

Conference Program

Singapore
January 19-21 , 2015

APCSSM

Asia-Pacific Conference on Social Sciences and Management

ICSPE

International Conference on Society, Psychology and Education

ICBENS

International Conference on Biological Engineering and Natural Sciences

ICEIT

International Conference on Engineering and Information Technology

APCSSM

Asia-Pacific Conference on Social Sciences and Management

ISBN 978-986-5654-12-2

ICSPE

International Conference on Society, Psychology and Education

ISBN 978-986-5654-15-3

ICBENS

International Conference on Biological Engineering and Natural Sciences

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ICEIT

International Conference on Engineering and Information Technology

ISBN 978-986-5654-11-5

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General Information for Conference Participants

Information and Registration

The Registration and Information Desk will be situated on the **1st floor** in the Meeting Center at **Hotel Fort Canning Singapore** during the following times:

Tuesday, January 20 (8:30-16:00)

Wednesday, January 21 (8:30-16:00)

Parallel Sessions

Parallel Sessions will run on January 20th and 21st. Oral Sessions are usually 90 minutes in length; each presenter has 15-20 minutes.

Presentations and Equipment

All presentation rooms are equipped with a screen, an LCD projector, and a laptop computer installed with Microsoft PowerPoint. You will be able to insert your USB flash drive into the computer and double check your file in PowerPoint. We recommend that you bring two copies the file in case of one fails. You may also link your own laptop to the provided projector, however please ensure you have the requisite connector.

A Polite Request to All Participants

Participants are requested to arrive in a timely fashion for all addresses, whether to their own, or to those of other presenters. Presenters are reminded that the time slots should be divided fairly and equally between the number of presentations, and that they should not overrun.

The session chair is asked to assume this timekeeping role and summarize clarify key important issues in each topic



Sandals or Slippers



Tank Top



Shorts

Poster Sessions & Poster Requirements


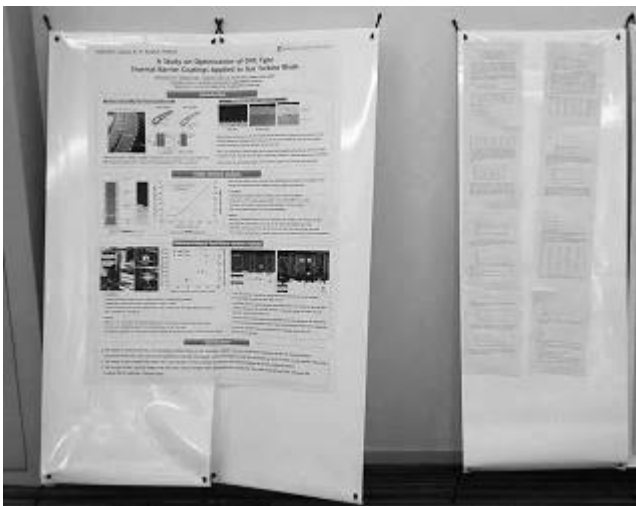
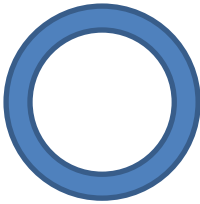

Materials Provided by the Conference Organizer:

1. X-frame display & Base Fabric Canvases (60cm×160cm)
2. Adhesive Tapes or Clamps



Materials Prepared by the Presenters:

1. Home-made Poster(s)
2. Material: not limited, can be posted on the canvases
3. Size: 60cm*160cm

	
<p>A 60cm*160cm Poster Illustrates the research findings.</p>	<ol style="list-style-type: none"> 1.Wider than 60cm (left) 2.Copy of PowerPoint Slides in A4 papers (right)
	

Conference Organization

APCSSM International Committee Board

Engku Mohammad Nazri Engku Abu Bakar, Northern University of Malaysia

Jamilah Hj Ahmad, Universiti Sains Malaysia

Kim Tong Won, Sungkyunkwan University

Deniss Tsi Chung Yeung, Department of Business, Wintec

Muhammad Akram Naseem, University of Lahore

Hong Liu, Nanyang Technological University

Zhou Zhen, Southampton Business School, Ningxia University

Grace Edmar Elizardel Prado, Western Visayas College of Science and Technology

ICSPE International Committee Board

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Adrian North, Curtin University
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Awam Amkpa, New York University
Bishnu Mohan Dash, University of Delhi
Cai Su, Beijing Normal University
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Geoffrey I. Nwaka, Abia State University
I Wayan Suyadnya, Brawijaya University
Laura B. Liu, Ed.D., Beijing Normal University's Center for Teacher Education Development
Leela Pradhan, Tribhuvan University Kathmandu
Lee Byung Hyuk, University of Seoul
Li-Ling Yang, Roger Williams University
Lee, Yang, Gyeongsang National University
Mahabbat Pernebaevna Ospanbaeva, Taraz State Pedagogical Institute
Khalachuchi Flores, Department of Social Work, Southwestern University
Md Abdul Jalil, Shahjalal University of Science & Technology
Mohamed Azmi Ahmad Hassali, Universiti Sains Malaysia
Napakorn Srichanyachon, Bangkok University
Özlem AVCI, Uşak University
Rajeshwari Nagaraj Kenchappanavar, Karnatak Arts College
Reyhan Bilgiç, Middle East Technical University
Rizwana Yousaf, University of Gujrat
Robert Evola, Université de Yaoundé
Sakina Riaz, University of Karachi
Subhan El Hafiz, Muhammadiyah University
Tirelo Modie-Moroka, University of Botswana
Ying Xing, China University of Political Science and Law
Young-Ok Kim, Chonnam National University

ICBENS International Committee Board

C H OH, Faculty of Science, National University of Singapore

Lim Koon Ong Pk, Universiti Sains Malaysia

Parin Chaivisuthangkura, Srinakharinwirot University

Zulkifli Hj. Shamsuddin, Universiti Putra Malaysia

Avinash C. Sharma, GGS Indraprastha University

E. Shaji, University of Kerala

A. M. Chandra, University of Calcutta

Chien-Cheng Chang, National Taiwan University

Stephen Redmond, The University of New South Wales

J. Gao, Department of Physics, The University of Hong Kong

P.K.Barhai, Birla Institute of Technology

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Mohd. Nasir Mohd. Desa, Universiti Putra Malaysia

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K. Padmakumar, Kerala University Campus

