Conference Program

July, 2015
Hokkaido, Japan

ISBSS
International Symposium on Business and Social Sciences

BREFM
International Business, Economics, Finance and Management Conference

IBCELC
International Biotechnology, Chemical Engineering and Life Science Conference

ICEAS
International Conference on Engineering and Applied Science
ISBSS
International Symposium on Business and Social Sciences

BREFM
International Business, Economics, Finance and Management Conference

IBCELC
International Biotechnology, Chemical Engineering and Life Science Conference
ISBN 978-986-90263-9-0

ICEAS
International Conference on Engineering and Applied Science
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#### Monday, July 20, 2015

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<tr>
<td>14:00-15:30</td>
<td>Marketing 1</td>
<td>Roma</td>
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<td>Education 1</td>
<td>Venezia</td>
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<tr>
<td></td>
<td>Management 1</td>
<td>Raffaeollo</td>
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<tr>
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<td>Civil Engineering 1</td>
<td>Michaelangelo</td>
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<tr>
<td></td>
<td>Computer and Information Sciences 1</td>
<td>Davinci</td>
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<tr>
<td>15:30-15:45</td>
<td>Tea Break &amp; Networking</td>
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<tr>
<td>15:45-17:15</td>
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##### Poster Sessions

**B1, Renaissance Sapporo Hotel**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>16:00-17:00</td>
<td>Poster Session(1) Management 1 / Communication / Life Science 1</td>
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<tr>
<td>08:00-18:00</td>
<td>Registration</td>
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<td>09:00-10:30</td>
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<td><strong>Business 1/ Management 2</strong></td>
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<td></td>
<td><strong>Nature Science Keynote Speech</strong></td>
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<td></td>
<td><strong>Keynote Speaker: Kwun Nam Hui</strong></td>
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<tr>
<td></td>
<td><strong>Paper title: Strategic Potential Use of Layered Double Hydroxides as Electrode Materials for Supercapacitors</strong></td>
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<td><strong>Keynote Speaker: José G. Vargas-Hernández</strong></td>
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<tr>
<td></td>
<td><strong>Paper title: Thinking as a Critical Factor of Business Competitiveness</strong></td>
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<td>12:15-13:30</td>
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<td>15:15-16:45</td>
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### Wednesday, July 22, 2015
**Poster Sessions**
B1, Renaissance Sapporo Hotel

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<td>Chemical Engineering 2 / Mechanical Engineering 2 / Business 2 / Management 4</td>
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</table>
Renaissance Sapporo Hotel
Tel: +81-11-821-1111
Address: 1-1 Toyohira 4-Jo 1-Chome, Toyohira-ku, Sapporo, 062-0904 Japan

Sapporo, the capital city of Hokkaido, is Japan’s most active business center and gateway in the North. The mountains surrounding Sapporo offer the ultimate in skiing during the winter months and the famous Sapporo Snow Festival, held each year in February, has become an international event. At other times of the year, the therapeutic hot springs and Hokkaido’s lakes Spas and breathtaking scenery are the natural attractions.

Access from New Chitose Airport
1. By Bus (about 60 minutes)
   Take Airport shuttle bus and get off at "Renaissance Sapporo Hotel"
2. By JR (about 40 minutes)
   - Get off at "Sapporo station", a 10-minute taxi ride
   - Get off at "Sapporo station", transfer to "Toho Line" and get off at "Hosui-Susukino" station, a 13 minutes walk from Exit 3
General Information for Participants

★ Information and Registration

The Registration and Information Desk will be situated at the Renaissance Sapporo Hotel on the B1 during the following time:

13:00-17:00   Monday, July 20, 2015  
08:00-18:00   Tuesday, July 21, 2015  
08:30-18:00   Wednesday, July 22, 2015

★ 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.

★ 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

| A 60cm*160cm Poster Illustrates the research findings. | 1. Wider than 60cm (left)  
2. Copy of PowerPoint Slides in A4 papers (right) |
|-----------------------------------------------------|---------------------------------------------|

![Poster Examples](image-url)
Craig Mark, Kwansei Gakuin University
S. Nandakumar, Periyar University
Radhakrishnan Nair, University of Kerala
Abhishek Bhati, James Cook University
Nancy A. Pachana, The University of Queensland
Waldemar Jędrzejczyk, Czestochowa University of Technology
Maria Lucia Kho Giok Song, De La Salle University
Victor Ong, Sunway University Business School
Jephte Olimpo Munez, University of Philippines
Warner P. Woodworth, Brigham Young University
Siti Suriani Othman, Universiti Sains Islam Malaysia
Tatiana A. Garanina, St.Petersburg University
Hatem Ben Ameur, HEC Montréal
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Liang Chih-Chin, National Formosa University
Cher Dun-Ji, National Taiwan Normal University
Min-Hsien Yang, Feng Chia University
Chalitda M. Purush, Maejo University
Tonglian Buwjoom, Maejo University
Peter Firkola, Hokkaido University
Geoffrey K F Tso, City University of Hong Kong
Thongchai Srivardhana, Kasetsart University
Sun G Kim, Daejeon University
Chien-Wen Chen, Feng Chia University
Yu-Hsiang Hsiao, National Taipei University
Brian Hunt, Mahidol University
Faustine, Universitas Mercu Buana
Maria Cristina M. De los Santos, Hanseo University
Karen Miranda-Fernandez, DBM, Imus Institute
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Abhijit Bandyopadhyay, University of Calcutta
Ahmad Zuhairi Abdullah, Universiti Sains Malaysia
Bing Joe Hwang, National Taiwan University of Science and Technology
Chung-Sung, Tan, National Tsing Hua University
Dominic Agyei, Monash University Clayton Campus
Fadzilah Adibah Abdul Majid, Universiti Teknologi Malaysia
Hamed M. El-Shora, Mansoura University
Hasan Akhtar Zaidi, Guru Gobind Singh Indraprastha University
Henry N.C. Wong, The Chinese University of Hong Kong
Huabei Jiang, The University of Florida
I-Ming Hsing, The Hong Kong University of Science and Technology
K. Padmakumar, Kerala University Campus
Ken-Shiung Chen, Nanyang Technological University
Kondabagil K., Indian Institute of Technology Bombay
M.Lakshmi Narasu, Institute of Science and Technology
Mihir Kumar Purkait, Indian Institute of Technology Guwahati
Mohd Farid bin Atan, University of Sarawak Malaysia
Mohd. Nasir Mohd. Desa, Universiti Putra Malaysia
Olivia J Fernando, Annamalai University
Parin Chaivisuthangkura, Srinkharinwirot University
Ramasare Prasad, Indian Insitute of Technology Roorkee
Rungtip Soi-amponkul, Mahidol University
Shang-Da, Huang, National Tsing Hua University
Stephen Redmond, The University of New South Wales
Sue-Joan, Chang, National Cheng Kung University
Sungjee Kim, Sungkyunkwan University
Yen-Chung, Chang, National Tsing Hua University
Yun-Peng, Chao, Feng Chia University
Khalid M. Mosalam, University of California
Chueerat Jaruskulchai, Kasetsart University
M. Cheralathan, SRM University
J N Bandyopadhyay, Indian Institute of Technology Kharagpur
S. Dhar, University of Calcutta
Poongothai Shankar, Annamalai University
Amit Agrawal, Indian Institute of Technology Bombay
Cheng Li, The Hong Kong Polytechnic University
T.M. Indra Mahlia, University of Malaya
Kunal Ghosh, Indian Institute of Technology Kanpur
Narayanan Kulathuramaiyer, University of Sarawak Malaysia
Arup K. Sarma, Indian Institute of Technology Guwahati
Suresh K Bhargava, School of Applied Sciences
Rapeepan Pitakaso, Ubonratchthani University
Jie Liu, Carleton University
Carlos Alejandro Figueroa, Plasmar Tecnologia
Dong-Ho Ha, Konkuk University
Poul Vaeggemose, VIA University College Denmark
Maha M. O. Khayyat, Umm Al-Qura University
Kant Kanyarusoke, Cape Peninsula University of Technology
Paramita Bhattacharjee, Jadavpur University
Nathalia Devina Widjaja, Binus International University
C. M. Khalique, North-West University
**Special Thanks to Session Chairs**

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>Pattarika Maneepun</td>
<td>Maejo University</td>
</tr>
<tr>
<td>Supong Tangkiengsirisin</td>
<td>Thammasat University</td>
</tr>
<tr>
<td>Kalayanee Senasu</td>
<td>National Institute of Development Administration</td>
</tr>
<tr>
<td>Nansheng Li</td>
<td>Tongji University</td>
</tr>
<tr>
<td>Mong-Fong Horng</td>
<td>National Kaohsiung University of Applied Sciences</td>
</tr>
<tr>
<td>Mike K. P. So</td>
<td>Hong Kong University of Science and Technology</td>
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<tr>
<td>Yaxuan Qi</td>
<td>City University of Hong Kong</td>
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<tr>
<td>Shu-Ping Lin</td>
<td>National Chung Hsing University</td>
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<tr>
<td>Kouji Shibata</td>
<td>Hachinohe Institute of Technology</td>
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<tr>
<td>Seigo Sakai</td>
<td>Yokohama National University</td>
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<tr>
<td>Somskaow Bejranonda</td>
<td>Kasetsart University</td>
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<tr>
<td>Safak Aksoy</td>
<td>Akdeniz University</td>
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<tr>
<td>Suresh Sharma</td>
<td>Institute of Economic Growth</td>
</tr>
<tr>
<td>Senee Puangyanee</td>
<td>Rajamangala University of Technology Suvarnabhumi</td>
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<tr>
<td>Prakorn Kittipoomwong</td>
<td>King Mongkuts University of Technology North Bangkok</td>
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<td>Jen Nan Sheen</td>
<td>Cheng Shiu university</td>
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<td>C. Bor Fuh</td>
<td>National Chi Nan University</td>
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<td>Chiratus Ratanamaneichat</td>
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<td>Simon Fraser University</td>
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<td>Shigeo Honma</td>
<td>Tokai University</td>
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<tr>
<td>Harun Gümrükçü</td>
<td>Akdeniz University</td>
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Stefanie Alexa Stadler  
Nanyang Technological University

Jaw-Fang Lee  
National Cheng Kung University

Louis Angelo Macapili Danao  
University of the Philippines

Chi-Chang Chen  
I-Shou University

Wasutida Nurittamont  
Rajamangala University of Technology Suvarnabhumi

Victor P. Lau  
Hang Seng Management College

Chung-Hung Lin  
National Cheng Kung University

Pongchanun Luangpaiboon  
Thammasat University

Chow Hau Siu Irene  
Hang Seng Management College

Thelma V. Pagtalunan  
Bulacan State University

Shin-Rong Shia-Hou  
Yuan Ze University

Ilyas Uygur  
Duzce University

Shigeo Honma  
Tokai University

Stephanie Lee  
Hong Kong Polytechnic University

Pichayalak Pichayakul  
Chiang Mai University

Cherng-Yuh Su  
National Taipei University of Technology

Angsumalin Senjuntichai  
Chulalongkorn University

Pusit Pookmanee  
Maejo University

Chih-Chiang Hsu  
National Central University

Patcharin Sirasoonthorn  
Faculty of Social Sciences, Naresuan University

Sang-Yeup Park  
Gangneungwonju National University

Chin-Sheng Chen  
National Taipei University of Technology

Teerapong Senjuntichai  
Chulalongkorn University

Michiko Miyamoto  
Akita Prefectural University
Kiho Song, Hannam University
Hsien-Tai Chiu, National Cheng Kung University
Yaw-Ling Lin, Providence University
Suchada Ratanakongnate, King Mongkuts University of Technology North Bangkok
Narumon Saardchom, NIDA Business School
Jongho Kim, Hoseo University
Lina Budianto, Tarumanagara University
Yong Won Seo, Chung-Ang Business School
Welcome Speech

Ballroom        12:20-12:30        Tuesday, July 21

International Liaison:

Michiko Miyamoto

Professor
Faculty of Systems Science and Technology
Department of Management Science and Engineering
Akita Prefectural University Japan

Honorable Chairman:

Yong-Won Seo

Professor
Operations Management & Management Science
Chung-Ang University Business School (CBS), Seoul, Korea
Nature Science Keynote Speech

Raffaeollo 09:00-10:30 Tuesday, July 21

**Topic:** Strategic Potential Use of Layered Double Hydroxides as Electrode Materials for Supercapacitors

Kwun Nam Hui  
School of Materials Science and Engineering, Pusan National University, San 30 Jangjeon-dong, Geumjeong-gu, Busan 609-735, Republic of Korea

Abstract

With the sharp increase in the world energy-use over the past decades, there has been considerable interest in searching for high-performance energy storage systems, such as lithium ion batteries and supercapacitors (SCs). SCs have attracted considerable interest over the past few decades owing to their fast charge and discharge rate, high power density, long cycle life, and high reliability. Owing to such features, SCs have been used in advanced applications, such as portable electronic devices, hybrid electric vehicles, integration with fuel cell and battery, and emergency doors on the Airbus A380. Generally, SCs can be divided into two types, which rely on different electron storage mechanisms: electrical double layer capacitors (by ion adsorption) and pseudocapacitors (by fast surface redox reactions). Pseudocapacitors normally utilize transition metal oxides/hydroxides as electrode materials, producing capacitances exceeding those of double-layer carbonaceous materials. Therefore, the pseudocapacitive performance has been studied extensively.

In this talk, the speaker presents his recent work in the development and applications of 3D nanostructured layered double hydroxide (LDH) materials for SCs. First, he describes how the synergistic effect of layered double hydroxide/graphene nanosheets (LDH/GNS) nanocomposite enhances specific capacitance. Second, he illustrates how to achieve high energy density at high current density as well as high rate capability of LDH/GNS electrodes for applications in SCs by reducing the equivalent series resistance and the charge transfer resistance of the electrode. Third, he demonstrates dopant and core-shell structure as effective methods of fabricating high conductive LDH materials for achieving a higher pseudocapacitive performance.
**Biography**

Dr. Kwun Nam HUI is an associate professor at the Department of Materials Science and Engineering of Pusan National University (PNU) in South Korea. He obtained his B.Sc. degree in Physics from the Hong Kong University of Science and Technology in 2003 and his M.Phil. and Ph.D. degrees in Electrical and Electronic Engineering from the University of Hong Kong in 2007 and 2009, respectively. He worked as a postdoctoral associate in 2009 at the Institute of Advanced Materials, Devices, and Nanotechnology, Rutgers, The State University of New Jersey. He contributed to the development of the ultrafast photonic crystal waveguide modulator for communication. He joined Pusan National University in the fall of 2009. Thus far, he has conducted research in different areas related to energy and the environment, including Li-ion battery, supercapacitor, and electrode materials for direct methanol/direct hydrogen peroxide fuel cell, hydrogen production by methanol steam reforming, solid-state lighting, desiccant cooling, removal of volatile organic compounds in air, and wastewater treatment. His major contributions include the use of fluorescent nanospheres for proprietary white-light LEDs, design and implementation of proprietary vertically stacked polychromatic LED structure for color-tunable LEDs, first report of UV-stimulated emission from pivoted GaN-on Si microcavities, first demonstration of UV lasing of GaN nanopillar structure at room temperature, first demonstration of synergetic effects of MnO2/graphene composite to improve catalytic ozonation of gaseous toluene, development of reusable catalyst chip for wastewater treatment, green method for synthesizing graphene, metal (oxide)/graphene composite for fuel cell applications, and production of hierarchical N-doped porous carbon from biowastes as electrode materials for supercapacitors. As principal investigator, he has managed 12 research projects with a total research grant of USD 0.5 million. His research has led to one US patent, eleven Korea patents, four review papers, three book chapters, >90 peer-reviewed SCI journal papers, and >50 conference papers. He has served as lead guest editor/guest editor/member of the editorial board of a number of journals, such as Frontier, Reviews in Advanced Sciences and Engineering, Journal of Nanomaterials, Current Nanoscience, The Scientific World Journal, and Scientific Journals International. He was in the organizing committee of the 4th Conference on New Energy and Sustainable Development. His current research focuses on synthesis of hierarchical carbon/graphene materials as well as on the development of 3D hierarchical layered double hydroxide materials as advanced electrode materials for energy storage and conversion applications.
Social Science Keynote Speech
Raffaeollo 10:45-12:15 Tuesday, July 21

Topic: Strategic Thinking as a Critical Factor of Business Competitiveness

José G. Vargas-Hernández, M.B.A.; Ph. D.
University Center for Economic and Managerial Sciences, University of Guadalajara
Periférico Norte N° 799, Edif G201-7. Núcleo Universitario
Los Belenes, C.P. 45100,
Zapopan, Jalisco, México

Abstract
The aim of this paper is to analyze how the answers to the questions of strategic thinking can be a critical factor in business competitiveness and contribute to the success of it, considering as the theory based on industry and resource-based theory. The mother made is questioning how can you maintain the strategic mindset when evaluating the objectives and resources of the company with respect to the forces governing competition? The method used was to build an analytical relationship between strategic thinking and competitive forces to design strategies that allow internal resources considering the execution or turn contribute positively affect profitability.

