

2012 APCBEES HONG KONG CONFERENCES SCHEDULE

Hong Kong

Regal Riverside Hotel

December 29-30, 2012

Sponsored and Published by



www.cbees.org

December 29, 2012 (Saturday)**Regal Riverside Hotel**

| | |
|-----------------|--------------------------|
| 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 December 30, 2012.

Morning, December 30, 2012 (Sunday)

Venue: Tai Po Room IV

| | |
|--------------|--|
| 08:15- 08:30 | Opening Remarks Prof. Byoung Ryong Jeong Department of Horticulture, College of Agriculture & Life Science, Gyeongsang National University, Korea |
| 08:30-09:10 | Keynote Speaker I Prof. Ioana Demetrescu University Politehnica Bucharest, Romania "Concepts in understanding the role of simulated body solution (SBF) environment in the behavior of metallic biomaterials" |
| 09:10–09:50 | Keynote Speaker II Prof. Sezai Ercisli Ataturk University Agricultural faculty Dept. Horticulture, Turkey "The measurements of plant biodiversity by morphological, biochemical and molecular methods: a sample, Camellia sinensis" |
| 09:50-10:30 | Taking Photo and Coffee Break |

Morning, December 23, 2012 (Sunday)

SESSION – 1 (JCCEA)

Venue: Tai Po Room IV

Session Chair: Eldin Wee Chuan Lim

Time: 10:30 – 12:00

| | |
|-------|--|
| CA403 | Investigation of Groundwater Quality near a Municipal Landfill Site (IGQMLS) Moradeyo Olabisi Odunlami |
| CA404 | Enrichment, Accumulation and Ecological Risk Evaluation of Cadmium in the Surface Sediments of Jen-Gen River Estuary, Taiwan Cheng-Di Dong, Chih-Feng Chen, Ming-Sheng Ko, Chiu-Wen Chen |
| CA405 | Mixed-Matrix Membrane for Humic Acid Removal: Influence of Different Types of TiO ₂ on Membrane Morphology and Performance |

| | |
|-------|--|
| | Yeit Haan Teow, B. S. Ooi, A. L. Ahmad and J. K. Lim |
| CA406 | Spray Drying of <i>Morinda citrifolia L.</i> and <i>Beta vulgaris L.</i> Fruit Extract and Its synergistic Effect Duduku Krishnaiah, Kong Bit Hiaw, Rosalam Sarbatly, S. M. Anisuzzaman, and Rajesh Nithyanandam |
| CA408 | Computer-Aided Integrated Design of Chemical Process for Diels-Alder Reaction Ekkaphong Sangla-Iad, Suksun Amornraksa, and Danan S. Wicaksono |
| CA412 | Numerical Simulation of Coal Gasification with CO ₂ Capture Based on Two-Dimensional Fluidized Bed Model Meng Meng Zhao, D. N. Saulov, M. J. Cleary and A. Y. Klimenko |
| CA418 | General Approach for Modelling of Reactive Transport in Porous Media D. N. Saulov, Meng Meng Zhao, M. J. Cleary, D. A. Klimenko, K. Hooman and A. Y. Klimenko |
| CA414 | Carbon Dioxide Removal in a Membrane Contactor – Selection of Absorptive Liquid/Membrane System Anna Witek-Krowiak, Anna Dawiec, Szymon Modelski, and Daria Podstawczyk |
| CA416 | Application of Discrete Fourier Series for Surrogate Modeling Eldin Wee Chuan Lim |

| | |
|---------------|-------|
| 12:30 – 13:30 | Lunch |
|---------------|-------|

Afternoon, December 30, 2012 (Sunday)

SESSION – 2 (ICBCC & ICECB)

Venue: Tai Po Room III

Session Chair: Ioana Demetrescu

Time: 13:30 – 14:30

| | |
|--------|---|
| B005 | Fabrication and Characterization of Titanium Dioxide-Based Sensitized Solar Cell Using Vinegar Alex N. Remegio, Jr., Victorino M. Laviste, Jomer H. Mejica |
| B30003 | Effects of Phragmites Invasion on Microbial Diversity and Enzyme Activities in a Brackish Marsh Hojeong Kang |
| B30004 | Effects of stream temperature warming due to dams and climatic change on native fish species, Dolly Varden (<i>Salvelinusmalma</i>), in Japan Yoshinori Taniguchi and Yoichi Kawaguchi |
| B20002 | Antibacterial activity of fruits of five rose species from Turkey on some food borne bacteria Medine Gulluce, Sezai Ercisli |
| B20003 | The comparison of wild growing and cultivated red raspberries by molecular and biochemical markers GulerayAgar, Metin Turan |
| E008 | Histopathology in the Digestive Gland of <i>Batissa violaceae</i> Lamark as a Biomarker of Pollution in the Catubig River, Northern Samar, Philippines |