John Hearne, Royal Melbourne Institute of Technology

Hamed M. El-Shora, Mansoura University

Huabei Jiang, The University of Florida

ICEIT International Committee Board

Suryanarayana Doolla, Indian Institute of Technology Bombay

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Mridula Gupta, University of Delhi South Campus

Debnath Pal, Indian Institute of Science

Jayaraj. S, Anna University

Alok Barua, IIT Kharagpur

Thipparaju Rama Rao, SRM University

A. Rathinam, SRM University

R. Jegatheesan, SRM University

G. Vijaya Kumari, Jawaharlal Nehru Technological University

S.Viswanadha Raju, Jawaharlal Nehru Technological University

Ashok S, Indian Institute of Information Technology Design and Manufacturing Kancheepuram

P C Subramaniam, Indian Institute of Information Technology Design and Manufacturing
Kancheepuram

N Kumarappan, Annamalai University

K.Poulose Jacob, Cochin University of science and technology

Mounir Hamdi, Hong Kong University of Science and Technology

Chaodit Aswakul, Chulalongkorn University

Abdallah, Zahraa, Monash University

Alyani Ismail, Universiti Putra Malaysia

Lau Sei Ping, Universiti Malaysia Sarawak

Lekshmi.M, Visvesvaraya Technological University

Bahadur R P, IIT Kharagpur

P.G.Krishna Mohan, Jawaharlal Nehru Technological University

Jasrul Nizam Ghazali, MARA University of Technology

B. Kannan, Cochin University of science and technology

P. Sanjeevikumar, VIT University

P. Raviraj, Kalaingar Karunanidhi Institute of Technology

Special Thanks to Session Chairs

Yenny Purwati	<i>Satya Wacana Christian University</i>
Zhenhua Xie	<i>China Institute of Industrial Relations</i>
Khaled Almustafa	<i>Prince Sultan University</i>
Chris Durden	<i>James Cook University</i>
Mayura Soonwera	<i>King Mongkut's Institute of Technology Ladkrabang</i>
Supa Panusbordee	<i>Bangkok University</i>
David Phathabantu Ngidi	<i>Central University of Technology, Free State</i>
Hyomin Kang	<i>Kangwon National University</i>
Sungmi Park	<i>Dongseo University</i>
Sanggeun Song	<i>Soongsil University</i>
NaJia Abdulkhalig Al-Zanbagi	<i>King Abdulaziz University</i>

Conference Schedule

Monday, January 19, 2015

Executive Committee Meeting (Executive Committee Only)

Tuesday, January 20, 2015

Oral Sessions

Time	Information	Venue
08:30-16:00	Registration	
09:00-10:30	Management I/ Finance & Management	Lavender I
	Natural Science/Environmental Engineering/ Material Science and Engineering/ Civil Engineering	Lavender II
10:30-10:45	Tea Break	
10:45-12:45	10:45-11:15 International Liaison - Teng June Lean, Marc	Lavender I
	11:15-12:45 Social Science Keynote Speech Keynote Speaker: Prof. Debashis Chakrabarti Paper title : Dynamics of New Media and Technology in Catalyzing Cultural and Political Change	
	Natural Science Keynote Speech Keynote Speaker : Asst. Prof., Wong Ngai Yuen, Louis Paper title : Cracking Processes in Brittle Materials – Insights from Experimental and Numerical Studies on Rocks	
10:45-12:45	Computing Science & IT Engineering I / Electrical & Electronic Engineering	Lavender II
12:45-13:30	Lunch Time	
13:30-15:00	Management II	Lavender I
	Biological Sciences I/ Psychology	Lavender II
15:00-15:15	Tea Break	
15:15-16:45	Communication	Lavender I
	Education I	Lavender II
17:00-20:00	Conference Tour-Amazing Singapore Night Tour	

Wednesday, January 21, 2015		
Oral Sessions		
Time	Information	Venue
08:30-16:00	Registration	
09:00-10:30	Politics/Culture/Society /Sociology	Lavender I
10:30-10:45	Tea Break	
10:45-12:15	Education II	Lavender I
12:15-13:30	Lunch Time	
13:30-15:00	Computing Science & IT Engineering II	Lavender I
15:00-15:15	Tea Break	Lavender I
15:15-16:45	Biological Sciences II	Lavender I

Wednesday, January 21, 2015	
Poster Sessions – Lavender II	
Time	Information
08:30-16:00	Registration
09:00-10:30	Education /Culture / Finance & Economics
10:45-12:15	Natural Science/ Material Science and Engineering / Mechanical Engineering /Chemical Engineering
13:30-15:00	Computing Science & IT Engineering
15:15-16:45	Biological Sciences