Keywords: Competitive advantage, diversification, firm profit, firm.
JEL: L250 Firm performance: size, diversification, and scope

Speaker Introduction:
Member of the National System of Researchers of Mexico. Research professor at University Center for Economic and Managerial Sciences, University of Guadalajara. Visiting professor at Carleton University, Ottawa, Canadá. Visiting Scholar, University of California-Berkeley, Professor PhD in managerial and organizational Sciences at Universidad Lasalle and Universidad Cristóbal Colón. Professor of PhD programs at Universidad Autónoma de Durango and Universidad de Durango. Profesor Universidad Vizacaya de las Américas. Professor Universidad de Colima. Adviser of PhD programs at Universidad Autónoma de Aguascalientes.
PhD in Public Administration (Columbia University), PhD in Economics (Keele University, England). Other studies in PhD in Organisational Behaviour (Lancaster University). Master of Business Administration in Industrial Management (Pacific States University). Marketing Certificate (The British Institute of Marketing). Diploma in Philosophy (Universidad Panamericana). Bachelor in Commercial Relations, Instituto Politécnico Nacional. Studies of Bachelor in Law, UNAM.

Oral Sessions – July 20

Marketing 1

Roma

2015/07/20 Monday 14:00-15:30

Session Chair: Prof. Pattarika Maneepun

BREFM-22350
The Effect of Animated Spokes-Character Type on Advertisement Persuasion: The Moderating Role of Product Benefit and Multisensory Integration
Ya-Hui Hsu | Ming Chuan University
I-Chen Wu | Ming Chuan University

BREFM-22387
The Effects of Web site Characteristics on Experiential Quality, Customer Satisfaction, and Online Purchase Intention: an Example of Online Cosmeceuticals Store
Yie-Fang Kao | Fu Jen Catholic University
Shang-Chia Liu | Fu Jen Catholic University
Ting-Yu Chen | Fu Jen Catholic University

BREFM-22420
The Effect of Different Lucky Product Types on Inaction Inertia in Different Situations
Li-Shia Huang | Fu Jen Catholic University
Wan-Jung Hsieh | Fu Jen Catholic University

ISBSS-4362
Procedure in Increasing the Potential and Collaboration of Housewife Agriculture Community of Pa Pai Sansai, Chiang Mai
Pattarika Maneepun | Maejo University

ISBSS-4386
Voluntary Disclosure of Non-Finance Information and Value Relevance: Finance and Securities Sector in Thai Listed Companies
Donlaya Chaiwong | Maejo University
Arunee Yodbutr | Maejo University
Education 1
Venezia
2015/07/20 Monday 14:00-15:30
Session Chair: Prof. Supong Tangkiengsirisin

ISBSS-4278
How University Students Choose Elective Courses
Jing Bill Xu | the Hong Kong Polytechnic University

ISBSS-4290
Pattern Analysis of Biological Concept Visualization for Science Gifted Students
Young Mee Kim | Korea Science Academy of KAIST
Kwang Il Kang | Korea Science Academy of KAIST

ISBSS-4326
Returning Home Experiences of Thai Graduated from Australian University
Veenunkarn Rujiprak | Mahidol University

ISBSS-4331
Cross-Cultural Adjustment of International Students in Thailand
Sanyapong Limprasert | Rangsit University
Veenunkarn Rujipak | Mahidol University

ISBSS-4390
Effects of Group Peer Feedback and Revision on Business Writing Performance
Supong Tangkiengsirisin | Thammasat University
Management 1
Raffaeollo
2015/07/20 Monday 14:00-15:30
Session Chair: Prof. Kalayanee Senasu

BREFM-22299
High-Performance Work Systems, Joint Impacts of Transformational Leadership and Empowerment Climate, and Organizational Ambidexterity: Cross level Evidence
Yi-Ying Chang | National Taiwan University of Science and Technology

BREFM-22374
Happiness in Thailand: Determinants, and the Moderating Role of Religiosity
Kalayanee Senasu | National Institute of Development Administration
Anusorn Singhapakdi | Old Dominion University

BREFM-22831
The Relationships between Diversity Management and Employer Branding
Teresa Kupczyk | The University of Business in Wroclaw
Joanna Kubicka | The University of Business in Wroclaw
Aneta Szymańska | The University of Business in Wroclaw
Anna Oleszkiewicz | The University of Wroclaw

BREFM-22394
The Effects of Organizational Socialization on Individual Identification and Organizational Citizenship Behavior: Focusing on Cross-Level Analysis
Yong-Sun Chang | Chosun University
Mang Zhang | Chosun University
Organizational Resilience in River Basin Organization: Adaptation to Changes in Lao PDR

Pichai Uamturapojn | Udon Thani Rajabhat University
Civil Engineering 1
Michaelangelo
2015/07/20 Monday 14:00-15:30
Session Chair: Prof. Nansheng Li

ICEAS-3367
Seismic Performance of Perforated Concrete Walls with or without Seismic Slits
Tetsuya Ohmura | Tokyo City University
Ryota Ishii | Tokyo City University

ICEAS-3393
A Mountainous Groundwater Flow Model
Yuan-Heng Wang | National Taiwan University
Jing-Fan Jan | National Taiwan University
Cheng-Wei Chang | National Taiwan University
Liang-Hsiung Huang | National Taiwan University
Chih-Chieh Young | National Taiwan University

ICEAS-3411
Modified Genetic Algorithm for Slope Stability of Earth-Rock Dams
Nansheng Li | Tongji University
Pengcheng Mao | Tongji University
Xia Li | Tongji University
Bo Tang | Tongji University

ICEAS-3443
The Application of Photogrammetry in Street Façade Reconstruction
Naai-Jung Shih | National Taiwan University of Science and Technology

ICEAS-3465
Investigation of ASR Product in Conducting Model Experiments of Reactive Chert at Highly Alkaline Conditions
Lalita Baingam | Hokkaido University
Toyoharu Nawa | Hokkaido University
Eiji Iwatsuki | Aichi Institute of Technology
ICEAS-3502
Structural Performance of Hybrid Substructure for Offshore Wind Turbine
Duho Lee | Korea Institute of Civil Engineering and Building Technology
Younju Jeong | Korea Institute of Civil Engineering and Building Technology
Youngjun You | Korea Institute of Civil Engineering and Building Technology
Minsu Park | Korea Institute of Civil Engineering and Building Technology
ICEAS-3684
Emerging Device-to-Device Communication in 5G Networks
Wei Lun Kuo | Department of Computer Science and Information Engineering, National Chiayi University
Hao-Li Wang | Department of Computer Science and Information Engineering, National Chiayi University

ICEAS-3567
A High Payload Reversible Data Hiding Scheme Using Dual Images
Jau-Ji Shen | National Chung Hsing University
Chin-Feng Lee | Chaoyang University of Technology
Si-Ting Chen | National Chung Hsing University

ICEAS-3568
On the Contrast of Random Grid-Based Visual Secret Sharing for General Access Structure with Cheat-Preventing Ability
I-Chun Weng | National Chiayi University
Tzung-Her Chen | National Chiayi University

ICEAS-3578
A New Power-Scheduling Technique with Electricity Efficiency based on Evolutionary Algorithm in Smart Home
Yi-Ting Chen | National Kaohsiung University of Applied Sciences
Mong-Fong Horng | National Kaohsiung University of Applied Sciences
Chih-Shuh Shieh | National Kaohsiung University of Applied Sciences
Bin-Yih Liao | National Kaohsiung University of Applied Sciences
Jaw-Shyang Wu | Tajen University
ICEAS-3583
Subspace Identification for Web-Based Software Systems
Ágnes Bogárdi-Mészöly | Budapest University of Technology and Economics, Shizuoka University
András Rövid | Óbuda University
Shohei Yokoyama | Shizuoka University

ICEAS-3516
The Correlation Study among Personality Traits and Cognition of Science and Technology Law-An Example of Science and Technology University Students in Taiwan
Cheng Yuh-Ming | Shu Te University
Yen Chu-Rong | Wenzao Ursuline University of Languages
Wein-Duo Yang | National Kaoshiung University of Applied Sciences
Obtaining Honest Responses to Examine Information Security Deviant Behavior by Randomized Response Technique
Mike K. P. So | Hong Kong University of Science and Technology

Route Planner: A Value-added Service for Navigation Devices
Chen-Yi Lin | National Taichung University of Science and Technology
Chung-Ping Lu | National Taichung University of Science and Technology
Lin-Yen Chen | National Taichung University of Science and Technology
Sheng-Fu Lin | National Taichung University of Science and Technology
Chung-Hao Tsao | National Taichung University of Science and Technology

Factors Affecting the Disclosure of Location-Related Information on Facebook: A Self-Determination Perspective
Wei-Tsong Wang | National Cheng Kung University
Chun-Te Wu | National Cheng Kung University

Explore the Factors Influencing Audience Intention of Mobile App Use- The Case of Apple-Line FM Radio
Wan-Ning Wu | National Sun Yat-sen University
Feng-Yang Kuo | National Sun Yat-sen University
Chih-Yi Tseng | National Sun Yat-sen University
Hsiu-Hui Tsai | National Sun Yat-sen University

Open the Black Box: How Do Active Participation and Passive Participation Influence Members’ Continuance Intention in Virtual Communities?
Yu-Hui Fang | Tamkang University
Finance & Accounting 1

Venezia

2015/07/20 Monday 15:45-17:15

Session Chair: Prof. Yaxuan Qi

BREFM-22839
Do Foreign Investors Care About Corporate Governance in Korea?
Yoo Kyung Lee | Korea University Business School
Myeong Hyeon Cho | Korea University Business School

BREFM-22447
Investor Perception of Managerial Discretion in Valuing Stock Options: An Empirical Examination
Chii-Shyan Kuo | National Taiwan University of Science and Technology
Xu (Frank) Wang | Saint Louis University
Shih-Ti Yu | National Tsing Hua University

BREFM-22413
Evaluate VaR for Equity-Linked Annuities by Forecasting Volatility of S&P 500 Index Return
Sun-Yong Choi | Pohang University of Science and Technology
Kwang Ik Kim | Pohang University of Science and Technology

BREFM-22419
Yaxuan Qi | City University of Hong Kong
Lukas Roth | University of Alberta
John Wald | University of Texas San Antonio

ISBSS-4484
An Investigation on Foreign Exchange Exposure among Listed Company in Malaysia
Norshafizah Binti Hanafi | Universiti Utara Malaysia
Fazilah Binti Mohd Othman | Universiti Utara Malaysia
Priya A/P Selvaraju | Universiti Utara Malaysia
Life Science 1
Raffaeollo

2015/07/20 Monday 15:45-17:15

Session Chair: Prof. Paul Chi Hang Li

IBCELC-987
Gefitinib Enhanced Cancer Drug Uptake in the Same Single Non-Small-Cell lung Cancer Cells Observed in Real-Time in the Microfluidic Biochip
Paul Chi Hang Li | Simon Fraser University
Avid Khamenehfar | Simon Fraser University
Elaine Lai Han Leung | Macau University of Science and Technology

IBCELC-1027
Alterations of Extracellular Matrix Metabolism by Small Myristoyl Peptides
Haeyoung Kwon | Dongduk Women’s University
Myung Ok Kim | Miwon Commercial Co. Ltd.
Seyeon Park | Dongduk Women’s University

IBCELC-1077
Structure-Based Discovery of a Novel PTP1B Inhibitor: New Leads to Combat Type 2 Diabetes
Shabana Bibi | Maebashi Institute of Technology
Katsumi Sakata | Maebashi Institute of Technology

IBCELC-1089
A Robotic Hand Exoskeleton for Re-Training Hand Function after Stroke
Mohd Nor Azmi Bin Ab Patar | Shibaura Institute of Technology
Takashi Komeda | Shibaura Institute of Technology
Low Cheng Yee | Universiti Teknologi MARA
Jamaluddin Mahmud | Universiti Teknologi MARA
Electrical and Electronic Engineering 1
Michaelangelo
2015/07/20 Monday 15:45-17:15
Session Chair: Prof. Kouji Shibata

ICEAS-3784
Model Building and Validation of Novel LED/TEG Module with Active Cooling Ability
Huan-Liang Tsai | Da-Yeh University
Phuong Truong Le | Da-Yeh University

ICEAS-3318
Development of an Ultra-small Sensor Information Remote Monitoring System with an Embedded VPN and Linux Microcomputer Operation
Kouji Shibata | Hachinohe Institute of Technology
Kazuma Hanada | Hachinohe Institute of Technology

ICEAS-3506
Impacts of Grid Connected Solar Rooftop on PEA’s Distribution System in the Pluak Daeng 3 Substation, Thailand
Sarayuth Tidtee Wetchakama | Provincial Electricity Authority Area 2 (Central) Chonburi
Nichagoon Tony Imtem | Naresuan University

ICEAS-3640
Design of Computation-Efficient Image Scaling Algorithm
Fang-Hsu Tsai | Yuan Ze University
Yu-Hsuan Lee | Yuan Ze University
Chao-Chyun Chen | Yuan Ze University

ICEAS-3469
Measuring the Economic Values of Energy Storage System in the Smart Grid Using an Optimal Energy Consumption Scheduling Game Model
Deokjoo Lee | Kyung Hee University
Taegu Kim | Joint Chiefs of Staff
A Study of Performance on Ad-Hoc Network with Polar Code
Tanaporn Payommai ︱ Valaya Alongkorn Rajabhat University
Environmental Sciences 1

Davinci

2015/07/20 Monday 15:45-17:15

Session Chair: Prof. Seigo Sakai

ICEAS-3868
Socio-Economic Assessment Livestock of Cattle Breeders and its Effect on Waste Management going to Environmental Sustainability
James Hellyward | Andalas University
Basri Basyar | Andalas University
Tertia Delia Nova | Andalas University
Jafrinur | Andalas University

ICEAS-3888
Analytical Study on Bird Flu Transmission Process within Poultry Farm
Tertia Delia Nova | Andalas University
Arrival Rince Putri | Okayama University
Masaji Watanabe | Okayama University

ICEAS-3830
Prediction of Fog Layer Formation and Extinction Using Numerical Analysis of Radiative-Conductive Heat Transfer
Seigo Sakai | Yokohama National University
Economics 1