| | |
|------|--|
| | Reiza Irinco-Salinas |
| E012 | Genetic diversity of <i>Botia superciliaris</i> populations in the upper reaches of the Yangtze River revealed by ISSR markers Hongyan Liu, Fei Xiong, Xinbin Duan, Daqing Chen |

Afternoon, December 30, 2012 (Sunday)

SESSION – 3 (ICECB)

Venue: Tai Po Room IV

Session Chair: Bogdan Zygmunt

Time: 13:30 – 14:30

| | |
|------|--|
| E016 | Silica Monolith Particles of Improved Separation Efficiency and Their Modification with Polystyrene by RAFT Polymerization Faiz Ali, Won Jo Cheong |
| E017 | Comparison of Hurdle treatment and Thermal treatment on Ascorbic Acid and Total phenolic content stored at different temperature Noriham Abdullah, Wan Saidatul Syida Wan Kamarudin, Zainal Samicho, Nurain Aziman and Khairusy Syakirah Zulkifli |
| E018 | Bio-hydrogen production using heat-treated landfill leachate sludge YM Wong, TY Wu, Adeline SY Ting, JC Juan |
| E019 | Simultaneous H ₂ production and treatment of starch wastewater in a combined up-flow anaerobic staged reactor followed by down-flow hanging sponge system Mahmoud Nasr, Ahmed Tawfik, Shinichi Ookawara, Masaaki Suzuki |
| E021 | Studies of a Sampling Method Partitioning the Gaseous and Particulate Phases of Phthalic Acid Ester in Indoor Air Melikizat Ablat, Shuji Fujii and Naoki Kagi |
| E023 | Isolation and partial characterization of water soluble polysaccharides from one saharian medicinal plant: <i>Plantago notata</i> Lagasca Zakaria Boual, Abdellah Kemassi, Aicha Hamid Oudjana, Mustapha Daddi Bouhoune, Aminata Ould El Hadj Khelil, Philippe Michaud and Mohammed Didi Ould El Hadj |
| E024 | Bioactive Phenolic Compounds and Antioxidant Activity of Selected Fruit Peels Khairusy Syakirah Zulkifli, Noriham Abdullah, Aminah Abdullah, Nurain Aziman and Wan Saidatul Syida Wan Kamarudin |
| E025 | In vitro Antimicrobial Activities of Aqueous and Ethanolic Aromatic Herbs Extracts Against Pathogenic Microorganism Nurain Aziamn, Noriham Abdullah, Zainon Mohd Noor, Wan Saidatul Syida Wan Kamarudin and Khairusy Syakirah Zulkifli |

14:30 – 15:00

Coffee Break

Afternoon, December 30, 2012 (Sunday)

SESSION – 4 (ICECB)

Venue: Tai Po Room III

Session Chair: Byoung Ryong Jeong

Time: 15:00 – 16:00

| | |
|-------|--|
| E029 | Assessment of Nutrients And Sediment Loading In A Tropical River System In Malaysia Nurul Ruhayu Mohd Rosli, Khairun Yahya |
| E041 | Cloud Dynamics using Fall Velocity and Nucleation Geometry of Clouds Narasimha Prasad LV, Prudhvi Kumar Reddy K and Naidu MM |
| E045 | Attenuation of radioactive Sr(II) from water environment using sericite clay D. Harikishore Kumar Reddy, Lalhmunsiamma, D. Tiwari, Hee-Jeong Choi, Seung-Mok Lee |
| E048 | Glucose 6-Phosphate Dehydrogenase Enzyme Deficiency Among Infants: An Eye Opener To Parents And Would Be Parents Liwayway H. Acero |
| E050 | Comparative Study on Thermal Conductivity Enhancement in Water Added MWCNTs Sung Seek Park, Nam Jin Kim |
| E057 | Identification of Rural Women's Priority Problems in Agricultural Production and The Effects of These Problems on Poverty; the Case Study Yaylacık Village of Konya in Turkey Cennet OGUZ |
| E1003 | Ring opening of decalin over zeolite-supported Ni-Co-Mo catalysts Gaya U.I., Jibril, B.Y. , Al-Wehaibi Y.M., Al-Hajri R.S., J.T. Naser |
| E1008 | Estimation of Climate change impacts on frequency of precipitation extremes Case study: Klang watershed, Malaysia Kabiri R, Ramani V and Chan A. |