Conference Venue Information

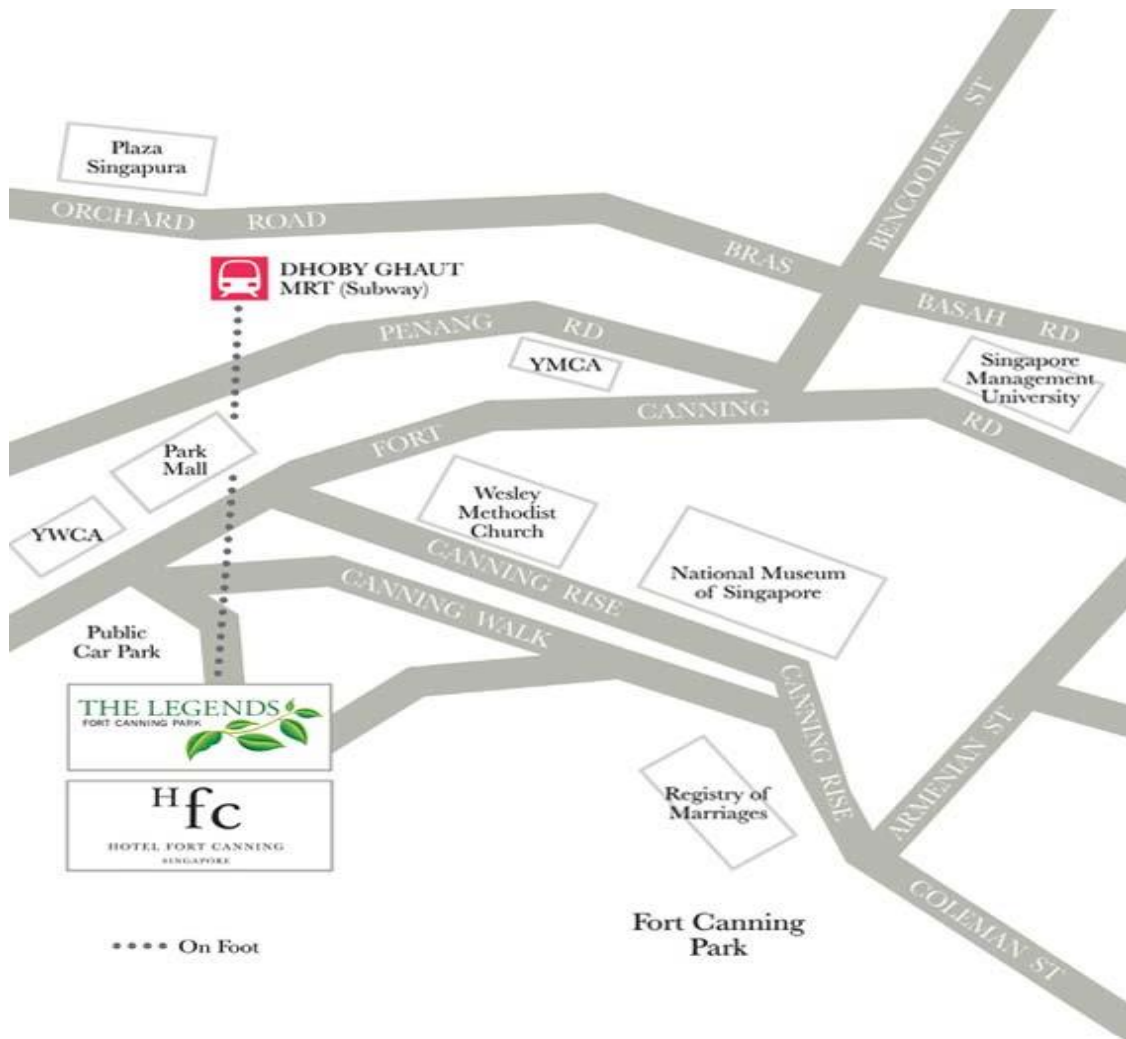
Hotel Fort Canning Singapore

Address: 11 Canning Walk, Singapore, 178881

Telephone number: +65 65596769

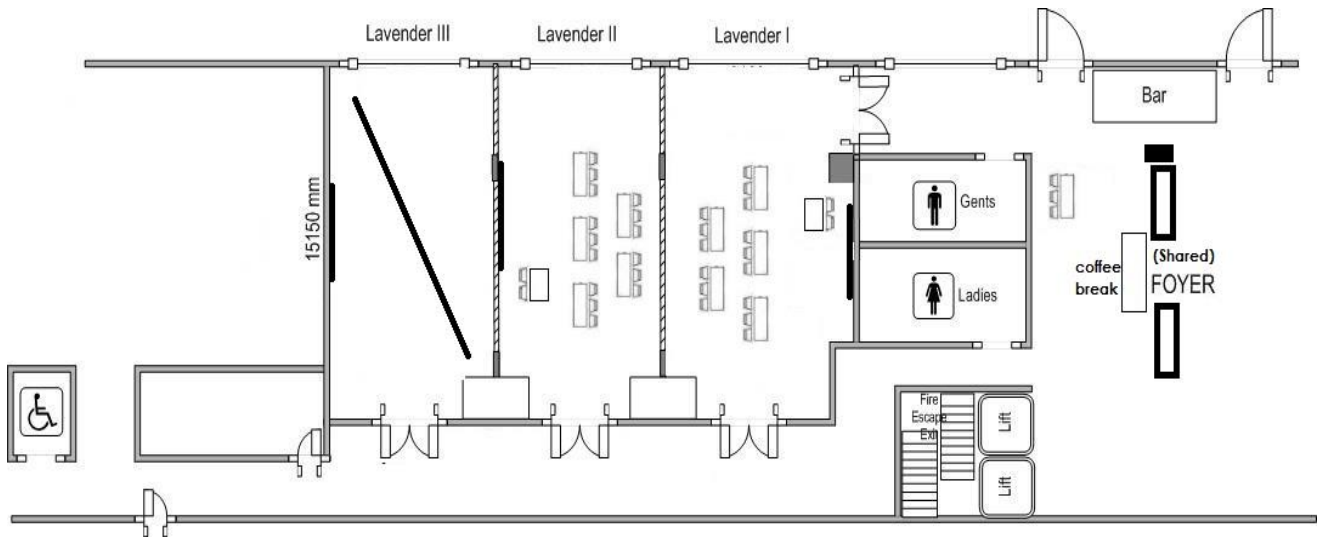
Location:

Hotel Fort Canning's location in a City Park is truly central. As a hotel near Orchard Road in Singapore, it is amidst the main shopping drag and the Champs Elysees of Singapore. Located nearby is the Clarke Quay Entertainment Hub, where a myriad bars and restaurants can be found. Travellers can also visit the Museums & Civic District, with at least 4 major museums within walking distance!



Conference Venue Floor Plan

1st Floor



International Liaison

Lavender I

10:45-11:15

Tuesday, January 20

Topic: Promoting Education to Post -Millennial Students.

Speaker: Mr. Teng June Lean, Marc

Outline

The advent of the internet and the digital revolution has caused many innovative disruptions across different realms and industries over the last 20 years. One of the greatest game changer will no doubt be in the education industry where there is a proliferation and abundance of data and information. In the same token, students who were born around the millennial have a different approach towards education as compared to their parents and forefathers. With increasing information and a shorter attention span, educators today are facing the uphill task of making education relevant and engaging for the students. The students of today are more tech savvy and they have information, authentic or otherwise, readily on their fingertips. The first part of this paper will explore the characteristics of the Post-Millennial Generation and how they would respond to the different types of pedagogies. The latter part will discuss why some of the education systems in the world would need to progress beyond the rote learning methods to engage this new group of learners. Pedagogies and concepts such as the Gamification of the education system, Higher order thinking skills and Authentic learning will also be discussed in this paper as possible strategies on how to engage students from this era. While this paper is about espousing the merits of the GAH Model [Gamification, Authentic Learning and Higher Order Thinking], it is not without its limitations. The final part of this paper will point out about the restrictions of these strategies in different cultural and classrooms context and draw a balance vis-à-vis the current education system.

Social Science Keynote Speech

Lavender I

10:45-12:45

Tuesday, January 20

Topic: Dynamics of New Media and Technology in Catalyzing Cultural and Political Change

Prof. Debashis Chakrabarti
Professor and Head, Dept of Communication studies
Ministry of Higher Education, Sultanate of Oman.