Roma

2015/07/21 Tuesday 09:00-10:30

Session Chair: Prof. Somskaow Bejranonda

BREFM-22337
Stated Preferences for Cycling Management in Bangkok
Somskaow Bejranonda | Kasetsart University
Valaiporn Attanandana | Kasetsart University

BREFM-22363
Cigarette Tax Avoidance Behavior of Thai Smoker in Bangkok
Aunkung Saelim | Kasetsart University
Valaiporn Attanandana | Kasetsart University

BREFM-22432
The Effects of ASEAN Economic Community on Refrigerator Industry of Thailand
Chayun Pipoblabanan | Kasetsart University

ISBSS-4412
The Impacts of Chinese Currency Fluctuations on Global Textile and Clothing Exporting Countries: An Computable General Equilibrium Approach
Man-Chong Wong | The Hong Kong Polytechnic University

ISBSS-4497
The Modernization of Puppet Creative Industry Based on Sociopreneurship to Reconstruct the National Identity among Youth
Andika Eko Prasetyo | Semarang State University
Selma Lady Diana | Semarang State University
Qurrota A’yun | Semarang State University
Hadi Sucipto | Semarang State University
Business 1 / Management 2
Venezia
2015/07/21 Tuesday 09:00-10:30
Session Chair: Prof. Safak Aksoy

BREFM-22791
Catastrophe Risk Capital Charge: Evidence from the Thai Non-Life Insurance Industry
Thitivadee Chaiyawat | Chulalongkorn University
Pojjanart Vinijpitayakul | Chulalongkorn University

ISBSS-4408
Potential Assessment of Agro-Tourism Awarded by the Philosophy of Sufficiency Economy Project in Thailand
Baifern Wongbuangam | Rajamangala University of Technology Phra Nakhon
Muksuda Poolsawat | Kasetsart University Sriracha Campus

ISBSS-4413
Leveraging a New E-Commerce Strategic Framework for the Cultural and Creative Industries
Aleck C. H. Lin | National Dong Hwa University

ISBSS-4425
Developing a Situation Analysis Framework for Five-Star Resort Hotels
Tugba Gurcaylilar-Yenidogan | Akdeniz University
Beykan Cizel | Akdeniz University
Bahattin Ozdemir | Akdeniz University
Safak Aksoy | Akdeniz University

ISBSS-4490
Community Development Tourism and Sustainable Development
Shao Sung Lo | China University of Science and Technology
Yu Mei Lin | China University of Science and Technology
BREFM-22326
Information Sharing as an HRM Practice: The Moderating Role of Flexible Manufacturing Strategy
Rhokeun Park | Hankuk University of Foreign Studies
Education 2
Michaelangelo

2015/07/21 Tuesday 09:00-10:30
Session Chair: Prof. Suresh Sharma

ISBSS-4437
Education and its Repercussions on Contraceptive Choices of Indian Women
Suresh Sharma | Institute of Economic Growth

ISBSS-4352
Facing the Challenges of New Curriculum Guidelines for Preschool in Taiwan: Music in Action
Mei-Ying Liao | Ming Hsin University of Science and Technology
Lee-Ching Wei | Nanya Institute of Technology

ISBSS-4387
The Relationship among Metacognitive Strategies, Self-Determined Motivation, and Creative Thinking Process
Yi-Ting Tsai | National Cheng Kung University
Shu-Ling Peng | National Cheng Kung University

ISBSS-4334
Tertiary Students’ Entrepreneurial Career Choice of Entrepreneurship-Embedded Internship Programs
Chun-Mei Chou | National Yunlin University of Science and Technology
Chien-Hua Shen | Transworld Institute of Technology
His-Chi Hsiao | Cheng Shin University
Su-Chang Chen | National Penghu University of Science and Technology
Hui-Tzu Chang | National Chiao Tung University
Jing-Yi Chen | National Yunlin University of Science and Technology
Finance & Accounting 2
Davinci
2015/07/21 Tuesday 09:00-10:30
Session Chair: Prof. Senee Puangyanee

BREFM-22411
The Relationship between Ethics of Certified Public Accountant to Asean Economic Community Preparedness of Certified Public Accountant (CPA) in Thailand
Dararat Phoprachak | Rajamangala University of Technology Suvarnabhumi
Jiraporn Kradphet | Rajamangala University of Technology Suvarnabhumi

BREFM-22412
Compare the Level of Corporate Responsibility Disclosure on Performance on Listed Companies the Stoke Exchange of Thailand
Naraporn Sukyoo | Rajamangala University of Technology Suvarnabhumi
Dararat Phoprachak | Rajamangala University of Technology Suvarnabhumi

BREFM-22416
The Relationship between Corporate Governance Disclosure and Return of Equity of Stakeholders Listed Companies the Stoke Exchange of Thailand
Senee Puangyanee | Rajamangala University of Technology Suvarnabhumi
Upawadee Neungvanna | Master plan 101 Co.
Dararat Phoprachak | Rajamangala University of Technology Suvarnabhumi

BREFM-22459
The Information Content of Intraday Implied Volatility for Volatility Forecasting
Yaw-Huei Wang | National Taiwan University
Yun-Yi Wang | Feng Chia University

BREFM-22355
Do Bank Regulation and Supervision Stabilize the Banking System? A Cross-Country Extreme Systematic Risk Analysis
Chinpiao Liu | National Chung Cheng University
An-Sing Chen | National Chung Cheng University
Hsiaofeng Lin | Da-Yeh University
ICEAS-3425
Thermal Runaway Simulations of Several Cathode Materials of Lithium-ion Batteries with Ethylene Carbonate
Yu-Ling Chen | National United University
Yih-Shing Duh | National United University
Chen-Shan Kao | National United University

ICEAS-3464
Osmotic Dehydration Kinetics of Coated Guava
Heng Jin Tham | Universiti Malaysia Sabah
Jau Shya Lee | Universiti Malaysia Sabah
Li Eng Teo | Universiti Malaysia Sabah
Mariani Rajin | Universiti Malaysia Sabah

ICEAS-3489
Production and Engine Performance Characteristics of Pyrolysis Oil from Recycled High Density Polyethylene
Prakorn Kittipoomwong | King Mongkuts University of Technology North Bangkok
Chedthawut Poompipatpong | King Mongkuts University of Technology North Bangkok
Karn Pana-Suppmassadu | King Mongkuts University of Technology North Bangkok
Monpilai Narasingha | King Mongkuts University of Technology North Bangkok

ICEAS-3499
Comparison of Microalgae Lipids Cultured in Various Sea Waters
Cherng-Yuan Lin | National Taiwan Ocean University
Suz-Hsien Wu | National Taiwan Ocean University
Chia-Shin Yang | National Taiwan Ocean University
ICEAS-3513

Extraction of Coconut Oil from Coconut Milk Foulants
Phanida Saikhwan | Thammasat University
Kvisra Jarungsorasak | Thammasat University
Varunthon Opaspong | Thammasat University
Chanokchat Nuchnet | Thammasat University
Wannakarn Wanakayont | Thammasat University
Angkana Suksa-Nga | Thammasat University

ICEAS-3921

Characterization on the Thermal Runaway of Commercial 18650 Lithium-ion Batteries Used in Electric Vehicle
Yih-Shing Duh | Jen-Teh Junior College of Medicine, Nursing and Management
Meng-Ting Tsai | National United University
Chen-Shan Kao | National United University
Electrical and Electronic Engineering 2
Venezia
2015/07/21 Tuesday 10:45-12:15
Session Chair: Prof. Jen Nan Sheen

ICEAS-3850
Fiber Fabry-Pérot Interferometers Based on Microgap of Water
Cyun-Lun Zeng | National United University
Wei-Chieh Lee | National United University
Fan-Bean Wu | National United University
Yan-Wun You | National United University
Wei-Ren Wu | National United University
Cheng-Ling Lee | National United University

ICEAS-3873
The Electrostatic Characteristics of Polar Micro-Liquids Measured by a Micro-Airbubble in Liquid-Core Fiber
Tung-Yuan Yeh | National United University
Chung-Hao Tseng | National United University
Cheng-Ling Lee | National United University

ICEAS-3749
The Modeling of Multi-Layer Grating Structures for Electromagnetic Shielding
ByeongJun Park | Hankuk Academy of Foreign Studies
HyunJun Park | Hankuk Academy of Foreign Studies
SungMin Kim | Hankuk Academy of Foreign Studies

ICEAS-3820
Financial Possibility Analysis for Rooftop Solar Photovoltaic Project in Taiwan
Jen Nan Sheen | Cheng Shiu University
ICEAS-10723
3D Visual Discomfort Assessment Using Eye Expression Analysis
Ricky Christanto | Chung Yuan Christian University
Shaou-Gang Miaou | Chung Yuan Christian University
Ying-Cheng Lin | Chung Yuan Christian University
Dong-Sheng Tsai | Chung Yuan Christian University

ICEAS-3841
All-Fiber Ultrasonic Vibration Sensor
Chung-Hao Tseng | National United University
Wei-Kang Chang | National United University
Cyun-Lun Zeng | National United University
Cheng-Ling Lee | National United University

ICEAS-3615
Improved Impulsive Noise Reduction Method using Clipping and Adaptive Filters in Rician Fading Channel
Sumrin M. Kabir | National University of Sciences and Technology (NUST)
Alina Mirza | National University of Sciences and Technology (NUST)
Shahzad A. Sheikh | National University of Sciences and Technology (NUST)
Biotechnology Engineering 1
Michaelangelo
2015/07/21 Tuesday 10:45-12:15
Session Chair: Prof. C. Bor Fuh

IBCELC-970
Biochemical Analysis Using Magnetic Immunoassay
C. Bor Fuh | National Chi Nan University
C. S. Li | National Chi Nan University
S. F. Yang | National Chi Nan University
J. R. Chan | National Chi Nan University
Y. M. Su | National Chi Nan University

IBCELC-1012
Synthesis of Gold Nanoparticles for Cellular Uptake and Analysis of Surface Enhanced Raman Scattering
You-Ru Lai | National Taiwan University of Science and Technology
Ming-Hua Ho | National Taiwan University of Science and Technology

IBCELC-1015
Nitric Oxide-Releasing Chitosan-Based Electrospun Nanofibrous Scaffolds
Paul Noel Quirante Lumapat | National Taiwan University of Science and Technology
Ming-Hua Ho | National Taiwan University of Science and Technology

IBCELC-1091
Brain Activation Patterns Measured by a Functional near Infrared Spectroscopy (fNIRS) and a Commercial Non-Invasive Brain-Machine Interface (BMI) System
Jung Hwan Kim | Korea National Rehabilitation Center
Jeong Won Yi | Korea National Rehabilitation Center
Kwang Ok An | Korea National Rehabilitation Center
Hyun Choi | Korea National Rehabilitation Center
Seong Jae Lee | Korea National Rehabilitation Center
Computer and Information Sciences 2
Davinci

2015/07/21 Tuesday 10:45-12:15

Session Chair: Prof. Hung-Yu Chien

ICEAS-3531
Cloud City Traffic State Assessment System Using a Novel Architecture of Big Data
Chao-Tung Yang | Tunghai University
Yin-Zhen Yan | Tunghai University
Shuo-Tsung Chen | Tunghai University

ICEAS-3758
Another Effective Approach to Detect SQL Injection and Business Intelligence Using Splunk
Hung-Yu Chien | National Chi Nan University
Meng-Yuan Chiang | National Chi Nan University
Yi-Ting Hsin | National Chi Nan University
Chun-Pei Hung | National Chi Nan University

ICEAS-3316
A Summarization Approach to Analyzing Multi-Criteria Decision Tables
Yen-Liang Chen | National Central University

ICEAS-3504
Genetic Minimum Matrix Search Algorithm Applied to Large TSPs
Michael Manuel Smith | Yuan Ze University
Yun-Shiow Chen | Yuan Ze University

ICEAS-3618
Miss-Read Trace System for RFID Data Based on Process Mining in Automotive Paint Shop
Hee-Ju Jin | Dongguk University
Yong-Shin Kang | Dongguk University
Yong-Han Lee | Dongguk University
Psychology 1

Roma

2015/07/21 Tuesday 13:30-15:00

Session Chair: Prof. Duangduen Bhanthumnavin

**ISBSS-4196**

Development and Validation of Research-Based Performance Scale in Thai Scholars

Duchduen Bhanthumnavin | National Institute of Development Administration

**ISBSS-4245**

Development of Research-Like Activities in Everyday Life Measure and Association with Core Self-Evaluation Scale in Thai Undergraduate Students

Duchduen Emma Bhanthumnavin | National Institute of Development Administration

Duangduen Bhanthumnavin | National Institute of Development Administration

**ISBSS-4363**

The Moderating Effect of Positive Psychological Capital on the Relationship between Organizational Socialization and Commitment

Bung-On Sorod | National Institute of Development Administration

**ISBSS-4399**

Football Players’ Satisfaction: An Exploratory Factor Analysis

Azlina Zid | Universiti Teknologi MARA

Rozita Amiruddin | Universiti Kebangsaan Malaysia

Mohammad Adzly Rajli | Universiti Teknologi MARA

Siti Sakinah Ismail | Universiti Teknologi MARA
BREFM-22836
Cloud Computing Implementation Barriers from Information System Perspective
Peng-Ting Chen | National Kaohsiung University of Applied Sciences
Ya-Ci Ke | National Kaohsiung University of Applied Sciences
Kuan-Chen Li | National Kaohsiung University of Applied Sciences

ISBSS-4439
Entrepreneurship and Strategic Resources Management from Islamic Perspective
Zanatul Shima Aminuddin | Universiti Sains Islam Malaysia

ISBSS-4613
The Combination of Consumers’ Cognitive States and the Salespeople’s Persuasive Techniques
Kang-Ning Xia | Yuan Ze University

ISBSS-4415
Taking Advantage of Information Technology to Involve Customer in the Process of Value Creation
Yong Nie | Japan Advanced Institute of Science and Technology
Michitaka Kosaka | Japan Advanced Institute of Science and Technology

ISBSS-4622
Influences of Cross-Cultural Endorsers, Brand Awareness and Product Type on Advertising Effectiveness as Moderated by Customer Cultures
Yu-Tse Lin | Fu Jen Catholic University
Chung-Yun Feng | Fu Jen Catholic University
Management 3
Raffaeollo

2015/07/21 Tuesday 13:30-15:00

Session Chair: Prof. Chiratus Ratanamaneichat

BREFM-22402
A Development Model for Sustainable Thai Agricultural Co-Operatives
Chiratus Ratanamaneichat | Kasem Bundit University
Sakchai Rakkarn | Kasem Bundit University
Senee Suwandee | Kasem Bundit University
Wilailuk Nakraungrueng | Park Hai Agricultural Co-Operative Ltd.

BREFM-22407
A Model of Thai Agricultural Co-Operative Product Development for Niche Market
Sakchai Rakkarn | Kasem Bundit University
Chiratus Ratanamaneichat | Kasem Bundit University
Senee Suwandee | Kasem Bundit University
Wilailuk Nakraungrueng | Park Hai Agricultural Co-Operative Ltd.