Afternoon, December 30, 2012 (Sunday)

SESSION – 5 (ICECB)

Venue: Tai Po Room IV

Session Chair: Sezai Ercisli

Time: 15:00 – 16:00

| | |
|-------|--|
| E1010 | Antimicrobial activity of spermine alkaloids from <i>Samanea saman</i> against microbes associated with sick buildings Sundis M. Sahib Ajam, Baharuddin Salleh, Suleiman Al-Khalil and Shaida F. Sulaiman |
| E2006 | A survey of the ectoparasites and grazing habits of goats in Uli, Ihiala L.G.A, Anambra State Nigeria Orji, N. M; Onyechi, A.A; Obiorah, S.O; Ezeagwuna, D.A and Ezeigbo, E.U |
| E2009 | Transforming School of Humanities Universiti Sains Malaysia into an Example of a Best Management Practise in Water Demand Management Ngai Weng Chan |
| E2012 | The effects of salinity on gene expression of ion transporters in Gulf Killifish (<i>Fundulus grandis</i>) embryos Ying Guan, Yanling Meng, Fernando Galvez |
| E3001 | Novel Herbal Drug Delivery System (NHDDS): The need of hour Anju Dhiman, Arun Nanda, Sayeed Ahmad |
| E3004 | Changes in Periphyton Community In Response To Variable Copper Exposure Tan Chew Khun, Carolyn Oldham and Louis Evan |
| E3012 | Phytochemical and antimicrobial studies on the extracts from leaves of <i>Cajanus cajan</i> and |

| | |
|--------|--|
| | <i>Eucalyptus globules</i> Scholastica Obiorah, Emmanuel Eze, Damian Obiorah, Nkiru Orji and C. Umedum |
| F00018 | Comparative Analysis of Arginine Content of Three Commercially Available Baby Formula in the Philippines using Multiple Point Standard Addition Method Jeanne Genevive A. Pillejera, Anna Dominique C. Abergas, Angela Estrella M. Elio, Anne Feliza De Lara, Ma. Carla Q. Aleria |

December 30, 2012, 16:00

Dinner and Closing Ceremony

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)

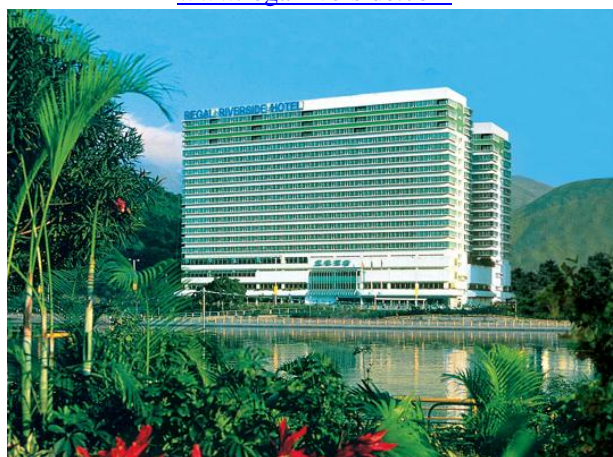
Duration of each Presentation (Tentatively):

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

Keynote Speech: 30 Minutes of Presentation 10 Minutes of Q&A

Regal Riverside Hotel

www.regalriverside.com





The hotel is located in greater Shatin, a suburb in the New Territories that boasts many parks and forested hills and benefits from cooler and cleaner air than downtown Hong Kong. Regal Riverside Hotel lies on the right side of Shing Mun River, an inlet of Tolo Harbor in the South China Sea, lined with mature trees and blossoming exotic vegetation.

Greater Shatin features places of interest such as the 10,000 Buddha Temple, the Hong Kong Heritage Museum and the Jockey Club, a famous horse racing arena, just to name a few. Another highlight is the cluster of mega malls with an immense variety of brand boutiques as well as a myriad of individually operated shops, dining and entertainment places.