Outline

The advent of digital technology with a switch from analogue to digital signals, combined with the web network and satellite transmission has triggered a communication revolution. It has largely reshaped human communication and social interactions in the post modern civilization of 21st century. *Google, Facebook, Twitter, MySpace and YouTube* are now household names. They are now part of the social fabric. The change in the digital landscape has been perceived largely due to a number of communication resurgences and a few more technical upheavals. First, internet has been found to be the real change agent as a whopping increase of 93% users has been discerned among the age group of 12 to 17 from 2000 to 2010. Second, the wireless connectivity has been identified as another change factor. It is observed that more than two third of adults and three fourth of teen agers use the cloud. The third change agent has been Social networking. Recent studies found that social networking is not only popular among the young users; it is growing among older users also. This constant connectivity has a far reaching impact. It has been rapidly ‘changing social pattern and info flows’. The political impact of social media has focused on the power of mass protests to topple governments. The paper aims at assessing the significance of these momentous changes that may lead to deep social and cultural transformations in human society. It will also probe into the debates: what should be the limit of free speech and criticism in social media? If free speech is controlled in social media, how can social media reflect a democratic space? Is the internet really free? In the post-globalisation world, has the internet been metamorphosed into a giant corporate tool for regimenting people and their ideas than becoming an active agent of democracy and knowledge generation?

Biography

Debashis Chakrabarti, a noted media scholar and researcher, is currently a Professor and Head of the Department of Communication Studies at the College of Applied Sciences at the Ministry of Higher Education in Oman. Before taking to teaching at the College of Applied Sciences in Oman in 2006, he was Professor of Mass Communication and Dean at the School of Information Sciences in Assam University, a central University in India, 2004-06. His abilities as a communication program leader has been recognized internationally as he chaired the Department of Mass Communication at the University of Asmara, Eritrea, 2001-04, as a professor and initiated publication of a student newspaper at a time when freedom of press was gagged in Eritrea. Prior to this appointment, he had also chaired the Department of Mass Communication at Aligarh Muslim University, 1997-99 and introduced M.A. in Mass Communication.

Natural Science Keynote Speech

Lavender I

10:45-12:45

Tuesday, January 20

***Topic: Cracking Processes in Brittle Materials – Insights from
Experimental and Numerical Studies on Rocks.***



Prof., Wong Ngai Yuen, Louis

Assistant Professor

Assistant Chair (Academic)

School of Civil and Environmental Engineering

Nanyang Technological University

Biography

Dr Wong is an Assistant Professor and is presently holding the appointment of Assistant Chair (Academic) at the School of Civil and Environmental Engineering (CEE) at NTU. Prior to joining NTU, he worked as a consulting tunnel engineer in the USA and served the Geotechnical Engineering Office (GEO) of the Hong Kong Government. He obtained his BSc degree in Earth Sciences from the University of Hong Kong, and PhD degree in Geotechnical and Geoenvironmental Engineering from the Massachusetts Institute of Technology, USA.

His teaching and research interests are in engineering geology, rock mechanics and underground engineering. He has undertaken a number of rock engineering research projects, including the Underground Technology and Rock Engineering (UTRE) programme funded by DSTA, the Jurong Rock Cavern (JRC) project funded by JTC, and the MINDEF – NTU Joint Applied R&D Co-operation Programme. Dr. Wong has authored and co-authored more than 80 publications in technical journals and conference proceedings. He is serving the editorial boards of Bulletin of Engineering Geology and the Environment (Springer), Engineering Geology (Elsevier), Rock Mechanics and Rock Engineering (Springer) and Journal of Rock Mechanics and Geotechnical Engineering (Elsevier).

Dr. Wong won the Richard Wolter's Prize 2014, which is awarded by the IAEG (International

Association of Engineering Geology and Environment) once every two years to recognise the meritorious scientific achievement by a younger member of the engineering geology profession below the age of 40. He won the Geoshanghai Prize for Best Paper in the *GeoShanghai International Conference 2014* for his paper co-authored with PhD student (Chunjiang Zou) on “Study of mechanical properties and fracturing processes of Carrara marble in dynamic Brazilian tests by two optical observation methods”. Dr. Wong’s achievements in and contributions to teaching earned him the Nanyang Education Award for the academic year 2012/13 within the School of CEE at NTU.

Dr. Wong has been the Hon. Secretary of the Society for Rock Mechanics and Engineering Geology (Singapore) since 2010. He is representing Singapore in the IAEG and ISRM (International Society of Rock Mechanics) community. He has also served the ASCE Geo-Institute Rock Mechanics Committee since 2011.

Oral Sessions – January 20th, 2015

Management I/ Finance & Management

Lavender I

2015/01/20 Tuesday 09:00-10:30

Session Chair: **Prof. Yenny Purwati**

APCSSM-382

A Feasibility Study on the Opening Mcdonald's Outlet in Tagaytay City

Ting-Yun Shih | *Asia University*

APCSSM-381

The Management Operations, Policies and Programs of Aged Care Services

Ting-Yun Shih | *Asia University*

APCSSM-316

Work Related Stress and Work Family Interference Index as a Predictor of Support from Work and Home: A Study Amongst Railways Women Employee in India

P. David Jawahar | *Bharthidhasan Institute of Management Tiruchirappalli*

S. M. Soundria Arun | *Bharthidhasan Institute of Management Tiruchirappalli*

APCSSM-405

The Price “Made in Vietnam”: Examining Moderating Influence of Country of Manufacturer on the Relationships between Country of Origin and Product Quality

Yenny Purwati | *Satya Wacana Christian University*

Gega Fata Abdillah | *Satya Wacana Christian University*

APCSSM-485

The Effects of Terrorism and Natural Calamity on National Stock Exchange in India

Vanitha Selvaraj | *Bharathidasan University, Triuchirappalli*

Sutha Murugesan | *Bharathidasan University, Triuchirappalli*

Srinivasan Perumal | *Bharathidasan University Constituent Arts and Science College, Inamkulathur*

Natural Science/Environmental Engineering/

Material Science and Engineering/ Civil Engineering

Lavender II

2015/01/20 Tuesday 09:00-10:30

Session Chair: **Prof. Zhenhua Xie**

ICBENS-15

CO₂ Capture by Amine-Modified Kaolinite

Yen-Hua Chen | *National Cheng Kung University*

De-Long Lu | *National Cheng Kung University*

ICBENS-38

Research on Number of High-Pressure Grouting of Hierarchical Multiple for Slope Based on Reliability Analysis