BREFM-22431
Perceptions of Office Romance: Do Direct Experience and Social Cues Make Differences?
Melien Wu | National Chiayi University
Kuang-Yu Tien | Air Force Institute of Technology

BREFM-22806
Pricing and Service Decisions for Differentiated Demand under a Nonpreemptive Priority Service Discipline
Chih-Kai Chen | National Cheng Kung University
Chung-Chi Hsieh | National Cheng Kung University
ISBSS-4426
Exploring the Relationship between a Learning Organization and the Balanced Scorecard through a Learning Perspective
Chao-Hua Li | TransWorld University
Kun-Shan Su | St. Joseph's Hospital / Chu Shang Show Chwan Hospital
Szu-Ju Lin | TransWorld University

ISBSS-4414
Leadership Style and the Internal Processes in Communities of Practices
Chao-Hua Li | TransWorld University
Kun-Shan Su | St. Joseph's Hospital / Chu Shang Show Chwan Hospital
Shu-Fen Liu | TransWorld University
Biomedical Engineering
Michaelangelo
2015/07/21 Tuesday 13:30-15:00
Session Chair: Prof. Shu-Ping Lin

ICEAS-3417
Hand Motion Discrimination by Support Vector Machine Based on Electromyography of Wrist
Daiki Hiraoka | Tokushima University
Momoyo Ito | Tokushima University
Shin-ichi Ito | Tokushima University
Minoru Fukumi | Tokushima University

ICEAS-3434
Using Image Processing to Determine Subtalar Joint Position
Chien-Hung Lin | Chinese Culture University

ICEAS-3668
Asystole Cardiopulmonary Resuscitation Patient Evaluation via Ensemble Empirical Mode Decomposition, Entropy-Based Algorithm and Detrended Fluctuation Analysis
Muammar Sadrawi | Yuan Ze University
Wei-Zen Sun | National Taiwan University
Matthew Huei-Ming Ma | National Taiwan University
Chun-Yi Dai | National Taiwan University
Maysam F. Abbod | Brunel University London
Jiann-Shing Shieh | Yuan Ze University / National Central University
ICEAS-3842
Easy Approach to Integration of Carbon-Based Nanomaterials on Silicon Substrates for Fabricating Field-Effect Transistors
Shu-Ping Lin | National Chung Hsing University
Chia-Liang Sun | Chang Gung University
Yi-Chin Tsai | National Chung Hsing University

IBCELC-1076
Biological Conversion of Nipa Sap to Acetic Acid as an Important Biorefinery Precursor
Dung Van Nguyen | Kyoto University
Harifara Rabemanolontsoa | Kyoto University
Shiro Saka | Kyoto University

ICEAS-3795
NAT2 Gene as an Individualized Therapy for Tuberculosis: Pharmacogenomics Approach
Suhendra Praptama | Universitas Padjadjaran
ICEAS-3525
Numerical Analysis of a Hybrid Substructure for 5MW Offshore Wind Turbines
Min-Su Park | Korea Institute of Civil Engineering and Building Technology
Youn-Ju Jeong | Korea Institute of Civil Engineering and Building Technology
Young-Jun You | Korea Institute of Civil Engineering and Building Technology
Du-Ho Lee | Korea Institute of Civil Engineering and Building Technology

ICEAS-3527
Development of Mobile-Based Road Surface Investigation System for Night-Time Visibility Evaluation
Chunjoo Yoon | Korea Institute of Civil Engineering and Building Technology / University of Seoul
Young Rok Kim | Korea Institute of Civil Engineering and Building Technology

ICEAS-3584
Non-Destructive Inspection of Reinforcing Double Rebar Radius by Digital Image GPR Technique
Che Way Chang | Chung Hua University
Chen Hua Lin | Chung Hua University
Che An Tsai | Chung Hua University
Ching Cheng Jen | Chung Hua University
Hsiao Yi Chien | Chung Hua University
Pin Syun Huang | Chung Hua University

ICEAS-3599
Evaluation of Strut-And-Tie Model for Concrete Deep Beam Shear Reinforced with GFRP Plate
A Young Seo | Kyung Hee University
Eunsun Jo | Kyung Hee University
Heecheul Kim | Kyung Hee University
Min Sook Kim | Kyung Hee University
ICEAS-3613
One-Dimensional Consolidation Equation Based on the Viscoelastic Constitutive Equation of Clay Skeleton Deformation
Taisei Ino | Tokai University
Shigeo Honma | Tokai University

ICEAS-3620
Measurement of the Modulus of Elasticity and Coefficient of Viscosity of Consolidated Clay Using Clay Beams
Jun-Ichi Yokomizo | Tokai University
Shigeo Honma | Tokai University
Politics

Roma

2015/07/21 Tuesday 15:15-16:45

Session Chair: Prof. Harun Gümrükçü

ISBSS-4397
Illegal Lottery: A Large Size of Illegal Economy in Thailand
Rattaphong Sonsuphap | Rangsit University
Itsaree Phaksipaeng | Rangsit University

ISBSS-4430
Transformation Processes in the Arctic Region: Conflicts, Cooperation, and National Interests
Harun Gümrükçü | Akdeniz University
Selçuk Demirkılınc | Akdeniz University
Aybüke İnan | Akdeniz University

ISBSS-4466
Political Satire Show: Its Use Motivation and the Impact of Its Viewing Frequency on People’s Political Efficacy and Political Cynicism
Yah-Huei Hong | Fu Jen Catholic University
Po-Chin Lee | Fu Jen Catholic University
Min-Chi Tsai | Fu Jen Catholic University

ISBSS-4512
Institutional Adaptability in Local China: A Comparison Study of Wenzhou Model, Dongguan Model and Suzhou Model
Xiaoxiao Shen | Hong Kong University of Science and Technology

ISBSS-4631
A New Approach to Competition Policy: Optimization as the Primary Goal
Murray Bruce Stanley
Communication 1

Venezia

2015/07/21 Tuesday 15:15-16:45

Session Chair: Prof. Stefanie Alexa Stadler

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ISBSS-4422
Self-Renewal through the Creation Activities in Learner-Agency Class: A Case Study in Kyushu University
Xiaoyan Li | Kyushu University

ISBSS-4256
Communication of Japanization Paradigm in Asean Member Countries through a network of the Ship for Southeast Asian Youth Ship Program
Pichit Thi-in | Chandrakasem Rajabhat University
Patchanee Cheyjunya | National Institute of Development Administration
Kanchana Kaewthep | National Institute of Development Administration

ISBSS-4402
Television Format: Development, Ethical Reflections, and Cultural Proximity in the Globalization Era
Pei Tsai | Shih Hsin University
Ming-Jay Chang | Shih Hsin University

ISBSS-4482
Conflict Markers in Intercultural Business Communication
Stefanie Alexa Stadler | Nanyang Technological University

ISBSS-4579
Design a Communication Framework Based on Matrix Organization Chart
Kai-Wen Lien | Chienkuo Technology University
Yih-Jiun Lee | Chinese Culture University
ISBSS-4580
Research on the Influence Clothing Brands’ Crossover Have on Consumers’ Purchase Intent
Gu Jin  |  *Fu Jen Catholic University*
Chenhao Zhang  |  *Fu Jen Catholic University*
An Analytic Solution to the Problem of Water Waves Propagating over a Rectangular Trench
Jaw-Fang Lee | National Cheng Kung University
Lih-Fu Tu | National Cheng Kung University

Applying Mixed Integer Linear Programming to the Material Assignment Problem in Polarizer Production
Chi-Yang Tsai | Yuan Ze University
Ying-Jyun Chen | Yuan Ze University
Mechanical Engineering 1
Michaelangelo

2015/07/21 Tuesday 15:15-16:45

Session Chair: Prof. Louis Angelo Macapili Danao

ICEAS-3290
Performance and PIV Measurements on the Influence of Dynamic Stall on a Wind Tunnel Scale Vertical Axis Wind Turbine
Okeoghene Eboibi | Delta State Polytechnic
Louis Angelo Macapili Danao | University of the Philippines

ICEAS-3291
Steady Wind Performance of Camber Bladed Darrieus Wind Turbines: A Numerical Study
Michael De Los Santos Bausas | University of the Philippines
Louis Angelo Macapili Danao | University of the Philippines

ICEAS-3301
Online Modeling and Adaptive Feedforward Control of Piezoelectric Stack Actuator Driven Systems
Jin-Wei Liang | Ming Chi University of Technology
Hung-Yi Chen | Ming Chi University of Technology

ICEAS-3326
A Fin Design Problem to Determine the Optimum Shapes for Partially Wet Annular Fins
Cheng-Hung Huang | National Cheng Kung University
Yun-Lung Chung | National Cheng Kung University

ICEAS-3605
Development of a Meal Supporting Equipment with "Image Recognizing Interface" for Selecting the Position of Eating Object
Takeshi Yamasaki | Kumamoto University
Kazuhiro Fujiwara | Kumamoto University
Fumiko Kawashima | Kumamoto University
Hidehiro Hata | Kumamoto University
ICEAS-3561

Effect of Supercharging on the Combustion Characteristics of Some Selected Fuels

Uguru-Okorie Daniel Chukunembikpe | Landmark University
Dare Ademola A | University of Ibadan
Burluka Alexey | University of Leeds
ICEAS-3540
Using Single Mobile Anchor for Localization in Wireless Sensor Networks Based on Gosper Curve
Chi-Chang Chen | I-Shou University
Sheng-Bo Wang | I-Shou University

ICEAS-3626
Designs of Optimum MongoDB Shard Key for IoT Data Storage
Il-Ha Park | Dongguk University
Yong-Shin Kang | Dongguk University
Yong-Han Lee | Dongguk University

ICEAS-3966
Customer Routing Problem for Batching Time-Controlled Service Systems
Feng-Cheng Yang | National Taiwan University
Chia-Hsuan Su | National Taiwan University
Bryan Ni | National Taiwan University

ICEAS-3654
Innovative Business Model Development Based on Service Design- A Case Study of Internet of Things
Tung-Hsiang Chou | National Kaohsiung First University of Science and Technology
Jian-Hua Fu | National Kaohsiung First University of Science and Technology

ICEAS-3655
Novel Indexing Methods for Efficient Skyline Computations with Partially Ordered Domains
Chia-Che Chang | National Chung Cheng University
Yu-Ling Hsueh | National Chung Cheng University
Marketing 2

Roma

2015/07/21 Tuesday 17:00-18:00

Session Chair: Prof. Wasutida Nurittamont

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BREFM-22399
Service Quality of Hotel Business: An Empirical Study Influence on Service Loyalty
Wasutida Nurittamont | Rajamangala University of Technology Suvarnabhumi

BREFM-22421
The Effects of Lucky Appeal Strength on Consumer Responses toward Lucky Products
Li-Shia Huang | Fu Jen Catholic University
Ya-Ting Liao | Fu Jen Catholic University

BREFM-22828
Analysis of the Factors that Affect Consumers' Intention of Using Mobile Commerce in Taiwan
Chun-Yi Liu | National Changhua University of Education
Shih-Chi Chang | National Changhua University of Education

BREFM-22850
The Impact of Advertising Appeals and Authenticity on Advertisement
Lee-Yun Pan | National Yunlin University of Science and Technology
Pei-Chuan Tseng | Feng Chia University
ISBSS-4401
Effects of Intragroup Evaluation and Intergroup Competition on Prevention of the Free-Rider Problem and Promotion of Learning Achievement: Action Research in Higher Education
Victor P. Lau | Hang Seng Management College
Chow Hau Siu, Irene | Hang Seng Management College
Wong Yin Yee, Jody | The University of New South Wales

ISBSS-4529
K-12 Academic Preparedness: A Modular Approach of Mathematics for Filipino Students in Grade 12 Level
Evelyn Roque Camara | Bulacan State University

ISBSS-4523
Developing Direct Method in Learning Arabic for Early Childhood Education
Norfaezah Mohd Hamidin | Kolej Universiti Islam Antarabangsa Selangor (KUIS)

ISBSS-4617
The Impact of the Techniques and Tactics Appropriate by the Athletes’ in Phase Triple Jump and Their Relationships with the Finale Results
Zerf Mohammed | University Abdel Hamid Ibn Badis MOSTAGANEM ALGERIE
Mokkedes Moulay Idriss | University Abdel Hamid Ibn Badis MOSTAGANEM ALGERIE
Bengoua Ali1 | University Abdel Hamid Ibn Badis MOSTAGANEM ALGERIE
Guebli Abdelkader | University Abdel Hamid Ibn Badis MOSTAGANEM ALGERIE
Bendahmane Noureddine | University Abdel Hamid Ibn Badis MOSTAGANEM ALGERIE
KETRI Special Session: Business

Raffaeollo

2015/07/21 Tuesday 17:00-18:00

Session Chair: Prof. Yong Won Seo

**ISBSS-4650**
Managing Corporate Social Responsibility and Product Differentiation to Enhance Firms’ Profitability
Sunghee Lee | Korea e-Trade Research Institute
Heung-Jun Jung | Korea University Business School
Jum-Soon Lee | Korea e-Trade Research Institute

**ISBSS-4651**
Utilization and Performance of Electronic Trade: Evidence from Korea
Hye-Young Joo | Korea e-Trade Research Institute
Yong Won Seo | Chung-Ang Business School
Changbum Choi | Chung-Ang Business School

**ISBSS-4652**
Coordinating Behavioral Decisions in a Supply Chain which Trades Service Products
Yong Won Seo | Chung-Ang Business School
Mengdie Zhang | Chung-Ang Business School
Sungmin Kang | Chung-Ang Business School

**ISBSS-4653**
Joint Optimization Considering Number of Suppliers and Order Quantity under Suppliers’ Incomplete Capability and Disruptions
Zhen-Yan Jin | Chung-Ang Business School
Sunghee Lee | Korea e-Trade Research Institute
Yong Won Seo | Chung-Ang Business School
Duck Hee Lee | Chung-Ang Business School
A Study on the Application of the Principle of Good Faith and the Problems - Focusing on the International Commercial Contract Rules-

Seok-Beom Choi | Jeju Halla University
Han-Byul Choi | Chung Ang University
System and Naval Mechatronic Engineering

Michaelangelo

2015/07/21 Tuesday 17:00-18:00

Session Chair: Prof. Chung-Hung Lin

ICEAS-3799
Underwater TMS with Image Tracking System for Identification the Location of a Moving Light Source
Chung-Hung Lin | National Cheng Kung University
Chia-Kai Lin | National Cheng Kung University

ICEAS-3886
Dimple Technology for Reducing Ships Total Resistance and Fuel Oil Consumption Using Computational Fluid Dynamic (CFD) Approach
Fandhika Putra Santoso | Institut Teknologi Sepuluh Nopember
Putu Sadhvi Sita | Institut Teknologi Sepuluh Nopember
Irfan Syarif Arief | Institut Teknologi Sepuluh Nopember
ICEAS-3347
Determination of Improved Harmony Search Parameters via Modified Simplex and Constrained Response Surface Optimisation Methods
Pongchanun Luangpaiboon | Thammasat University

ICEAS-3365
Secure RFID Tag Ownership Transfer Protocol
Ren-Junn Hwang | Tamkang University
Hsiao-Yuan Lin | Tamkang University

ICEAS-3526
A Study and an Improvement of Knowledge Management in Thai Electronic Devices Manufacturers
Danupun Visuwan | Thammasat University
Oral Sessions – July 22

Management 4

Roma

2015/07/22 Wednesday 09:00-10:30

Session Chair: Prof. Chow Hau Siu, Irene

BREFM- 22553
The Quantitative Model of Better Integration on New Product Development
Cheng-An Tsai | Shih Chien University

ISBSS-4319
How Diversity and Inclusiveness Affect Work Performance
Wong Yin Yee | The University of New South Wales
Chow Hau Siu, Irene | Hang Seng Management College
Victor P. Lau | Hang Seng Management College

ISBSS-4382
Changes in Japanese-Style Management Considering Gender Perspective
Tomoko Komagawa | Hokkaido University

ISBSS-4406
The Role of Organization in Facilitating Knowledge Retention Activities in Sports Organizations: A Malaysian Experience
Siti Aishah Wahab | Universiti Teknologi MARA
Sohaimi Zakaria | Universiti Teknologi MARA
Dang Merduwati Hashim | Universiti Teknologi MARA

