bowen Ratio Method for Estimating Fluxes of Sulfate and Nitrate Aerosols Kan Khoomsab and Pojanie Khummongkol
B20029	Characteristics of the Gene Encoding Pyrroline-5-Carboxylate Synthase (P5CS) in Vietnam Soybean Cultivars (Glycine max L. Merrill) Chu Hoang Mau, Nguyen Thi Thuy Huong, Chu Hoang Lan, Nguyen Tuan Anh And Le Van Son and Chu Hoang Ha
B20030	IMPLEMENTATION OF ENVIRONMENTAL EDUCATION: A CASE STUDY OF MALAYSIAN AND NIGERIAN SECONDARY SCHOOLS Akinnuoye Modupe Agnes and Abd Rahim Md Nor
B20031	Tagging and Validation of SSR markers to Salinity Tolerance QTLs in Rice (<i>Oryza</i> spp). Aliyu R, Adamu AK, Muazu S, Alonge SO and Gregorio GB
B30004	Performance of an Up-flow Anaerobic Packed Bed Reactor System Treating Pharmaceutical Wastewater SHREESHIVADASAN CHELLIAPAN and PAUL J. SALLIS
B30005	Application of Electrophilic Coupling Reaction as a Novel Spectrophotometric Methods for the Determination of Manganese Masoumeh Moghimi, Akheel Ahmed Syed, Riyad Ahmed al-okab and Mohammad Ramezani Taghartapeh
B30014	An Analysis of the Growth of Fire-Damaged <i>Pinus koraiensis</i> Trees in a Northern Temperate Forest Lushuang Gao, Chunyu Zhang, Xiuhai Zhao and Klaus v. Gadow
B30019	Characterization of the GmDREB5 Gene Isolated from the Soybean Cultivar Xanh Tiendai, Vietnam Chu Hoang Lan, Nguyen Vu Thanh Thanh, Nguyen Tuan Anh, Nguyen Hiep Hoa and Chu Hoang Mau

B30027	Effects of Immobilization Time and pH Adjustment on the Immobilization of Nitrite-oxidizing Bacteria on Chitosan Duangcheewan Boonpuak, Wiboonluk Pungrasmi, Pranee Lertsutthiwong and Sorawit Powtongsook
B40002	Effects of Amino Acids and Irrigation Interrupted on Some Characteristics in Flixweld (Descurainia Sophia L.) Behzad Sani
B40006	An assessment of biodiversity in morphological traits of Muscovy ducks in Nigeria using discriminant analysis Yakubu and S. B. Ugbo
B40010	Effects of Impurities Ions on Zinc Electrowinning Process in Alkaline Leaching Guo-dong ZHAO and Qing Liu
B40011	The Current Status and Promotion of Chinese Corporate Social Responsibility Mei SUN, Katuya NAGATA and Hiroshi ONODA
B40014	Soil Acidity Ranking, Soil Sensitivity and Vulnerability to Acid Deposition in the Northeast Region of Thailand Rab Nawaz, Nitin Kumar Tripathi and Preeda Parkpian
B40017	Studies on Adiabatic Compressibilities of Some Saccharides in Aqueous Magnesium Chloride Solutions over Temperature Range (288.15 to 318.15) K Amanpreet K. Hundal, Parampaul K. Banipal and Tarlok S. Banipal
B40023	Investigations into Fumigant Effect of Commercially Produced Eucalyptus Oil and Eugenia Aromatica Dust against Callosobruchus Maculatus (Fabricius). Olusola Olatubosun Longe (PhD)
B054	An Investigation of VOCs in the near Environment of a Polluted River Der-Fong Juang, Wei-Chin Chen, Chao-Hsien Lee and Chung-Shin Yuan

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

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

Conference Secretariat Contact:

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Swimming Pool