Zhenhua Xie | *China Institute of Industrial Relations*

Zhiyun Jia | *University of Science and Technology Beijing*

ICEIT-16

Evaluation of Bottom Ash From Lube Oil and Heavy Metals Co-Contaminated Soil Thermal Treatment in Fluidized Bed Incineration

Ukrit Samaksaman | *National Chung Hsing University*

Jia-Hong Kuo | *National Chung Hsing University*

Ming-Yen Wey | *National Chung Hsing University*

ICEIT-68

Empirical and Theoretical Evaluation of A Novel Looped DNA-Based Nanostructure

In Hyun Song | *Sungkyunkwan University*

Seung Won Shin | *Sungkyunkwan University*

Soong Ho Um | *Sungkyunkwan University*

ICEIT-47

An Automated Process to Calculate Space Area by Space Boundaries of Wall Guide Lines Using IFC-BSED Bim Data

Karam Kim | *Kwangwoon University*

Jungho Yu | *Kwangwoon University*

Wooyoung Kim | *Construction&Economy Research Institute of Korea*

Moonseo Park | *Seoul National University*

Bosik Son | *Namseoul University*

Computing Science & IT Engineering I /

Electrical & Electronic Engineering

Lavender II

2015/01/20 Tuesday 10:45-12:45

Session Chair: ***Prof. Khaled Almustafa***

ICEIT-60

Packet Loss Estimation on MAC Layer in IEEE 802.11 WLAN

Khaled Almustafa | *Prince Sultan University*

Shafi Shahsavari Mirza | *Western University*

ICEIT-67

Automatic Shadow Removal Based on Darkness Prediction Model in HSV Color Space

Wenbo Huang | *Chongqing University of Posts and Telecommunications*

Kyoungyeon Kim | *Inha University*

Yong Yang | *Chongqing University of Posts and Telecommunications*

Yoo-Sung Kim | *Inha University*

ICEIT-72

An Improvement of Plagiarized Area Detection System Using Jaccard Correlation Coefficient Distance Algorithm

Kwang Ho Song | *Inha University*

Jihong Min | *Inha University*

Gayoung Lee | *Inha University*

Yoo-Sung Kim | *Inha University*

Sang Chul Shin | *Daolsoft Company*

ICEIT-62

Automatic Assessment of Facial Attractiveness Before and After Orthognathic Surgery Based on Quantitative Three-Dimensional Shape Features Using Fuzzy Neural Network Classifier

Hsiu-Hsia Lin | *Chang Gung Memorial Hospital*

Wen-Chung Chiang | *Hsiuping University of Science and Technology*

Chiung-Shing Huang | *Graduate Institute of Dental and Craniofacial Science*

ICEIT-61

Synchronization Scheme of Distributed BBUs in 3D-MIMO Experimental Platform

Jun Wang | *Xi'an Jiaotong University*

Pinyi Ren | *Xi'an Jiaotong University*

Qinglin Luo | *Alcatel-Lucent Shanghai Bell*

Li Sun | *Xi'an Jiaotong University*

Qinghe Du | *Xi'an Jiaotong University*

Management II

Lavender I

2015/01/20 Tuesday 13:30-15:00

Session Chair: ***Prof. Chris Durden***

APCSSM-424

Exposure to Cigarette Marketing, Self-Efficacy and Cigarette Smoking among Adolescents in Semarang, Indonesia

Arief Widodo | *Satya Wacana Christian University*

Teddy Kurniawan | *Satya Wacana Christian University*

APCSSM-474

The Interface between Control Systems and Strategy: A Case Study

Chris Durden | *James Cook University*

APCSSM-466

Leadership Continuum Model – IT Enabled Transformational Change

Kallol K Basu | *Kedge Business School, Marseille*

APCSSM-320

A Study on Dimensions of Work Stress among Textile Industry Employees in Coimbatore City, Tamil Nadu, India

Pandisakthi Srinivasan | *JJ College of Arts and Science, Pudukkottai, Bharathidasan University, Trichy, Tamil nadu, India.*

APCSSM-335

Portfolio Selection of Risk Response Strategies Considering Utility Information and Risk Dependency

Yao Zhang | *Northeastern University*

Biological Sciences I / Psychology

Lavender II

2015/01/20 Tuesday 13:30-15:00

Session Chair: **Prof. Mayura Soonwera**

ICBENS-18

Pediculicidal Potential of Ethanolic Extracts from Thai Medicinal Plants Against Head Louse (*Pediculus Humanus Capitis* De Geer, Pediculicidal: Phthiraptera) in Vitro

Orawan Wongnet | *King Mongkut's Institute of Technology Ladkrabang*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

ICBENS-19

Larvicidal and Pupicidal Activities of Ethanolic Extracts from Piperaceae Plant Against Filarial Mosquito Vector (*Culex Quinquefasciatus* (Say): Diptera; Culicidal)

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

Orawan Wongnet | *King Mongkut's Institute of Technology Ladkrabang*

ICBENS-17

Green Shampoo Base on Zingiberaceae Plants on Mortality of Head Louse (*Pediculus Humanus Capitis* De Geer. : Pediculidae)

Sirawut Sittichok | *King Mongkut's Institute of Technology Ladkrabang*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

ICBENS-42

Mesenchymal Stem Cell Induce Frataxin Gene Expression and Increase Resistance to Hydrogen Peroxide-Mediated Toxicity as a Treatment for Friedrich's Ataxia

Dina Marlina | *Universitas Padjadjaran*

Andre Ruggery Ichwan | *Universitas Padjadjaran*

ICBENS-69

Effects of Sequential and Simultaneous Addition of Surfactant on Rubisco Network Strength

Sagheer A. Onaizi | *Newcastle University*

ICBENS-81

Chitosan Located Immobilized Cyclodextrin Derivates with High Loading Capacity, Preparation and Application

Chen Yu | *Beijing Institute of Technology*

ICSPE-34

St. John's Wort, Avena Sativa, Nigella Sativa and Honey Have Potential Antidepressant- Like Effects in Mice

Yeldey Abdel-Khalek Bassiouni | *King Saud University*

Nouf Mohamed Al-Rasheed | *King Saud University*

Nawal Mohamed Al-Rasheed | *King Saud University*

Communication

Lavender I

2015/01/20 Tuesday 15:15-16:45

Session Chair: ***Prof. Supa Panusbordee***

APCSSM-441

The Effects of Violent Behaviors on Television toward Age and Gender Differences in Thailand