ISBSS-4442
Perceived Values, Customer Satisfaction and Behavioral Intentions of Choosing Add-On Services of Low Cost Carriers
Hsin-Hui Pu | Chinese Culture University
Yi-Ting Shih | Chinese Culture University
Drivers of Continuance Intention towards Cloud Computing Service: The Dedication and Constraint-Based Mechanism on Google Apps for Work (GAW)

Nalal Muna | Politeknik APP Jakarta
Education 4
Venezia

2015/07/22 Wednesday 09:00-10:30

Session Chair: Prof. Thelma V. Pagtalunan

ISBSS-4409
Cases Analysis on the Elderly-Children Intergenerational Integration Programs in Early Childhood Education Institutes in Korea
Eunju Kim | Pusan National University
Jooeun Song | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
Jiyoun Jung | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University

ISBSS-4417
A Study on Young Children’s Social Strategies in the Korean Traditional Play: Focusing on ‘Eoleumtaeng’ Play
Joeun Lee | BK21 Plus Eco-Edu System Research Team
Taekyung Kim | BK21 Plus Eco-Edu System Research Team
Heasoog Jo | Pusan National University

ISBSS-4518
Multiple Intelligences Teaching and Assessment: Its Influences on Filipino College Students’ Mathematics Performance and Learning Experiences
Rainilyn R. Leonardo | Bulacan State University

ISBSS-4522
Teaching Styles and Performance of the Filipino Faculty Members of the College of Science of the Bulacan State University, Philippines: An Assessment
Thelma V. Pagtalunan | Bulacan State University
ISBSS-4431
Impact of Happiness and Self-esteem on Stress in Pre-service Early Childhood Teachers
Haeik Hwang | Pusan National University
Jeonghwa Tak | BK21 Plus Eco-Edu System Research Team, Pusan National University
Hyunmi Kang | BK21 Plus Eco-Edu System Research Team, Pusan National University
Eunjung Kim | BK21 Plus Eco-Edu System Research Team, Pusan National University
Finance & Accounting 3
Raffaeollo
2015/07/22 Wednesday 09:00-10:30
Session Chair: Prof. Shin-Rong Shiah-Hou

BREFM-22404
Crossing of Psychological Barriers in the S&P500 Index and Index Futures: Market Dynamics and Their Interaction
Chueh-Yung Tsao | Chang-Gung University

BREFM-22389
Do Managers Disclose Non-GAAP Earnings to Manipulate Investors’ Perceptions after Regulation G?
Shin-Rong Shiah-Hou | Yuan Ze University
Yi-Yun Teng | Yuan Ze University

BREFM-22834
Lockup Provision and Institution Investors Trading
Po-Kai Huang | Aletheia University
Pang-Ru Chang | Shih Chien University
Yao-Min Chiang | National Taiwan University

BREFM-22846
Financial Hedging, Earnings Management, and Firm Value
Feng-Yi Chang | China University of Technology
Chin-Wen Hsin | Yuan Ze University
Shin-Rong Shiah-Hou | Yuan Ze University

BREFM-22439
Is the Disposition Effect Related to Locus of Control during Financial Crisis
Ya-Chung Sun | Vanung University
Pi-Hsia Yen | Vanung University
Mechanical Engineering 2
Michaelangelo
2015/07/22 Wednesday 09:00-10:30
Session Chair: Prof. Ilyas Uygur

ICEAS-3406
Study of Ice Propagation on a Substrate with Patterned Micropillars
Yugang Zhao ︱ Nanyang Technological University
Chun Yang ︱ Nanyang Technological University

ICEAS-3412
Jia-Kun Chen ︱ National Taiwan University

ICEAS-3456
The Needle Method for Measuring Iron Loss of Motor Stator in Revolving-Field
Shih-Yu Lin ︱ National Taiwan University / Hwa Hsia University of Technology
Shang-Chin Chou ︱ National Taiwan University
Wei-Lun Huang ︱ National Taiwan University
I-Haur Tsai ︱ National Taiwan University
Chia-Yun Tsai ︱ National Taiwan University
Jia-Yush Yen ︱ National Taiwan University

ICEAS-3472
Performance of Cryogenically Treated Punches in Blanking of AISI304 Stainless Steel Sheets
Ilyas Uygur ︱ Duzce University
Yusuf Arslan ︱ Duzce University
Husnu Gerenga ︱ Duzce University
Agata Jazdzewska ︱ Gdansk University of Technology

ICEAS-3349
Coplanarity Evaluation of a Virtual Probing Surface by Reverse Engineering Methods
Dar-Yuan Chang ︱ Chinese Culture University
Dong-Chen Wu ︱ Chinese Culture University
ICEAS-3554

Optimal Thermal Management of Additive Manufacturing Process by the Taguchi Method

Jia-Sheng Lee | Feng Chia University
Ling-Chang Ho | Feng Chia University
Jia-Bao Lee | Feng Chia University
Yung-Ming Lee | Feng Chia University
Civil Engineering 3

Davinci

2015/07/22 Wednesday 09:00-10:30

Session Chair: Prof. Shigeo Honma

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ICEAS-3622
Effect of Non-Darcy Flow in the Low Hydraulic Gradient Region on the Progression of One-Dimensional Consolidation of Saturated Clay
Ayato Murakami | Tokai University
Shigeo Honma | Tokai University

ICEAS-3652
Synthetic Inflow Boundary Layer Based on Digital Filtering
Young-Tae Lee | Pusan National University
Hee-Chang Lim | Pusan National University

ICEAS-3675
Wind Effects of an Isolated Building with Different Heights on the Pressure Variation
Soo-Ill Boo | Pusan National University
Hee-Chang Lim | Pusan National University

ICEAS-3697
Relocating Farming Community Affected by Civil War through the Means of Irrigation Development
S M A Nelugolla | Department of Irrigation Sri Lanka
G D F U Perera | Department of Irrigation Sri Lanka

ICEAS-3703
Can ICTs Contribute to Urban Renewal for Declined Cites?
Yountaik Leem | Hanbat National University
Sang Ho Lee | Hanbat National University
Psychology 2

Roma

2015/07/22 Wednesday 10:45-12:15

Session Chair: Prof. Stephanie Lee

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ISBSS-4596
Self-Regulation in Adolescent Who Has Experienced Sexual Exploitation
Trifani Mayka Ratri | Ahmad Dahlan University

ISBSS-4598
Psycholax Training to Reduce Cheating Behavior among High School Students
Listri Laila Tamami | Universitas Ahmad Dahlan
Idha Nur Rahmawati | Universitas Ahmad Dahlan
Yuka Dewingga | Universitas Ahmad Dahlan
Indra Permana | Universitas Ahmad Dahlan
Giska Mutia Ramadhani | Universitas Ahmad Dahlan

ISBSS-4604
Emotion Perception and Social Use of Language in Autism Spectrum Disorders
Yan Grace Lam | Hong Kong Institute of Education

ISBSS-4564
Evaluation of the Psychological Health of Adolescents in China
Stephanie Lee | Hong Kong Polytechnic University
T. K. Cheng | UNESCO Hong Kong
Samson Ma | UNESCO Hong Kong
Business 3 / Communication 2

Venezia

2015/07/22 Wednesday 10:45-12:15

Session Chair: Prof. Pichayalak Pichayakul

BREFM-22393
The Preferred Theme Park
Jamie Lo | The Hong Kong Polytechnic University
Paul Leung | Holistic Community Association

BREFM-22821
Shaping Thai Hot Springs to Serve Japanese’s Predilections
Pichayalak Pichayakul | Chiang Mai University

ISBSS-4405
Household Accounting of Bank for Agriculture and Agricultural Co-Operatives’(BAAC) Customers in Sansai District, Chaing Mai, Thailand
Orathai Dusadeedumkoeng | Maejo University

ISBSS-4573
The Study of Users’ Facial Emotion toward Commercial Website Appearance
Tzu-wei Tsai | National Taichung University of Science and Technology
Siou-Ming Chung | National Taichung University of Science and Technology
Material Science and Engineering 1
Raffaeollo
2015/07/22 Wednesday 10:45-12:15
Session Chair: Prof. Cherng-Yuh Su

ICEAS-3356
Ionic Conductivity of Impregnated Samaria Doped Ceria for Solid Oxide Fuel Cells
Jiangwei Ju | University of Science and Technology of China
Changrong Xia | University of Science and Technology of China

ICEAS-3361
The Taguchi Analysis for the Corrosion Protection for Inner Surface of Hydrogen Storage Bottle
Shinn-Dar Wu | Ming Dao University
Wei-Yang Cheng | National Taiwan University
Chien-Hua Yang | National Chiao Tung University

ICEAS-3479
The Influence of CuZnSn Stacking Orders on Microstructural Characteristics of CZTS Thin Films
Yu-Qi Huang | National Taipei University of Technology
Cherng-Yuh Su | National Taipei University of Technology
Kuang-Hsiang Liao | National Taipei University of Technology

ICEAS-3598
Effect of Cryo-Rolling and Aging Processes on the Hardness, Electrical Conductivity and Microstructure of Aluminium Alloy
Pramual Wangkasem | Siam University

ICEAS-3664
Effect of KOH and NaOH on the Formation of Nano-Porous Structure on the Surface of Titanium Electrode by Chemical and Heat Treatments
Hiroaki Takadama | Chubu University
Seiji Yamaguchi | Chubu University
Yoshinori Naruta | Chubu University
ICEAS-3614
Microwave-Assistant Sintering of Portland Cement Clinker
Praphatsorn Kaewwichit | Kasetsart University
Romchat Borsuwan | Kasetsart University
Natapon Thongchai | Kasetsart University
Jaroon Junsomboon | Ministry of Science and Technology
Prinya Chakartnarodom | Kasetsart University
Duangrudee Chaysuwan | Kasetsart University
ICEAS-3745
Experimental Study on Daylighting and Visual Glare in an Educational Building: A Case Study of Lai Sue Thai Building, Ramkhamhaeng University
Lerdlekh Tanachaikhan | Ramkhamhaeng University

ICEAS-3809
An Integrated Decision Making Model for New Product Development in the LiFePO₄ Battery Industry
Wen-Chin Chen | Chung-Hua University
Yu-Chen Cheng | Chung-Hua University
Li-Yi Wang | Chung-Hua University
Kuan-Ming Li | Chung-Hua University

ICEAS-3810
Reference Values for Electrical Resistance in Twelve Acupuncture Points
Y.C. Yip | Hong Kong Shue Yan University
Wendy F. M. Chan | The Hong Kong Polytechnic University, Hong Kong Community College

ICEAS-3858
Strategy Achieving Self-Sufficiency Program Beef in West Sumatra
Jafirnur | Andals University
Kasrad | Andals University
Riza Andesca Putra | Andals University

ICEAS-3723
Scratch Defect Reduction of Hard Disk Drive Media
Angsumalin Senjuntichai | Chulalongkorn University
Aunticha Pongtrairat | Chulalongkorn University
Environmental Sciences 2
Davinci
2015/07/22 Wednesday 10:45-12:15
Session Chair: Prof. Pusit Pookmanee

ICEAS-3374
BiVO₄-Assisted Photocatalytic Degradation of Methomyl
Pusit Pookmanee | Maejo University
Pongthep Jansanthea | Maejo University
Sirirat Phaisansuthichol | Maejo University
Sakchay Satienperakul | Maejo University
Supaporn Sangsrichan | Maejo University
Ratchadaporn Puntharod | Maejo University
Wiyong Kangwansupamonkon | National Science and Technology Development Agency
Sukon Phanichphant | Chiang Mai University

ICEAS-3539
Architecture Sensing the World’s Immateriality
Sarah Huc | Paris-La Villette
Seungman Baek | Yeungnam University

ICEAS-3610
Optimization Technique for Groundwater Management
Afzali Naseer | Tokai University
Shigeo Honma | Tokai University

ICEAS-3741
Metals Partition between Colloid and Truly Dissolved Phases in Agriculture Soil Humic Substances
Teng-Pao Chiu | National Pingtung University of Science and Technology
Sheng-Hsien Hsieh | National Pingtung University of Science and Technology
Wei-Shiang Huang | National Pingtung University of Science and Technology
Yi-Lung Yeh | National Pingtung University of Science and Technology
Ting-Chien Chen | National Pingtung University of Science and Technology
Economics 2

Roma

2015/07/22 Wednesday 13:30-15:00

Session Chair: Prof. Chih-Chiang Hsu

BREFM-22384
European Central Bank (ECB) and the Federal Reserve System (FED) Policies and Objectives towards Unemployment
Pellegrino Manfra | City University New York

BREFM-22437
Spatial Competition in the Durable-Goods Market with Endogenous Innovation
Fred K.T. Ku | Chinese University of Hong Kong

BREFM-22825
Financial Development and Income Inequality: New Evidence from Panel Data
Ting-Cih Chen | National Central University
Chih-Chiang Hsu | National Central University

BREFM-22833
Financial Inclusion, ICBT and the Role of ICT in COMESA
Angella Faith Lapukeni | Reserve Bank of Malawi

ISBSS-4449
Finance and Capital Accumulation in Singapore - A Cointegration and Impulse Response Analysis
Tan Khay Boon | Singapore Institute of Management Global Education
Sociology / Law 1
Venezia
2015/07/22 Wednesday 13:30-15:00
Session Chair: Prof. Patcharin Sirasoonthorn

ISBSS-4370
Residents’ Attitude towards Physical Activities in Long-Term Care Facilities in Taiwan
Hui-Chi Huang | Mackay Medical College
Hsin-Chuan Su | National Taipei University of Nursing and Health Sciences
Shiang-Feng Wu | National Taipei University of Nursing and Health Sciences

ISBSS-4404
Use of Integrated Care Delivery to Promote Chronic Care Management among Older Indigenous People in Taiwan
Christine Po-Huei Wu | Mennonite Christian Hospital

ISBSS-4462
Human Trafficking in Thailand: The Major ASEAN Development Crisis
Patcharin Sirasoonthorn | Faculty of Social Sciences, Naresuan University

ISBSS-4474
Leisure Time Activities and Youth Risk Behavior: The Role of Social Context
Maizan Mohd Nor | Universiti Teknologi MARA
Mohd Salleh Aman | University Malaya

ISBSS-4525
Investigation of Attitude towards the Elderly and Social Interaction Using Value and Lifestyle Segmentation: Approach Towards Intergenerational Society
Somkiat Eiamkanchanalai | Chulalongkorn Business School
Nuttapol Assarut | Chulalongkorn Business School
Suwanee Surasiengsunk | Chulalongkorn Business School

ISBSS-4316
Legal Development of Child-Marriage in Indonesia: Between Permitted and Prevented
Elisabeth Sundari | Atma Jaya Yogyakarta University
Material Science and Engineering 2
Raffaeollo
2015/07/22 Wednesday 13:30-15:00
Session Chair: Prof. Sang-Yeup Park

ICEAS-3692
Epitaxial Silicon Film Deposition on Porous Silicon by Meseplasma CVD
Sudong Wu | Chinese Academy of Sciences
Sheng Zhang | Chinese Academy of Sciences
Pingqi Gao | Chinese Academy of Sciences
Jichun Ye | Chinese Academy of Sciences

ICEAS-3759
Novel Fluoride-Doped Barium Cerate Applied In Proton Conducting Solid Oxide Fuel Cells
Feng Su | University of Science and Technology of China
Changrong Xia | University of Science and Technology of China

ICEAS-3792
Effect of Fe on High-Temperature Oxidation of NiAl
Sang Hwan Bak | Sungkyunkwan University
Min Jung Kim | Sungkyunkwan University
Dong Bok Lee | Sungkyunkwan University