The 1,138-room hotel operates routine shuttle services to the main MTR station within New Town Plaza. It takes some twenty-five minutes from that MTR station to reach either Central or Tsim Sha Tsui East, or Shenzhen in the Mainland.

Numerous favorably priced bus and mini bus operators stop right in front of the hotel. They go straight to Nathan Road, Central, Macau Ferry Terminal, Hong Kong Disney Land, Hong Kong International Airport, Ngong Pin 360, Ocean Park, Science Park, Chinese University of Hong Kong and many other places of interest.

Address: 34-36 Tai Chung Kiu Road, Shatin, Hong Kong

Telephone: (852) 2649 7878

Fax: (852) 2637 4748

Email: rrh.info@regalhotel.com

APCBEES CONFERENCE CHAIRS' INFORMATION



Ioana Demetrescu

University Politehnica Bucharest, Romania



Byoung Ryong Jeong

Department of Horticulture, College of Agriculture & Life Science,
Gyeongsang National University, Korea



Sezai Ercisli

Ataturk University Agricultural faculty Dept. Horticulture, Turkey



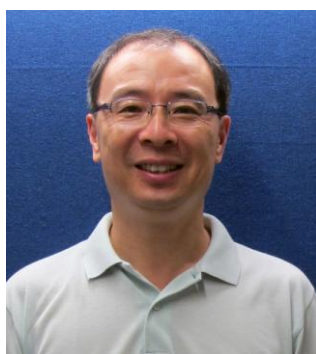
Bogdan Zygmunt

Gdańsk Univeristy of Technology, Poland



Saji Baby

Wataniya Environmental Services, Kuwait



L M CHU

The Chinese University of Hong Kong



Call for Papers

The 2013 3rd International Conference on Biomedical Engineering and Technology (ICBET 2013) is the premier forum for the presentation of technological advances and research results in the fields of Biomedical Engineering and Technology. ICBET 2013 will bring together leading engineers and scientists in Biomedical Engineering and Technology from around the world.

Topics of interest for submission include, but are not limited to:

Bioinformatics and Computational Biology

Protein structure, function and sequence analysis
Protein interactions, docking and function
Computational proteomics
DNA and RNA structure, function and sequence analysis
Gene regulation, expression, identification and network
Structural, functional and comparative genomics
Gene engineering and protein engineering
Computational evolutionary biology
Drug design and computer aided diagnosis
Data acquisition, normalization, analysis and visualization
Algorithms, models, software, and tools in Bioinformatics
Any novel approaches to bioinformatics problems

Biomedical Engineering

Biomedical imaging, image processing & visualization
Bioelectrical and neural engineering
Biomechanics and bio-transport
Methods and biology effects of NMR/CT/ECG technology
Biomedical devices, sensors, and artificial organs
Biochemical, cellular, molecular and tissue engineering
Biomedical robotics and mechanics
Rehabilitation engineering and clinical engineering
Health monitoring systems and wearable system
Bio-signal processing and analysis
Biometric and bio-measurement
Other topics related to biomedical engineering

Other Related Topics

Biostatistics
Biometric
Biomeasurement

Biomechanics
Biophysics
Biochemistry
Biomathematics
Bioengineering
System biology

Benefits of the Conference

Keep up-to-date on the latest advances in the field.

Present your research within a unique forum.

Collaborate with experts from around the world.

Submitted conference papers will be reviewed by technical committees of the Conference.

All ICBET 2013 papers will be published in the Journal of Medical and Bioengineering (JOMB, ISSN: 2301-3796), and all papers will be included in the Engineering & Technology Digital Library, and indexed by EBSCO, CrossRef, DOAJ, MELib, Index Copernicus, JournalSeek, Google Scholar, and sent to be reviewed by Ei Compendex and ISI Proceedings.

Important Date

| | |
|-------------------------------|-----------------------|
| Paper Submission (Full Paper) | Before March 15, 2013 |
| Notification of Acceptance | On April 5, 2013 |
| Final Paper Submission | Before April 20, 2013 |
| Authors' Registration | Before April 20, 2013 |
| ICBET 2013 Conference Dates | May 19-20, 2013 |

SUBMISSION METHODS:

1. [Electronic Submission System](#); (.pdf)

If you can't login the submission system, please try to submit through method 2.

2. Email: icbet@cbees.org (.pdf and .doc)



Call for Papers

The 2013 3rd International Conference on Environment and Industrial Innovation (ICEII 2013) is the premier forum for the presentation of technological advances and research results in the fields of Environment and Industrial Innovation. ICEII 2013 will bring together leading engineers and scientists in Environment and Industrial Innovation from around the world.