Supa Panusbordee | *Bangkok University*

APCSSM-440

The Country Image Effects on Quality Perception: A Case of Mobile Phones in Thailand

Sanpet Panusbordee | *Bangkok University*

APCSSM-372

The Conceptual Model of Web-Based Exhibition Portal as Online Community of Practice Environment

Marcel Bonar Kristanda | *Universitas Multimedia Nusantara*

Yih Jiun Lee | *Chinese Culture University*

APCSSM-463

An Exploratory Analysis on the Process of Communication by Using Biological Catalyst Mode: A Case Study of Social Movement in Asia

Min Hua Wu | *Shih Hsin University*

Education I

Lavender II

2015/01/20 Tuesday 15:15-16:45

Session Chair: ***Prof. David Phathabantu Ngidi***

ICSPE-71

**Adoption of Pedagogical Content Knowledge in Preparation of Teacher Education
Students: Practices in South African Universities**

David Phathabantu Ngidi | *Central University of Technology, Free State*

ICSPE-74

Bring Computational Thinking into Science Education

Jeongwon Choi | *Korea National University of Education*

Sangjin An | *Korea National University of Education*

Seounghye Paik | *Korea National University of Education*

Youngjun Lee | *Korea National University of Education*

ICSPE-61

Instructional for Higher Order Thinking Skill Development

Ubonwan Songserm | *Silpakorn University*

ICSPE-55

Knowledgebase for Group Games(H-STEAM) and Their Typology

Byungro Lim | *Kyunghee University*

Soo Hee Baek | *Kyunghee University*

Jae Hyeong Bae | *Kyunghee University*

Seung Gwan Lee | *Kyunghee University*

Yun Hi Choi | *Kyunghee University*

ICSPE-17

Coaching Model of Teacher in Suratthani Rajabhat University

Krittagan Charlie Dhoppupa | *Suratthani Rajbhat University*

APCSSM-324

The Effect of English Fluency Upon Job Seeking

Rita Sutjiati Johan | *Gunadarma University*

Johan Harlan | *Gunadarma University*

Oral Sessions – January 21st, 2015

Politics/Culture/Society /Sociology

Lavender I

2015/01/21 Wednesday 09:00-10:30

Session Chair: ***Prof. Hyomin Kang***

APCSSM-338

Party Type and the Impact of Public Opinion on Party Positions

Hanbeom Jeong | *Korea National Defense University*

APCSSM-482

An Achievement of Policy Implementation to Develop Sailing Sport by Yacht Racing Association of Thailand (YRAT)

Sinsupa Wannasuth | *Kasem Bundit University*

APCSSM-334

Construction and Investigation on Internet Risk and Way of Coping for the Elderly in Taiwan

Chih Kun Huang | *Meiho University*

ICSPE-41

A study on the Quality of Social Interaction and Participation in Sports of Youth with Intellectual Disable

Hyomin Kang | *Kangwon National University*

Jin-Kook Kim | *Kangwon National University*

Education II

Lavender I

2015/01/21 Wednesday 10:45-12:15

Session Chair: ***Prof. Sungmi Park***

APCSSM-314

Employability Skill and Its Role in Economic Development - A Study from Indian Perspective

Hari Prasad N | *J.J College of Arts and Science, Bharathidasan University*

APCSSM-332

The Needs for Efficient Digital Information Services in Supporting Distance Education in Malaysia

Halimatun Saadiah Roselley | *Universiti Teknologi MARA Malaysia*

Zuraidah Abd Manaf | *Universiti Teknologi MARA Malaysia*

APCSSM-425

Students' Perceptions towards the Use of Smartphone Applications for English Learning

Tzu-Huang Weng | *National Kaohsiung University of Applied Sciences*

Yi-Ju Chen | *National Kaohsiung University of Applied Sciences*

APCSSM-430

Development of the Scale for Convergence Motive

Sungmi Park | *Dongseo University*

ICSPE-25

Korean Parents' Mental Model on Media Environment and the Use

Ran Lee | *Sungkyunkwan University*

Eunja Hyun | *Sungkyunkwan University*

ICSPE-39

Scaffolding At-Risk Primary School Children's Learning During Play Activities

Hairul Nizam Ismail | *Universiti Sains Malaysia*

Aswati Hamzah | *Universiti Sains Malaysi*

Amelia Abdullah | *Universiti Sains Malaysia*

Salma Hamaad AL-Humaidi | *Sultan Qaboos University*

Computing Science & IT Engineering II

Lavender I

2015/01/21 Wednesday 13:30-15:00

Session Chair: *Prof. Sanggeun Song*

ICEIT-28

Design and Implementation of Intelligent Extraction for Korean Medical Terminology System Using Web Mining

Sanggeun Song | *Soongsil University*

Byungsu Lim | *Soongsil University*

Wookhwan Choi | *Soongsil University*

Junghoon Shin | *Soongsil University*

Sangjun Lee | *Soongsil University*

ICEIT-35

Culinary Recommendation System Using Analytical Hierarchy Process on Google Android Platform

Aryo Pinandito | *Universitas Brawijaya*

Chandrawati Putri Wulandari | *Universitas Brawijaya*

Ratih Kartika Dewi | *Universitas Brawijaya*

ICEIT-56

Offering Library Resources Through Web-site and Mobile Systems with Web Services for Central Library Suratthani Rajabhat University

Sarawut Markchit | *Suratthani Rajabhat University*

ICEIT-52

Performance Enhancement for Campus IT Systems with Hybrid Cloud

Lu Chien-Te | *National Taipei University of Technology*

Yeh Chiunn-Shyong | *Kainan University*

Wang Yung-Chung | *National Taipei University of Technology*

Biological Sciences II

Lavender I

2015/01/21 Wednesday 15:15-16:45

Session Chair: ***Prof. Najia Abdulkhalig Al-Zanbagi***

ICBENS-20

Schistosomiasis in Saudi Arabia: The Annual Health Reports and Essential Solutions to Reduce The Disease Prevalence

NaJia Abdulkhalig Al-Zanbagi | *King Abdulaziz University*

ICBENS-24

Potential Role of Tualang Honey in Reducing BPA-Induced Ovarian Toxicity

Siti Sarah Mohamad Zaid | *University of Malaya*

Shatrah Othman | *University of Malaya*

Normadiah M Kassim | *University of Malaya*

ICBENS-29

Chemopreventive Effect of Annona Muricata Leaves Against Azoxymethane-Induced Colonic Aberrant Crypt Foci in Rats