ICEAS-3805
Defects Reduction in the Production Tires
Punyisa Kuendee | Siam University

ICEAS-3832
Recycling of Extraction Slags for the Production of Magnesium Metal from the Lime Stone Waste as a Cement Clinker Substitutes Based on the Zero-Emission Process
Sang-Yeup Park | Gangneungwonju National University
Sung-Jin Kim | Fine Ceramics Regional Innovation Center
Jun-Ki Jung | Fine Ceramics Regional Innovation Center
Mechanical Engineering 3
Michaelangelo
2015/07/22 Wednesday 13:30-15:00
Session Chair: Prof. Chin-Sheng Chen

ICEAS-3635
The Development of the Ceramic 3D Printing System and Technology
Jia-Chang Wang | National Taipei University of Technology
Chia-Ying Lin | National Taipei University of Technology
Ya-Ju Lin | National Taipei University of Technology

ICEAS-3651
Robust Observer for Non-Minimal Phase Systems: An Alternative Method Based on Solving Unstable ODEs
Kuan-Chao Chu | National Taiwan University
Min-Shin Chen | National Taiwan University

ICEAS-3705
Model Reference Adaptive Control and Fuzzy Neural Network Synchronous Motion Compensation for Gantry Stage
Chin-Sheng Chen | National Taipei University of Technology
Tsung-Han Yang | National Taipei University of Technology

ICEAS-3708
Utilization of Electroplating Concept to Produce Creative Pattern Coloring
Paryana Puspaputra | Indonesia Islamic University

ICEAS-3834
Multi-Objective Optimization of Injection Molding Parameters Using Taguchi-Based Grey Relational Analysis, BPNN, and Hybrid PSO-GA
Wen-Chin Chen | Chung-Hua University
Chih-Chuan Chang | Chung-Hua University
Po-Yao Chang | Chung-Hua University
Wei-Jaw Deng | Chung-Hua University
ICEAS-3807
Study on Submerged Concrete Mooring in Seawater
Soemsak Yooyen | Faculty of Engineering, King Mongkut’s Institute of Technology Ladkrabang
Civil Engineering 4

Davinci

2015/07/22 Wednesday 13:30-15:00

Session Chair: Prof. Teerapong Senjuntichai

ICEAS-3719
Investigation of Dissolved Organic Matter Optical Properties in Groundwater
Sheng-Hsien Hsieh | National Pingtung University of Science and Technology
Zhong-Xiang Li | National Pingtung University of Science and Technology
Wei-Shiang Huang | National Pingtung University of Science and Technology
Ting-Chien Chen | National Pingtung University of Science and Technology
Yi-Lung Yeh | National Pingtung University of Science and Technology

ICEAS-3808
All-Hazards Response Mechanism Planning for Local Government in Taiwan
Mei-Sheu Shi | National Pingtung University of Science and Technology
Yi-Lung Yeh | National Pingtung University of Science and Technology

ICEAS-3883
A Numerical Study on Corrosion Damage Detection of Belt Conveyor Support Structure Based on Cross-Sectional Vibration Characteristics
S. Rana | University of Tokyo
T. Nagayama | University of Tokyo
K. Hisazumi | Nippon Steel and Sumitomo Metal Corporation
T. Tominaga | Nippon Steel and Sumitomo Metal Corporation

ICEAS-3885
On Investigating the Simulated Project Completion Time
Saranyoo Promsorn | Faculty of Engineering, King Mongkut’s Institute of Technology Ladkrabang
Vuttichai Chatpattananan | Faculty of Engineering, King Mongkut’s Institute of Technology Ladkrabang
ICEAS-3919
Elastic Layer under Rigid Frictionless Indentation and Influence of Surface Stresses
Teerapong Senjuntichai | Chulalongkorn University
Pong-In Intarit | Chulalongkorn University
Jaroon Rungamornrat | Chulalongkorn University
MIS-Management Information System 2 / Management 5

Roma

2015/07/22 Wednesday 15:15-16:45

Session Chair: Prof. Michiko Miyamoto

BREFM-22385
Telepresence in Watching Stream Games Online: Understanding the New ‘Let’s Play’ Culture
Haejung Yun | Yonsei University
Kyubin Cho | SK Planet, Co., Ltd
Choong C. Lee | Yonsei University

ISBSS-4520
Consideration of IT-Business Alignment Based on Organizational Structure
Michiko Miyamoto | Akita Prefectural University

ISBSS-4555
Relationship between Innovation and Organizational Performance in Construction Industry in Malaysia
Megat Zuhairy Megat Tajuddin | Universiti Teknologi MARA
Hadijah Iberahim | Universiti Teknologi MARA
Noraini Ismail | Manipal International University

ISBSS-4563
Does Product Innovativeness Strengthen the Effect of Strategic Orientation on Performance?
Sabai Khin | Universiti Sains Malaysia
Theresa C.F Ho | Tunku Abdul Rahman University College

ISBSS-4618
Brokerage Activities in Regional Innovation Networks: The Case of Daegu Technopark in Korea
Jong Hwa Park | Kyungpook National University
**Education 5**

**Venezia**

**2015/07/22 Wednesday 15:15-16:45**

Session Chair: *Prof. Kiho Song*

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**ISBSS-4538**

The Effective of Using 5 Simple Steps (Qscs) Learning Activities on Facebook to Promote Self-Learning in the 21st Century, Technology Printing and Advertising Course for Undergraduate Bachelor’s Degree in Education Technology and Communications.

Tipparat Sittiwong ︱ Naresuan University

Thanet Wongnam ︱ Naresuan University

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**ISBSS-4570**

Continuous Professional Development and Lifelong Learning: Needs Assessment and Way Forward for Hong Kong

Peter Yuen ︱ The Hong Kong Polytechnic University

Jason Chan ︱ The Hong Kong Polytechnic University

Florence Ho ︱ The Hong Kong Polytechnic University

Vincent Law ︱ The Hong Kong Polytechnic University

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**ISBSS-4572**

The Industrial School of the Nineteenth-Century America

Kiho Song ︱ Hannam University

Heesu Kim ︱ Hannam University

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**ISBSS-4586**

An Application of the Attribute Hierarchy Method to the Cognitive Diagnosis of Algebraic Reasoning Abilities

Yuan-Sung Wang ︱ National University of Tainan

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**ISBSS-4609**

Meaning of Creativity: A Study of Teachers and Students’ Conception of Creativity in Higher Education

Henry Ma ︱ The Hong Kong Polytechnic University
Life Science 2

Raffaeollo

2015/07/22 Wednesday 15:15-16:45

Session Chair: Prof. Hsien-Tai Chiu

IBCELC-1110
Molecular Markers for Genetic Diversity Analysis of Indonesian Native Cattle
Aris Winaya | University of Muhammadiyah Malang
Muladno | Bogor Agricultural University
Asep Saefuddin | Bogor Agricultural University

IBCELC-1153
Deciphering and Manipulating Natural Product Biosynthetic Gene Clusters by Bioinformatics and Functional Recombinations
Hsien-Tai Chiu | National Cheng Kung University

IBCELC-1165
Assessment the Function of Tide Protection Forest with Coastal Vulnerability Index
Ya-Li Huang | National Pingtung University of Science and Technology
Jan-Chang Chen | National Pingtung University of Science and Technology
Chaur-Tzuhn Chen | National Pingtung University of Science and Technology
Synthesis of Novel Biocompatible, Biodegradable and UV-Curable Polymers for Rapid Prototyping
Yu-Chi Su | National Taiwan University of Science Technology
Ming-Hua Ho | National Taiwan University of Science Technology

Structural Affinity Measurements of Biomolecular Surface for Docking Sites Selection
Chen-En Hsieh | Providence University
Grace Shiahuy Chen | Providence University
Jie-Shan Yeh | Providence University
Yaw-Ling Lin | Providence University

Effect of Immobilization Methods for Fabricating Bacteriorhodopsin Biochip on Its Photovoltage Response
Pei-Jiun R. Shiu | National Taiwan University of Science and Technology
Hsiu-Mei Chen | National Taiwan University of Science and Technology
Chao-Chang A. Chen | National Taiwan University of Science and Technology
Cheng-Kang Lee | National Taiwan University of Science and Technology

Design of Automated Software for Protein Glycosylation Analysis by Tandem Mass Spectrometry
Yen-Wen Chen | National Central University
Yen-Yin Chu | National Central University
Jung-Heng Tsai | National Central University
A Personalized Trip Recommendation System Based on Field of Views
Chia-Chun Lin | National Chung Cheng University
Yu-Ling Hsueh | National Chung Cheng University
Ying Zhang | National University of Singapore
Roger Zimmermann | National University of Singapore

TCP Protocol Combined with Network Coding Scheme on Wireless Sensor Networks
Yi-Cheng Chan | National Changhua University of Education
Ya-Yi Hu | National Changhua University of Education

A Clustering Approach to Prioritizing Test Cases Based on Information Concerning Both Historical Faults and Code Coverage
Chu-Ti Lin | National Chiayi University
Sin-Ting Guo | International Integrated Systems Inc.
Chia-Ching Yu | National Chiayi University

The Design and Implementation of Acoustics Transmission System
Meng-Lun Cai | National Yunlin University of Science & Technology
Ching-Lung Chang | National Yunlin University of Science & Technology
Yuan-Sun Chu | National Chung Cheng University

Generating Test Case from Mind Map
Suchada Ratanakongnate | King Mongkut’s University of Technology North Bangkok
Phakapan Makmun | King Mongkut’s University of Technology North Bangkok
ICEAS-3470

A Novel Algorithm for the 4D Light Fields
Wei-Yu Lee | National Taiwan University
Chi-Ying Lee | National Taiwan University
Jia-Yush Yen | National Taiwan University
Finance

Roma

2015/07/22 Wednesday 17:00-18:00

Session Chair: Prof. Narumon Saardchom

ISBSS-4313
Firm Size, Ownership Concentration and Business Sector: The Influence to Credit Access Smes in Indonesia
Ratna Anggraini ZR | Jakarta state University

ISBSS-4569
Effect of the Suitability Rule on Investment Characteristics of Financial Consumers
Yang-Kyu Shin | Daegu Haany University

ISBSS-4647
Reverse Stress Tests by Extreme Value Theorem for Clearinghouse
Narumon Saardchom | NIDA Business School

ISBSS-4681
The Effects of Agency Costs and Insiders’ Shareholdings on Financing Choices
Shieh-Liang Chen | Asia University
Shiu-Chen Huang | King Steel Machinery Co., Ltd.
Yi-Mien Lin | National Chung Hsing University
Law 2

Venezia

2015/07/22 Wednesday 17:00-18:00

Session Chair: Prof. Jongho Kim

ISBSS-4377
Local Wisdom in Indonesia Legal Policy in Establishing the Survivors’ Land Ownership Rights in Disaster Area: Study at Mount Merapi’s Eruption
Maria Hutapea | Atma Jaya Yogyakarta Law School

ISBSS-4643
The Harmonious Convergence of Philanthropy and Capitalism as the Root of Corporate Social Contribution
Jongho Kim | Hoseo University

ISBSS-4673
Innovation of Democracy Reform Model under the Sovereign Governance of Four Balancing State Powers in Thailand
Suraphol Srivithaya | Rangsit University

ISBSS-4251
Mare Nostrum on the International Law of the Sea
Kaweepol Sawangpaew | Burapha University
ICEAS-3642
Automatic Focus Control of Microscope for Leukocyte Detection and Recognition System
Lina Budianto | Tarumanagara University
Agus Budi Dharmawan | Tarumanagara University

ICEAS-3674
Building a App Rapidly for a Department of Design Student in Programming Courses
Yi-Chun Liao | China University of Technology
Poster Sessions–July 20

Poster Session 1

Management 1 / Communication / Life Science 1
B1, Renaissance Sapporo Hotel

2015/07/20 Monday 16:00-17:00

BREFM-22429
The Comparative Study of Government Energy Policy and International Standard
Krisda Bisalyaputra | Ramkhamhaeng University

BREFM-22295
A Study on Inpatients’ Satisfaction toward Nursing Service in Wards – Nursing Service of Oncology Cases
Shu Ju Yeh | Tainan Municipal Hospital
Weir-Sen Lin | Chia Nan University of Pharmacy and Science
Chin Hsia Hung | Tainan Municipal Hospital
Hua Yin Hsu | Tainan Municipal Hospital
Yang Cheng Lee | Tainan Municipal Hospital

BREFM-22296
Study on Women’s Integrated Outpatient Service at Rehabilitate-Operate-Transfer Hospital: A Case of a Regional Hospital in Southern Taiwan
Tsung-Chin Wu | Tainan Municipal Hospital
Li-Jung Peng | Tainan Municipal Hospital

BREFM-22297
Study on Medical Quality Indicators of Rehabilitate-Operate-Transfer Hospital – A Case of a Regional Hospital in Southern Taiwan
Tsung-Chin Wu | Tainan Municipal Hospital
Li-Jung Peng | Tainan Municipal Hospital
Enhancing Learning Depth – The improvement Project for Students under the Teaching Cost Subsidy Program to Achieve IPP from IPE through “Situated Learning: Case Exercise”
Yu-Wen Huang | Tainan Municipal Hospital
Chung-I Chen | Tainan Municipal Hospital
Sheng Yu Yang | Tainan Municipal Hospital
Ching-Chang Fang | Tainan Municipal Hospital
Deng-Wei Chou | Tainan Municipal Hospital

The Study of Healthy Belief Factors with Health Fitness on Coastline Towns in Mid-Taiwan
Yuan-Tsung Tseng | Tainan Municipal Hospital
Chi-Chieh Chen | Tainan Municipal Hospital
Wen-Chin Lee | Show-Chwan Memorial Hospital

Optimal Management of the Machine Repair Problem with Working Vacation: Particle Swarm Optimization
Cheng-Dar Liou | National Formosa University

An Improvement Bikeway Network Model with a Solution Algorithm
Chun-Ying Chen | Kainan University
Shangyao Yan | National Central University
Huan-Tuan Tseng | National Central University

How to Produce Excellence Digital Experiences of Interaction in an Online Augmented-Reality Context? From the Perspective of Script Theory and Self-Referencing
Tseng-Lung Huang | Yuan Ze University
Chu-Chi Cheng | Yuan Ze University
BREFM-22860
The Mediation Effect of Emotional Experience between Emotion Labor and Job Engagement
Shang-Ping Lin | National Yunlin University of Science and Technology
Wen-Ling Hsu | Chaoyang University of Technology
Yin-Ying Wang | National Yunlin University of Science and Technology
Ching-Han Fang | National Yunlin University of Science and Technology

ISBSS-4271
Organizational Learning and Innovation among Healthcare Organizations
Rhay-Hung Weng | National Quemoy University
Ching-Yuan Huang | Shu-Te University

ISBSS-4418
Application of IPA in Service Quality for National University Sport Games
Hui-Chen Lee | National Yunlin University of Science and Technology
Mei-Fang Chen | National Yunlin University of Science and Technology

ISBSS-4476
Balanced Scorecard to Evaluate the Efficiency of Enterprises Has Led up to ERP: A Case Study of Taiwans Listed Steel Companies
Chi-Kao Chang | Shih Chien University
Min-Yuan Fang | Cheng Shiu University
Kai-Ching Fang | China Medical University

ISBSS-4599
The Influence of Organizational Social Presence in Facebook on Relational Outcomes
JiYeon Jeong | Hongik University
Nohil Park | Cha University