Topics of interest for submission include, but are not limited to:

Advanced Ceramic-porous ceramic
aerodynamics
application of Spatial technology
Catalysis and Environment
Environmental Biotechnology
Environment management
Environmental Chemistry
environmental engineering
Environmental Planning of Mines
Environmental Pollution Control
Fermentation Technology
Fermentation Technology
Industrial Environment
Industrial Microbiology
Industrial Microbiology
Industrial pollution
land resource utility
Pharmaceutical Technology
Renewable Energy
Wastewater Quality Modelling
Wind engineering

Benefits of the Conference

Keep up-to-date on the latest advances in the field.

Present your research within a unique forum.

Collaborate with experts from around the world.

Submitted conference papers will be reviewed by technical committees of the Conference.

ICEII 2013 papers will be published in the International Journal of Environmental Science and Development (IJESD, ISSN:2010-0264), and all papers will be included in the Engineering & Technology Digital Library, and indexed by EBSCO, WorldCat, Google Scholar, Cross ref and sent to be reviewed by Ei Compindex and ISI Proceedings.

Important Date

| | |
|-------------------------------|-----------------------|
| Paper Submission (Full Paper) | Before March 10, 2013 |
| Notification of Acceptance | On March 30, 2013 |
| Final Paper Submission | Before April 15, 2013 |
| Authors' Registration | Before April 15, 2013 |
| ICEII 2013 Conference Dates | May 19-20, 2013 |

SUBMISSION METHODS:

1. [Electronic Submission System](#); (.pdf)

If you can't login the submission system, please try to submit through method 2.

2. Email: iceii@cbees.org (.pdf and .doc)



Call for Papers

The 2013 4th International Conference on Food Engineering and Biotechnology (ICFEB 2013) is the premier forum for the presentation of technological advances and research results in the fields of Food Engineering and Biotechnology. ICFEB 2013 will bring together leading engineers and scientists in Food Engineering and Biotechnology from around the world.

Topics of interest for submission include, but are not limited to:

Microbiology

Microorganism technology

Bioremediation of polluted sites

Agricultural Biotechnology

Food Biotechnology

Environmental Biotechnology

Pharmaceutical Biotechnology

Industrial Biotechnology

Medical Biotechnology

Nano Biotechnology

Marine Biotechnology

Animal biotechnology

Plant biotechnology

Bioinformatics

Enzyme Engineering

RNA and DNA structure and sequencing

Gene regulation

Gene expression databases

Biomedical Computational drug discovery

Protein and gene delivery systems

Cell and tissue engineering

Artificial organs and implants

Bio-MEMS and microreactors

Medical and biological devices

Biosensors and molecular diagnostics

Drug screening and pharmaceutical synthesis

Biocatalysis, organocatalysis and nanobiotechnology

Biological and biomedical imaging

Biomimetic and self-assembled materials

Nanoparticles, nanocomposites, and nanoporous materials for bio-applications

Nanoparticle sequestration in biomolecules

Heat, mass transfer and fluid flow in food processing

Plant design using conceptual design techniques
 Food properties including thermal, chemical and mechanical properties
 Food microstructure development and characterization
 Food biotechnology
 Electronics and instrumentation in food industry
 Food engineering education
 Control and system engineering for food industry
 Heat, mass transfer and fluid flow in food processing
 Food microstructure development and characterization
 Mathematical modeling and software development for food processing purposes
 Application of artificial intelligence in food engineering research and in industry
 Food biotechnology
 Thermal processing
 Non-thermal food processing
 Separation and purification processes for food production
 Food engineering education
 Plant design using conceptual design techniques
 Mathematical modeling and software development for food processing purposes
 Other

Benefits of the Conference

Keep up-to-date on the latest advances in the field.
 Present your research within a unique forum.
 Collaborate with experts from around the world.
 Submitted conference papers will be reviewed by technical committees of the Conference.

ICFEB 2013 will be published in the Volume of Journal (IPCBEE, ISSN: 2010-4618), and all papers will be included in the Engineering & Technology Digital Library, and indexed by Ei Geobase(Elsevier), Ulrich's Periodicals Directory, EBSCO, CNKI, WorldCat, Google Scholar, Cross ref and sent to be reviewed by Ei Compendex and ISI Proceedings.