Soheil Zorofchian Moghadamtousi | *University of Malaya*

Elham Rouhollahi | *University of Malaya*

Mahmood Ameen Abdulla | *University of Malaya*

Habsah Abdul Kadir | *University of Malaya*

ICBENS-37

Bioactive Theabrownins Produced by Aspergillus Tubingensis TISTR 3647

Qiuping Wang | *Kasetsart University*

Jiashun Gong | *Yunnan Agricultural University*

Sarote Sirisansaneeyakul | *Kasetsart University*

ICBENS-77

Describing Growth Pattern of Tomato Plants Using Morgan Mercer Flodin and Gompertz Model

Ni Wayan Surya Wardhani | *University of Brawijaya*

Loekito Adi Soehono | *University of Brawijaya*

Prawitra Kusumastuti | *University of Brawijaya*

ICBENS-79

Distinctive Activity of Ginger Phenylpropanoids Against Lymphoblastic Leukemia Cells

Ermin Schadich | *Palacky University*

Marek Handl | *Palacky University*

Ivo Frydrieh | *Palacky University*

Petr Džubák | *Palacky University*

Marián Hajdúch | *Palacky University*

Poster Sessions – January 21st, 2015

Education/ Culture/ Finance & Economics

Lavender II

2015/01/21 Wednesday 09:00-10:30

APCSSM-346

Effect of Korean Soldiers' Emotional Intelligence on Organizational Citizenship Behavior and the Mediating Effect of Empowerment and Subjective Career Success

Ah Jeong Hong | *Chung-Ang University*

Kwan-Seok Ro | *Chung-Ang University*

Chikyung Park | *Chung-Ang University*

APCSSM-459

A Research About Online Learning Perspectives of University Students Who Have Online Introductory Accounting Lessons

Yu-Fen Chen | *Chihlee Institute of Technology*

Huai-En Mo | *National Taiwan Normal University*

APCSSM-400

Fostering Culturally-Responsive Practices in a Truku Preschool with Collaborative Action Research

Mei Chih Hu | *Tzu Chi University*

APCSSM-403

Exploring Relationships between Student Engagement and Perceived Development of Core Competencies in Higher Education

Yeon Kyoung Kim | *Chung-Ang University*

Hae-Deok Song | *Chung-Ang University*

APCSSM-387**Structural Relationship between Instruction Quality, Learning Engagement and the 21st Century Learner Competency**

Juyeon Hong | *Chung-Ang University*

Hae-Deok Song | *Chung-Ang University*

APCSSM-361**The Influence of University Students' Self-leadership on Career Preparation Behavior and Mediating Effect of Career Decision Self-Efficacy and Employability**

Ah Jeong Hong | *Chung-Ang University*

Jong-Chan Lee | *Chung-Ang University*

Na Rae Kim | *Chung-Ang University*

APCSSM-384**Exploring the Intellectual Structure of Digital Government Documents for Culture Heritage Management**

Chun-Min Lin | *Taiwan Hospitality & Tourism College*

Yu-Tzeng Lin | *Taiwan Hospitality & Tourism College*

Yuh-Jen Wu | *Taiwan Hospitality & Tourism College*

Ya-Duan Chang | *Taiwan Hospitality & Tourism College*

ICSPE-37**Changes in the Pre-service Elementary Teachers' Intention to Implement Instructional Adaptations for Students with Disabilities through Introductory Special Education Course**

Youngsim Kang | *Pusan National University*

Hyeonji Jeong | *Pusan National University*

Jiyeon Park | *Pusan National University*

APCSSM-432**The Characteristics of the Program of the King Abdullah Foreign Scholarship**

Norah Mohammed Alblaihed | *Princess Nora Bint Abdul Rahman University*

ICSPE-36**The Influence of Pre-service Teachers' Teaching Efficacy on the Intention to Implement Instructional Adaptations for Students with Disabilities**

Youngsim Kang | *Pusan National University*

Jiyoon Park | *Pusan National University*

Hyeonji Jeong | *Pusan National University*

APCSSM-490**Environmental Regulations and the Location Choice of FDI in Pollution Intensive Industries: Evidence from China**

Wan-Hong Li | *Harbin Engineering University*

Hai-ling He | *Heilongjiang Institute of Technology*

Jia-Qi Liu | *Harbin Engineering University*

Shuang Ding | *Harbin Engineering University*

Natural Science/Material Science and Engineering/

Mechanical Engineering/Chemical Engineering

Lavender II

2015/01/21 Wednesday:10:45-12:15

ICBENS-22

Effects of Raw Materials on Morphology of Nano-Hematite

Yi-Ping Yu | *National Cheng Kung University*

Yen-Hua Chen | *National Cheng Kung University*

ICBENS-23

Characterization of SnO₂ Films Deposited on Si Substrate by R.F. Magnetron Sputtering

Chia-Tai Hsu | *National Cheng Kung University*

Yen-Hua Chen | *National Cheng Kung University*

ICBENS-25

Characterization of Diamond-Like Carbon Films Deposited on Si Substrates by R.F. Magnetron Sputtering

Wei-Hao Chang | *National Cheng Kung University*

Yen-Hua Chen | *National Cheng Kung University*

ICBENS-53

Corticosteroids and Antiviral Treatment for Bell's Palsy

Dong Choon Park | *St. Vincent's Hospital, The Catholic University of Korea*

Sung Ho Cha | *Kyung Hee University*

Ho Min Kang | *Kyung Hee University*

Moon Suh Park | *Kyung Hee University*

Jae Yong Byun | *Kyung Hee University*

Seung Geun Yeo | *Kyung Hee University*

ICEIT-20

Electrochemical Behaviors of Sn/SnO_x Anodes with Core-Shell Structure Prepared Using Pulsed Wire Evaporation Method

Ju-Seok Song | *Gyeongsang National University*

Jou-Heon Ahn | *Gyeongsang National University*

Kwon-Koo Cho | *Gyeongsang National University*

ICEIT-21

Micro-Crack Detection in Silicon Solar Wafer Using Anisotropic Diffusion Filter and Its Parameter Optimization

Gyung-Bum Kim | *Korea National University of Transportation*

ICEIT-69

Effect on Cu-Sn-Zr based Catalyst with Steam Content and Temperature in Direct Sulfur Recovery Process