IBCELC-1080
Sulforaphane Suppresses Hepatitis C Virus Replication via Up-Regulating Heme Oxygenase-1 Expression
Jin-Ching Lee | Kaohsiung Medical University
Wei-Chun Chen | Kaohsiung Medical University
Poster Sessions—July 21

Poster Session 2

Psychology / Economics / Finance & Accounting /
Marketing / Culture / Sociology / Education 1 /
Management 2 / Communication 2

B1, Renaissance Sapporo Hotel
2015/07/21 Tuesday 09:30-10:30

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ISBSS-4469
Trust and Risk Perceptions of Science and Technology: Comparison to Japan and S.Korea
Jaesun Wang | Honam University
Han Hu Shin | Honam University
Cheon Ju Park | Honam University
Hyun Cheol Kim | Honam University

ISBSS-4561
Effects of Display Type and Ambient Illuminance on Users’ Operating Performance
An-Hsiang Wang | National Chung Cheng University
Kuan-Chun Lin | National Chung Cheng University

ISBSS-4623
Facebook Involvement and Social Capital: Online and Offline
Sen-Chi Yu | National Taichung University of Education
Lung-Ching Hsieh | Taichung Municipal Chongde Junior High School
Wen-Ping Lan | National Taichung University of Education

BREFM-22277
Does Directors’ and Officers’ Liability Insurance Affect Firms’ Investment Decisions?
Hsinyi Chi | National Chung Hsing University
Tzu-Ching Weng | Feng Chia University
BREFM-22851
Fund Managers’ WeChat Behavior, IPO Underpricing, and Earnings Volatility
Qingfeng Cai | Xiamen University
Junfeng Guo | Xiamen University
Shuhai Yi | Xiamen University
Ying Chen | Xiamen University

BREFM-22391
Credit Contagion and Counterparties Risk
Shu Ling Yang | National Taichung University of Science and Technology
Hsien Yi Chen | Asia University
Chong Chuo Chang | Asia University

BREFM-22372
Integrating Macroeconomics and Environmental Features for Real Estate Pricing Function
Jieh-Haur Chen | National Central University
Anneurin Bevan | National Central University
Chien-Hung Chao | National Central University

BREFM-22424
Does Prior Gain Promote Lotto Sales
Shih-Chin Lee | Chihlee Institute of Technology

BREFM-22417
The Fair Cost of Violation of the Country-of-Origin Labeling in Korea
Sung-Bum Yang | Dankook University
Seung-Ryong Yang | Korea University

BREFM-22379
A Study on Marketing Strategies of the Conventional Industries in Taiwan
Shin-Chyang Lee | Chihlee Institute of Technology

BREFM-22554
Perceived Intellectual Value and Perceived Sensitive Value on Cosmetic Websites
Kuang-Wen Wu | Feng Chia University
ISBSS-4600
Organization’s Responsibility as a Contingency Factor Affecting Health Journalists’ Perceptions of Conflict Issues
JiYeon Jeong | Hongik University

ISBSS-4601
A Scale for the Evaluation of Honorary Ambassadors
JiYeong Jeong | Hongik University
Sungwook Hwang | Pusan National University

ISBSS-4566
A Morphological Analysis of Joss Paper Image in Taiwan - A Case Study of Fu Lu Shou
Ching Yang | National Yunlin University of Science & Technology
Tsai-Ching Tsai | Ministry of Justice
Ming-Chuen Chuang | National Chiao Tung University

ISBSS-4424
Factor Affecting Critical Success Factors in Sports
Syahril Azhar Mohd Sharif | Malaysia Japan Higher Education Program
Siti Aishah Wahabb | Universiti Teknologi MARA
Sohaimi Zakaria | Universiti Teknologi MARA

ISBSS-4307
Planning a Design Course for Play Experience and Fab Lab
Chien-Kuo Teng | National Chiao Tung University
Ming-Chuen Chuang | National Chiao Tung University
Chun-Cheng Hsu | National Chiao Tung University

ISBSS-4320
Affecting Factors of Health-Related Physical Fitness: Knowledge, Attitude, Self-Efficacy, Exercise Habits, and Weight Status among Middle School Students in Taiwan
Lee Yu Lin | Tamkang University
ISBSS-4342
Producing a Brief Introduction Film for Department on Remote-Islands University – A Student-Oriented View
Su-Chang Chen | National Penghu University of Science and Technology
Sin-Ting Jeng | National Penghu University of Science and Technology
Kuang-Hui Li | National Penghu University of Science and Technology
Ji-Rong Huang | National Penghu University of Science and Technology
Yu-Tong Chen | National Penghu University of Science and Technology
Pei-Jyun Lu | National Penghu University of Science and Technology

ISBSS-4345
Investigation on the Features and Using of Elementary Mathematics Curriculum and Their Impacts on Students’ Learning Performance
Wei-Min Hsu | National Pingtung University
Chih-Lung Lin | National Pingtung University
Hsiao-Ting Lee | National Pingtung University

ISBSS-4365
The Saint Ludens of Baby
Chen Jui Chen | National Taiwan Normal University
Chuan Ling Chang | National Taiwan Normal University

ISBSS-4419
Educational Values of Organic Farming Curriculum: A Case Study of Elementary and Junior High School of Bliss and Wisdom Education Park in Taiwan
Mei Fang Chen | National Yunlin University of Science and Technology
Hui Chen Lee | National Yunlin University of Science and Technology

ISBSS-4589
College Students’ Judgment on the Information of Emerging Technology
Chen Chia-Hao | National Dong Hwa University
Ku Chih-Hsiung | National Dong Hwa University

ISBSS-4603
Strategy to Gauge the Effectiveness of Methods for Determining Student Reading Levels (RL)
Kurt W. Ackermann | Hokusei Gakuen University Junior College
ISBSS-4379
An Investigation of the Imagination Rubric with Delphi Technique
Chun-Wen Teng | Feng Chia University
Ching-Yi Lee | Feng Chia University
Chia-Cheng Chen | National Taiwan University of Arts
Hoang-Jyh Leu | Feng Chia University
Hsin-Hui Wu | Feng Chia University

ISBSS-4593
The Training Program of Leisure Instructor in Taiwan
Chi Chang | National Taiwan Normal University
Xin-Jie Huang | National Taiwan Normal University
Chia-Yi Li | National Taiwan Normal University

ISBSS-4483
Social Value for Sport Participation in Chinese Society
Chih-Fu Cheng | National Taiwan Normal University
Chi Chang | National Taiwan Normal University
Tao-Tien Hsiung | National Taiwan Normal University
Xin-Jie Huang | National Taiwan Normal University

ISBSS-4528
The Study of Authoritarian Leadership, Leader Trust, and Team Commitment of Boxing Coach in Taiwan
Xin-Jie Huang | National Taiwan Normal University
Kuo-En Huang | National Taiwan Normal University
Chi Chang | National Taiwan Normal University
Chih-Fu Cheng | National Taiwan Normal University
Poster Session 3

Electrical and Electronic Engineering 1 /

Biotechnology Engineering

B1, Renaissance Sapporo Hotel
2015/07/21 Tuesday 11:00-12:00

ICEAS-3488
A UWB Channel Model Simulator for Cognitive Radio Systems
Deock-Ho Ha | Pukyong National University
Jeong Gyu Kim | Pukyong National University
Yeun Tak Lee | Pukyong National University

ICEAS-3403
Accurate Extraction of the Physical Distance between Two Interface States Causing Variable Junction Leakage
Joonha Shin | Seoul Science High School
Youngsoo Seo | Seoul National University
Sung-Won Yoo | Seoul National University
Changhwan Shin | University of Seoul

ICEAS-3424
An Energy-Efficient Speed-Sensorless Control Method for Permanent Magnet Synchronous Motor Drives in Electric Vehicles
Hsin-Jang Shieh | National Dong Hwa University
Wen-Jun Wang | National Dong Hwa University
ICEAS-3441
Properties Tunable Electrical and Optical Characteristics in Lateral Monolayer Graphene and Few-Layer MoS$_2$ Heterostructure Device
Servin Rathi | Sungkyunkwan University
Yuichi Ochiai | Chiba University
Nobuyuki Aoki | Chiba University
Inyeal Lee | Sungkyunkwan University
Dongsuk Lim | Sungkyunkwan University
Jianwei Wang | Sungkyunkwan University
Gil-Ho Kim | Sungkyunkwan University

ICEAS-3451
Comparison and Analysis of PD Characteristic for SF6 Gas and Inert Gases
Chien-Yi Chen | Nan Jeon University of Science and Technology

ICEAS-3822
Point Estimation Method for Security Terms of Power Systems with Uncertain Power Generation and Load Demand: Theoretical Study
Shin-Yeu Lin | Chang Gung University
Ai-Chih Lin | Chang Gung University

ICEAS-3854
The Sensor Control Module System of Instant Electric Water Heater
Chun-Hung Hu | Army Academy R.O.C.

ICEAS-3702
Design of the Graphic User Interface for Smart Power Grid
Horng-Lin Shieh | St. John’s University
Cheng-Chien Kuo | St. John’s University
Hung-Lun Kuo | St. John’s University

ICEAS-3477
Underwater Glider’s Direction Control by Using PID Controller
Min Ji Kim | Pukyong National University
Seol B. Bae | SL Corporation
Woon-Kyung Baek | Pukyong National University
Kyoung nam Ha | Korea Institute of Industrial Technology
Moon G. Joo | Pukyong National University
IBCELC-968
High Efficient Detection of Biomarkers Based on Integrating Immunoassay and Magnetic Microplate
Hweiyan Tsai | Chung Shan Medical University
Chwan Bor Fuh | National Chi Nan University
Yi-Hsuan Lu | Chung Shan Medical University
Huan-Xuan Liao | Chung Shan Medical University

IBCELC-981
To Extract the Key Interaction of LXR Agonist Agonism by the Mapping of Molecular Descriptors onto Cellular Response
Yi-Jing Chuang | Kaohsiung Medical University
Jia-Hau Lee | Kaohsiung Medical University
Ying-Ting Lin | Kaohsiung Medical University

IBCELC-1095
Engineered Biomolecules for Environmental Remediation and Nanotechnology Application
Shen-Long Tsai | National Taiwan University of Science and Technology

IBCELC-977
Crystal Structures of Severe Acute Respiratory Syndrome Coronavirus Papain-Like Protease in Complex with Peptide Substrates and Thiopurine Inhibitors
Hsing-Yi Lai | National Yang-Ming University
Shu-Chun Cheng | National Yang-Ming University
Ya-Wen Chou | National Yang-Ming University
Chi-Yuan Chou | National Yang-Ming University

IBCELC-978
Effect of AP-HVEF Treatment on Esters Formation in Model Rice Spirits
Cheng-Hung Lai | Vanung University
Cheng-Wen Liao | Vanung University
Shu-Hua, Chiang | Taiwan Hospitality & Tourism College
Wen-Ching Ko | Da-Yeh University
Intracellular Protein Delivery Using Bio-Engineered Yeast Vacuoles
Hyon E Choy | Chonnam National University Medical School
Youngsoo Jun | Gwangju Institute of Science and Technology
Kim Young-Joon | Gwangju Institute of Science and Technology
Mi-Ryoung Song | Gwangju Institute of Science and Technology
Dong-Yu Kim | Gwangju Institute of Science and Technology
Woo Keun Song | Gwangju Institute of Science and Technology
Jae Il Kim | Gwangju Institute of Science and Technology

Preparation of PLA-Chitosan Coreshell Nanoparticles by Electrospraying to Target Brain Tumor
Yi-Hao Lin | National Taiwan University of Science and Technology
Ming-Hua Ho | National Taiwan University of Science and Technology

Time-Course Effect of Electrical Stimulation on Nerve Regeneration of Diabetic Rats
Yueh-Sheng Chen | China Medical University
C. H. Yao | China Medical University
S. T. Hsu | China Medical University

The Effect of Visible Light with Different Wavelength and Intensities on Population Growth of Marine Zooplankton, Brachionus Plicatilis
Kenji Tanaka | Kinki University
Tomohito Amai | Kinki University
Tomohiro Kuratomi | Kinki University
Katsuki Matsumoto | Kinki University
Shintaro Tajiri | Kinki University

Production of Polyhydroxyalkanoates by Saccharophagus Degradans Using Cellulose as Carbon Source
Shailesh S. Sawant | Chungbuk National University
Bipinchandra K. Salunke | Chungbuk National University
Beom Soo Kim | Chungbuk National University
IBCELC-1072
Taxonomic Profiling and Metagenome Analysis of a Microbial Community from Chlorinated Solvent-Contaminated Groundwater: A Pilot-Scale Study
Bin-Hao Chiu | National Central University
Hung-Yu Liao | National Central University
Tong-Wei Shu | National Central University
Ssu-Ching Chen | National Central University

IBCELC-1078
Quality Index Available for Evaluation of Fermented Beverages
Wen-Ching Ko | Da-Yeh University
Hei-Ting Wu | Da-Yeh University
Cheng-Hung Lai | Vanung University

IBCELC-1151
Kinetic Aspects of a Biotrickling Filter Microbial Fuel Cell for the Removal of Gaseous Ethyl Acetate and Electricity Generation
Chih-Hung Wu | National Yunlin University of Science and Technology
Chi-Wen Lin | National Yunlin University of Science and Technology

IBCELC-1159
Triphlorethol-A Attenuates Ultraviolet B radiation-Induced DNA damage in human HaCaT Keratinocytes
Mei Jing Piao | Jeju National University
Ji Won Cha | Jeju National University
Xia Han | Jeju National University
Jin Won Hyun | Jeju National University

IBCELC-1160
Diplorethohydroxycarmalol Safeguards Human Keratinocytes from Ultraviolet B-Induced Matrix Metalloproteinase-1 through JNK and ERK Signaling Pathway
Mei Jing Piao | Jeju National University
Xia Han | Jeju National University
Madduma Hewage Susara Ruwan Kumara | Jeju National University
Ki Cheon Kim | Jeju National University
Hee Kyoung Kang | Jeju National University
Nam Ho Lee | Jeju National University
Jin Won Hyun | Jeju National University
Carpomitra Costata Extract Suppresses Ultraviolet B irradiation Exposed Oxidative Damage in Human HaCaT Keratinocytes

Xia Han ︱ Jeju National University
Jian Zheng ︱ Jeju National University
Mei Jing Piao ︱ Jeju National University
Susara Ruwan Kumara Madduma Hewage ︱ Jeju National University
Kyoung Ah Kang ︱ Jeju National University
Hee Kyoung Kang ︱ Jeju National University
Eun Sook Yoo ︱ Jeju National University
Young Sang Koh ︱ Jeju National University
Nam Ho Lee ︱ Jeju National University
Mi Hee Ko ︱ Jeju Biodiversity Research Institute
Jin Won Hyun ︱ Jeju National University

Overview of Chemical Components of Biomass for Prosperous Biorefinery

Harifara Rabemanolontsoa ︱ Kyoto University
Shiro Saka ︱ Kyoto University

Innovative Bioethanol Production Process with Acetic Acid Fermentation from Lignocellulosics

Shiro Saka ︱ Kyoto University
Harifara Rabemanolontsoa ︱ Kyoto University
Eiji Minami ︱ Kyoto University
Haruo Kawamoto ︱ Kyoto University
Poster Session 4

Biomedical Engineering 1 / Chemical Engineering 1 / Geosciences and Petroleum Engineering

B1, Renaissance Sapporo Hotel
2015/07/21 Tuesday 13:30-14:30

ICEAS-3625
Chrysophanol Blocked N-Methyl-N-Nitrosourea-Induced Photoreceptor Cell Apoptosis and Attenuated Neuroinflammatory Responses via Microglial Inhibition
Fan-Li Lin︱Taipei Medical University
Jau-Der Ho︱Taipei Medical University Hospital
Cheng-Hui Lin︱Taipei Medical University
Po-Lin Liao︱Taipei Medical University
Jing-Lun Yen︱Taipei Medical University
Yu-Wen Cheng︱Taipei Medical University
George Hsiao︱Taipei Medical University