Important Date

| | |
|--------------------------------------|------------------------------|
| Paper Submission (Full Paper) | Before March 15, 2013 |
| Notification of Acceptance | On April 5, 2013 |
| Final Paper Submission | Before April 20, 2013 |
| Authors' Registration | Before April 20, 2013 |
| ICFEB 2013 Conference Dates | May 19-20, 2013 |

SUBMISSION METHODS:

1. [Electronic Submission System](#); (.pdf)

If you can't login the submission system, please try to submit through method 2.

2. Email: icfeb@cbees.org (.pdf and .doc)



Call for Papers

The 2013 2nd International Conference on Environment, Energy and Biotechnology (ICEEB 2013) is the premier forum for the presentation of technological advances and research results in the fields of Food Engineering and Biotechnology. ICEEB 2013 will bring together leading engineers and scientists in Environment, Energy and Biotechnology from around the world.

Topics of interest for submission include, but are not limited to:

Chemical, Environmental, and Process Engineering

Environmental engineering and sustainable development
Process design and optimization
Product innovation, development and economics
Process intensification
Nanotechnology
Sustainable & clean technologies
Environmental Science and Technology
Environmental dynamics
Physical oceanography
Global environmental change and ecosystems management
Environmental restoration and ecological engineering
Habitat reconstruction
Biodiversity conservation
Landscape degradation and restoration
Environmental sustainability
Renewable sources of energy-energy savings
Health related organisms
Biodegradation of hazardous substances
Toxicity assessment and epidemiological studies
Quality guidelines, environmental regulation and monitoring
Regulatory practice, water quality objectives standard setting, water quality classification
Public participation
Transboundary cooperation
Management and regulation of point and diffuse pollution
Monitoring and analysis of environmental contaminant
Wastewater and sludge treatment
Suspended and fixed film biological processes
Fate of hazardous substances
Advances in biological, physical and chemical processes

On site and small scale systems
Atmospheric modelling and numerical prediction
Interaction between pollutants
Optimization of collection systems
Technical aspects of treatment and disposal methods (landfilling, thermal treatment etc)
Leachate treatment
Advanced treatment of water and secondary effluents (membranes, adsorption, ion exchange, oxidation etc)
Management of water treatment residuals
Aesthetic quality of drinking water (taste, odors)
Effect of distribution systems on potable water quality
Reuse of reclaimed waters

Biochemical Engineering

Biotechnology
Product Engineering in the Bio Industries
Self-organisation in the Bio-sciences and elsewhere
Delivery of the final product
Biotechnology applied to production of new and better quality food
Cutting Edge Science for Future Animal Agriculture
Ecological Engineering
Emerging public concerns with animal agriculture
Emerging technologies in Agriculture and Livestock
Energy in agriculture
Environmental constraints to animal agriculture
Food Engineering and biotechnology
Food safety and Bio-process engineering
Food traceability and safety
GPS and GIS technologies
Industry Transformation - Case Studies
Livestock Biotechnology

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Present your research within a unique forum.
Collaborate with experts from around the world.
Submitted conference papers will be reviewed by technical committees of the Conference.

All ICEEB 2013 papers will be published in the Volume of Journal (IPCBEE, ISSN: 2010-4618), and all papers will be included in the Engineering & Technology Digital Library, and indexed by Ei Geobase(Elsevier), EBSCO, CNKI, WorldCat, Google Scholar, Cross ref and sent to be reviewed by Ei Compendex and ISI Proceedings.

About 10 selected papers from the registered ones, will be published in the International journal of Enviromental Science and Development (IJESD) free of charge.

Important Date

| | |
|-------------------------------|----------------------|
| Paper submission (Full Paper) | Before April 1, 2013 |
| Notification of acceptance | On April 20, 2013 |
| Authors' Registration | Before May 5, 2013 |
| Final paper submission | Before May 5, 2013 |
| ICEEB 2013 Conference Dates | June 8-9, 2013 |

SUBMISSION METHODS:

1. [Electronic Submission System](#); (.pdf)

If you can't login the submission system, please try to submit through method 2.