Tae Hoon Lee | *Yeungnam University*

Yeon Baek Seong | *Yeungnam University*

Chan Tae Ji | *Yeungnam University*

Yong Sul Kim | *Yeungnam University*

No-Kuk Park | *Yeungnam University*

Tae Jin Lee | *Yeungnam University*

Jeom-In Baek | *Korea Electric Power Research Institute*

Joong Beom Lee | *Korea Electric Power Research Institute*

ICEIT-70

Synthesis of Macro-Porous Silicon for Si-Based Anode Material of LIBs

Min Jung Kim | *Yeungnam University*

Yong Sul Kim | *Yeungnam University*

Yeon Baek Seong | *Yeungnam University*

Tae Hoon Lee | *Yeungnam University*

Chan Tae Ji | *Yeungnam University*

No-Kuk Park | *Institute of Clean Technology*

Tae Jin Lee | *Yeungnam University*

ICEIT-58

The Effect of Alcohol Adduct as a Support Material for Ziegler-Natta Catalyst; Synthesis Characterization and Catalytic Activity

Kanokporn Sinchai | *Chulalongkorn University*

ICEIT-71

Preparation and Characterization of Biodegradable Medical Polyurethane Foam

Phawatphong Sapsuphawatt | *Chulalongkorn University*

ICEIT-65

Development of Novel Biodegradable Polyurethane Foam: The Effect of Chain Extenders on Properties

Mutitaporn Pimdeed | *Chulalongkorn University*

Computing Science & IT Engineering

Lavender II

2015/01/21 Wednesday:13:30-15:00

ICEIT-34

Spam Blog Classification Using Characteristics of a Blog Document

Sangkwon Sim | *Soongsil University*

Soowon Lee | *Soongsil University*

ICEIT-42

Stock Fluctuation Prediction by Using News Text Mining

Jangyun Um | *Soongsil University*

Soowon Lee | *Soongsil University*

ICEIT-45

A Study on Realizing Alternating Direction Method of Multipliers with Apache Spark

Hsin-Yu Chen | *Yuan Ze University*

Kuo-Min Huang | *Yuan Ze University*

Kan-Lin Hsiung | *Yuan Ze University*

ICEIT-80

A Study on Bandwidth Constrained Group Multicasting Problem in Wavelength Division Multiplexing Networks

Wen-Lin Yang | *National University of Tainan*

Chun-Tao Yang | *National Chiao Tung University*

ICEIT-55

IOS Apps for Skin Cancer Early Detections

Marvin Chandra Wijaya | *Maranatha Christian University*

ICEIT-43

Automatic Construction of Sentiment of Word Dictionary Using Co-Occurrence Frequency of Words

Haejin Park | *Soongsil University*

Soowon Lee | *Soongsil University*

ICEIT-46

Automatic and Remote Control Platform under Android Environments

Minkyu Kang | *Soongsil University*

Junggwan Shin | *Soongsil University*

Sanggeun Song | *Soongsil University*

Esther Kim | *Soongsil University*

Sangjun Lee | *Soongsil University*

ICEIT-51

Flexible Personal Relationship Management Using Social Network Services

Esther Kim | *Soongsil University*

Byungsu Lim | *Soongsil University*

Minsu Kang | *Soongsil University*

Sangjun Lee | *Soongsil University*

ICEIT-32

Automatic Text Summarization Using Graph-Based Sentence Similarity

Heechan Kim | *Soongsil University*

Soowon Lee | *Soongsil University*

Biological Sciences

Lavender II

2015/01/21 Wednesday:15:15-16:45

ICBENS-51

Self Heat Acclimation: A Physiological Strategy When Mice are Allowed to Behaviorally Thermoregulate

Cenk Aydin | *University of Uludag*

Christopher J. Gordon | *U.S. Environmental Protection Agency*

Andrew F.M. Johnstone | *U.S. Environmental Protection Agency*

ICBENS-36

Apoptosis Effect of Curcuma Purpurascens BI. Rhizome on HT-29 Colon Cancer Cells

Elham Rouhollahi | *University of Malaya*

Soheil Zorofchian Moghadamtousi | *University of Malaya*

Mohammadjavad Paydar | *University of Malaya*

Chung Yeng Looi | *University of Malaya*

Mahmood Ameen Abdulla | *University of Malaya*

Zahurin Mohamed | *University of Malaya*

ICBENS-73

Research on Clinical Optimization Algorithm for Diagnosis of The Morphological Skin Diseases

Onseok Lee | *Gimcheon University*

Jaeyoung Kim | *Korea University*

Mingi Kim | *Korea University*

ChilHwan Oh | *Korea University*

ICBENS-52

Development of Lumbar Spine Model-Based Haptic Simulator Using Virtual Fixture

Junho Ko | *Korea University of Technology and Education*

Seong-Wook Jang | *Korea University of Technology and Education*

Yoon Sang Kim | *Korea University of Technology and Education*

ICBENS-70

Comparison and in Vivo Evaluation of Topographic Difference between Salt-Leaching and Electrospun PLLA Scaffold

Ji Hye Baek | *Ajou university*

ICBENS-71

Injectable in Situ-Forming Hydrogel Using Adult Stem Cells for in Vivo Osteogenic Differentiation

Ja Yong Jang | *Ajou university*

ICBENS-72

Preparation of Thermosensitive MPEG-Polyester Hydrogels for Sustained Drug Delivery

Seung Hun Park | *Ajou university*

ICBENS-80

Application of By-Products from Bioethanol Production Process for Economical Production of 2,3-Butanediol

Jin Ho Chung | *Changhae Ethanol Co. Ltd.*

Kyung-Woo Kang | *Changhae Ethanol Co. Ltd.*

Kyung-Mo Go | *Changhae Ethanol Co. Ltd.*

Se-Kwon Moon | *Changhae Ethanol Co. Ltd.*

Gi-Wook Choi | *Changhae Ethanol Co. Ltd.*

ICBENS-84

The Development of the Efficient Bioethanol Production Process Using Lignocellulosic Biomass

Kyeong Eop Kang | *Changhae Ethanol Co. Ltd.*

Yule Kim | *Changhae Ethanol Co. Ltd.*

Gi-Wook Choi | *Changhae Ethanol Co. Ltd.*

ICBENS-87

Beneficial Effects of Valerianae Radix Et Rhizoma Extract on Psychological Stress in Mice

Suin Cho | *Pusan National University*

Chiyeon Lim | *Dongguk University*

Se-Hyun Lim | *Far East University*