2. Email: iceeb@cbees.org. (.pdf and .doc)



Call for Papers

2013 2nd International Conference on Bioinformatics and Biomedical Science, ICBBS 2013 is the premier forum for the presentation of new advances and research results in the fields of theoretical, experimental, and applied Bioinformatics and Biomedical Science. The conference will bring together leading researchers, engineers and scientists in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Bioinformatics and Computational Biology

Protein structure, function and sequence analysis
Protein interactions, docking and function
Computational proteomics
DNA and RNA structure, function and sequence analysis
Gene regulation, expression, identification and network
Structural, functional and comparative genomics
Gene engineering and protein engineering
Computational evolutionary biology
Drug design and computer aided diagnosis
Data acquisition, normalization, analysis and visualization
Algorithms, models, software, and tools in Bioinformatics
Any novel approaches to bioinformatics problems

Biomedical Engineering

Biomedical imaging, image processing & visualization
Bioelectrical and neural engineering
Biomechanics and bio-transport
Methods and biology effects of NMR/CT/ECG technology
Biomedical devices, sensors, and artificial organs
Biochemical, cellular, molecular and tissue engineering
Biomedical robotics and mechanics
Rehabilitation engineering and clinical engineering
Health monitoring systems and wearable system
Bio-signal processing and analysis
Biometric and bio-measurement
Other topics related to biomedical engineering

Other Related Topics

Biological Systems and Models
Engineering Models in Bio-Medicine

Computer Assisted Intervention Systems
Medical Robotics
Nano-Medicine
Nano-Mechanisms for Molecular Systems
Nano-Bio-Computing
Biomedical & Biological Sensors
Cell Engineering
Molecular and Cellular Systems
Body\'s and Cell\'s Bio-signatures
Tissue Engineering
Neuro-Engineering
Biomedical Image Processing & Analysis
Microarray Technologies
Biomedical Data Engineering
Biomaterials
Bioengineering Applications for people with disabilities and the elderly

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All ICBBS 2013 papers will be published in the International Journal of Bioscience, Biochemistry and Bioinformatics (IJBBB, ISSN: 2010-3638), and all papers will be included in the Engineering & Technology Digital Library, and indexed by EBSCO, WorldCat, Google Scholar, Cross ref and sent to be reviewed by Ei Compendex and ISI Proceedings.

Important Date

| | |
|--------------------------------------|-----------------------------|
| Paper submission (Full Paper) | Before April 5, 2013 |
| Notification of acceptance | On April 25, 2013 |
| Authors' Registration | Before May 10, 2013 |
| Final paper submission | Before May 10, 2013 |
| ICBBS 2013 Conference Dates | June 8-9, 2013 |

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1. [Electronic Submission System](#); (.pdf)

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2. Email: icbbs@cbees.org. (.pdf and .doc)



Call for Papers

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Topics of interest for submission include, but are not limited to:

Chemical, Environmental, and Process Engineering

Environmental engineering and sustainable development
Process design and optimization
Product innovation, development and economics
Process intensification
New materials & structured products
Intelligent polymers
Green organic synthesis routes
Environmental engineering & management
Sustainable & clean technologies
SCF as solvent substitutes
Environmental Science and Technology
Environmental dynamics
Integrated ecosystems management
Satellite applications in the environment
Environmental restoration and ecological engineering
Biodiversity conservation
Environmental systems approach
Advances in biological, physical and chemical processes
On site and small scale systems
Storm-water management
Air pollution and control
Emission sources
Atmospheric modelling and numerical prediction
Control technologies
Waste valorization
Technical aspects of treatment and disposal methods (landfilling, thermal treatment etc)
Management of hazardous solid waste
Water treatment and reclamation

Advanced treatment of water and secondary effluents (membranes, adsorption, ion exchange, oxidation etc)
Effect of distribution systems on potable water quality
Reuse of reclaimed waters

Biochemical Engineering

Biotechnology
Product Engineering in the Bio Industries
Self-organisation in the Bio-sciences and elsewhere
Delivery of the final product
Biotechnology for Livestock, Pests and Aquaculture
Cutting Edge Science for Future Animal Agriculture
Food Engineering and biotechnology
Food safety and Bio-process engineering
Food traceability and safety
GPS and GIS technologies
Industry Transformation - Case Studies
Livestock Biotechnology

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Collaborate with experts from around the world.
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All ICCPE 2013 papers will be published in the International Journal of Chemical Engineering and Applications (IJCEA, ISSN:2010-0221), and all papers will be included in the Engineering & Technology Digital Library, and indexed by EBSCO, WorldCat, Google Scholar, Cross ref and sent to be reviewed by Ei Compendex and ISI Proceedings.

Important Date

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