ICEAS-3891
A Sleep Stage Classification Method Using a Hierarchical Synthetic Minority Over-Sampling Random Forest Algorithm
Tzu-Ping Kao︱National Cheng Kung University
Jeen-Shing Wang︱National Cheng Kung University
Ya-Ting Yang︱National Cheng Kung University

ICEAS-3894
A Decision-Tree-Based Support Vector Machine for Sleep Stage Classification Using Activity and ECG Features
Tzu-Ping Kao︱National Cheng Kung University
Jeen-Shing Wang︱National Cheng Kung University
Wei-Chun Chiang︱National Cheng Kung University
ICEAS-3586
LC-PDA/MS/MS Analysis of Glucosinolates in Dolsan Leaf Mustard Kimchi and Dolsan Leaf Mustard Pickles
SunKyung Oh | Chonnam National University
Chigen Tsukamoto | Iwate University
KiWoong Kim | Chonnam National University
KyoungMin Kim | Chonnam National University
MyeongRak Choi | Chonnam National University

ICEAS-3644
Human Motion Analysis of a Single Curved Shoulder Arc for Stroke Patient
Shu-Zon Lou | Chung Shan Medical University
Yu-Chi Chen | Chung Shan Medical University
Peng-Cheng Sung | Chaoyang University of Technology

ICEAS-3678
Dental Filling and Radiopacifying Materials Prepared and Modified by Sol-Gel Process
May-Show Chen | Taipei Medical University Hospital
Ming-Yuan Hsieh | Feng Chia University
Jen-Chang Yang | Taipei Medical University
Chin-Yi Chen | Feng Chia University
Chung-Kwei Lin | Taipei Medical University

ICEAS-3877
Effect of L-Lactate on Mitochondrial Hsp60
YaeSung Mun | Gachon University
MinJi Lee | Gachon University
Young-Ok Hwang | Gachon University
You Jin Hwang | Gachon University

ICEAS-3902
The Mitochondrial HSP60: A Study on Expression of the Hydroxylamine Cleavage in Human Normal and Ovarian Cancer Cell Lines
YaeSung Mun | Gachon University
MinJi Lee | Gachon University
Young-Ok Hwang | Gachon University
You Jin Hwang | Gachon University
ICEAS-3353
A Robust Power Deposition Scheme for Tumors with Large Counter-Current Blood Vessels during Hyperthermia Treatment
Huang-Wen Huang | Tamkang University

ICEAS-3903
Assaying Biomarkers via the Saturated Magnetization, Residual Magnetization and Magnetic Relaxation of Biofunctionalized Magnetic Nanoparticles Associated with Biotargets
Li-Min Wang | National Taiwan University
Chih-Yi Wang | National Taiwan University
S. H. Liao | National Taiwan Normal University
J. J. Chieh | National Taiwan Normal University
H. E. Horng | National Taiwan Normal University
Yu-Ki Su | National Taiwan Normal University
Hong-Chang Yang | National Taiwan Normal University
K. L. Chen | National Chung Hsing University

IBCELC-1039
Preparation of Polyaniline-Coated Polystyrene Beads for Adsorption of Silver Ions
Saurabha Bhattarai | Chonbuk National University
Jong Soo Kim | Chonbuk National University
Youn-Sik Lee | Chonbuk National University

IBCELC-1040
Preparation of Poly (Vinylidene Fluoride) Membranes Filled with Ulfonated Polystyrene
Naeun Kang | Chonbuk National University
Youn-Sik Lee | Chonbuk National University
Taek Sung Hwang | Chonbuk National University
Synthesis and Characterization of a Conjugated Copolymer Consisting of Alternating Dithiophenylated 1,4-Dioxopyrrolo-[3,4c]-Pyrrole and 1,5-Diethoxynaphthalene Units for Photovoltaic Application
Ji-Young Lee | Chonbuk National University
Fuzhen Lyu | Chonbuk National University
Jang-gun Han | Chonbuk National University
Soo-Hyoung Lee | Chonbuk National University
Youn-Sik Lee | Chonbuk National University
Dong-Hee Kim | Kunsan National University

Thiourea-Immobilized Polymer Nanoparticles for Adsorption of Silver Ions
Ji In Yun | Chonbuk National University
Qian Qiu | Chonbuk National University
Youn-Sik Lee | Chonbuk National University

Investigation of the Thermal and Dimensional Stabilities and Dielectric Properties of Adamantane-Based Poly (1-Adamantyl Methacrylate) and Adamantane-Modified Poly (1-Adamantyl Methacrylate-Co-Methyl Methacrylate)
Chih-Wei Tsai | National Defence University
Cheng-Chien Yang | National Chung Shan Institute of Science and Technology
Kuo-Hui Wu | National Defence University
Jian-You Chen | National Chung Shan Institute of Science and Technology

Paired Oxidative Degradation of Formaldehyde in CSTER: Effect of Current Density
Jing-Shan Do | National Chin-Yi University of Technology
I-Ya Chao | Tunghai University

Modification of Silica Particles and Its Properties in Natural Rubber Vulcanizates
Apinya Tunler | Chulalongkorn University
Pattarapan Prasassarakich | Chulalongkorn University
Sirilux Poompradub | Chulalongkorn University
IBCELC-1070
Determination of Hydrogen Peroxide and Cholesterol Based on the Inner Filter Effect of Gold Nanoparticles on Fluorescent Gold Nanoclusters
Ja-an Annie Ho | National Taiwan University
Heng-Chia Chang | National Tsing Hua University
Li-Chen Wu | National Chi Nan University

IBCELC-1083
The Production of Stigmastane-3,6-Dione from Ustilago esculenta Using Response Surface Methodology
Liang-Yu Lai | National Chi Nan University
Li-chen Wu | National Chi Nan University

IBCELC-1088
Slow Electron Recombination in Dye-Sensitized Solar Cells Using TiO2-SnO2 Photoelectrode
Ji-A Shin | Chungbuk National University
Min Woo Lee | Chungbuk National University
En Mei Jin | Chungbuk National University
Sang Mun Jeong | Chungbuk National University

IBCELC-1122
Recent Advances in Chemical Synthesis, Aggregation Behavior, and in Vitro Test of Steroidal Oxime
Pei-Wen Liao | National Yunlin University of Science and Technology
Chien-Wen Chen | National Yunlin University of Science and Technology
Tzung-Han Chou | National Yunlin University of Science and Technology

IBCELC-1175
Real-Time Optimal Control of a Pharmaceutical Crystallization Process to Obtain the Desire Crystal Size
Aritsara Saengchan | Chulalongkorn University
Paisan Kittisupkorn | Chulalongkorn University
ICEAS-3343
Antibacterial Activity of Synthetic Peptides against Methicillin-Resistant Staphylococcus Aureus
Nuanchawee Wetprasit | Ramkhamhaeng University
Janthima Jaresitthikunchai | National Science and Technology Development Agency
Narumon Phaonakrop | National Science and Technology Development Agency
Sittiruk Roytrakul | National Science and Technology Development Agency
Wirat Danglad | Ramkhamhaeng University

ICEAS-3373
The Effects of Chemical Protective Clothing on Manual Dexterity
Peng-Cheng Sung | Chaoyang University of Technology
Shu-Zon Lou | Chung Shan Medical University

ICEAS-3467
3D Graphene Decorated NiCo2O4 Nanocomposite for Enhanced Electrochemical Detection of Urea
Dong Woon Kim | Gachon University
Sang Joon Park | Gachon University
Kyung Hwan Kim | Gachon University
Hyung Wook Choi | Gachon University
Hyon Hee Yoon | Gachon University

ICEAS-3522
The Effect of Brønsted Acid Site of WO3/Zro2 Catalysts in C3 - C4 Alcohols Dehydration Reaction
Eunpyo Hong | Chungbuk National University
Hye-In Sim | Chungbuk National University
Chae-Ho Shin | Chungbuk National University

ICEAS-3731
3D Shear Wave Velocity Model Across Thailand Using Surface Wave Inversion of Ambient Seismic Noise
Pariyakorn Petkaew | Chiang Mai University
Christoph Sens-Schönfelder | GFZ German Research Centre for Geosciences
Pisanu Wongpornchai | Chiang Mai University
ICEAS-3828

Acquisition of High-Resolution Multi-Channel Seismic Data to Investigate the Stratigraphy in the Southern Yellow Sea since the Miocene Marine Transgression

Hyeong-Tae Jou | Korea Institute of Ocean Science and Technology
Chung-Ho Kim | Korea Institute of Ocean Science and Technology
Jin-Soo Kim | Korea Institute of Ocean Science and Technology
Seonghoon Moon | Korea Institute of Ocean Science and Technology
Han-Joon Kim | Korea Institute of Ocean Science and Technology
Hye-Jin Moon | Korea Institute of Ocean Science and Technology
Poster Session 5

Computer and Information Sciences 1 / Life Science 2 /
Fundamental and Applied Sciences /
System and Naval Mechatronic Engineering

B1, Renaissance Sapporo Hotel
2015/07/21 Tuesday 15:00-16:00

ICEAS-3432
Class-Imbalanced Classification for High-Dimensional Multiclass Data
Wei-Jiun Lin | Feng Chia University

ICEAS-3689
To Construct Genomics Trees for Bacillus Genus
I-Ching Yang | National Taitung University
Kun-Lin Hsieh | National Taitung University
Tsai-Lian Yang | Taipei Tzu Chi Hospital

ICEAS-3691
Supporting Efficient Remote Backup for Cloud File Systems with Erasure Codes
Chun-Hsin Wu | National University of Kaohsiung
Pu Hsu | National University of Kaohsiung

ICEAS-3742
Dynamic Inclusion Control on Multi-Core Shared Cache
Hyo-Joong Suh | The Catholic University of Korea

ICEAS-3806
Learning Balanced Dictionary via Sparse Coding for Image Classification
Hui-Hung Wang | National Chung Cheng University
Chen-Kuo Chiang | National Chung Cheng University
ICEAS-3844
Enhanced Index Management Using Flash Memory for Large Database Storages
Si-Woo Byun | Anyang University

ICEAS-3448
An Efficient Reconfigurable Computing System Developed in SoC
Chih-Tung Lin | National Taiwan University of Science and Technology
Shi-Jinn Horng | National Taiwan University of Science and Technology

IBCELC-976
Shikonin Exert Therapeutic Potential in Early-Stage Diabetic Retinopathy
Po-Lin Liao | National University, College of Medicine
Cheng-Hui Lin | Taipei Medical University
George Hsiao | Taipei Medical University
Jau-Der Ho | Taipei Medical University Hospital
Ching-Hao Li | Taipei Medical University

IBCELC-979
Long-Term Fluorometholone Topical Use Induces Ganglion Cell Damage in Rats
Analyzed with Optical Coherence Tomography
Po-Lin Liao | National University, College of Medicine
Cheng-Hui Lin | Taipei Medical University
Hui-Wen Cheng | Taipei Medical University
Shih-Hsuan Huang | Taipei Medical University
Ching-Hao Li | Taipei Medical University

IBCELC-989
Anthraquinone and Chrysophanol from Trichoderma Induced Plant Resistance against Botrytis Cinerea
Shu-Ying Liu | Da-Yeh University
Chuan-Kai Liao | National Dong Hwa University
Ming-Yu Hsieh | Da-Yeh University
Kou-Cheng Peng | National Dong Hwa University
IBCELC-990
Proteomic Study of Botrytis Cinerea Triggered by L-phenylalanine Oxidase from Trichoderma
Shu-Ying Liu | Da-Yeh University
Chuan-Kai Liao | National Dong Hwa University
Ming-Yu Hsieh | Da-Yeh University
Kou-Cheng Peng | National Dong Hwa University

IBCELC-995
Trichoderma Metabolites in Response to Illumination
Shu-Ying Liu | Da-Yeh University
Chih-Wei Hsu | National Dong Hwa University
Huan-Lin Peng | Da-Yeh University
Kou-Cheng Peng | National Dong Hwa University

IBCELC-997
Gold Nanoparticles Increase Endothelial Paracellular Permeability by Altering Components of Endothelial tight Junctions, and Increase Blood-Brain Barrier Permeability in Mice
Ching-Hao Li | Taipei Medical University
Cheng Jhan | National Taiwan University
Yu-Wen Cheng | Taipei Medical University
Chi-Hao Tsai | National Taiwan University
Jaw-Jou Kang | National Taiwan University

IBCELC-1019
Study on the Mechanism of Cross-Talk between AhR and Autophagy on Cell Motility
Ching-Hao Li | Taipei Medical University
Po-Lin Liao | National Taiwan University
Cheng-Hui Lin | Taipei Medical University
Chi-Hao Tsai | National Taiwan University
Wen-Hao Yang | National Taiwan University
IBCELC-1138
Effects of Egg White Hydrolysates on Immune Responses in BALB/C Mice Spleen Cells
Shu-Ling Hsieh | National Kaohsiung Marine University
Chih-Chung Wu | Chang Jung Christian University
Chia-Ling Kuo | National Kaohsiung Marine University
Jyh-Jye Wang | Fooyin University
Chin-Yao Hou | Fu Chu Frozen Food Company

ICEAS-3444
Synergistic Effect of Sodium Diacetate with Lauric Arginate against Staphylococcus Aureus in Meat Broth
Pussadee Tangwatcharin | King Mongkut's Institute of Technology Ladkrabang
Suchart Suksathit | Thaksin University

ICEAS-3453
Acaricidal Activity of Eugenol and Citral Standards against the Stored Product Mite, Tyrophagus Communis Fan & Zhang
Jarongsak Pumnuan | King Mongkut's Institute of Technology Ladkrabang
Atjima Nuchpo | King Mongkut's Institute of Technology Ladkrabang
Ammorn Insung | King Mongkut's Institute of Technology Ladkrabang

ICEAS-3454
Effect of Dietary Fiber from Rice Straw and Sucrose Ester on Dough and Bread Properties
Arpathsra Sangnark | Rajamangala University of Technology Krungthep
Athapol Noomhorm | Asian Institute of Technology

ICEAS-3460
An Experimental Study Pyrolysis of Oil Palm Fiber and Its Pellet
Wei-Hsin Chen | National Cheng Kung University
Bo-Jhih Lin | National Cheng Kung University

ICEAS-3468
Polymorphism Identification of PIT-I Gene in Murrah Buffaloes
Piyada Tavitchasri | King Mongkut's Institute of Technology Ladkrabang
Thiamphop Kanloung | King Mongkut's Institute of Technology Ladkrabang
Duangkamol Taemchuay | King Mongkut's Institute of Technology Ladkrabang
Worawidh Wajjwalku | Kasetsart University
ICEAS-3474
Some Physical Properties of Organic Upland Rice Seed
Nathaporn Suwanpayak ︱ King Mongkut's Institute of Technology Ladkrabang
Teerayut Wichitparp ︱ King Mongkut's Institute of Technology Ladkrabang
Raumjit Nokkoul ︱ King Mongkut's Institute of Technology Ladkrabang

ICEAS-3520
Microbial Decontamination on Chicken Drumstick Using Ozonated Water, Sodium Hypochlorite Solution and Lactic Acid
Angkana Thumdec ︱ King Mongkut's Institute of Technology Ladkrabang
Komkhae Pilasombut ︱ King Mongkut's Institute of Technology Ladkrabang
Nualphan Ngamyeesoon ︱ King Mongkut's Institute of Technology Ladkrabang

ICEAS-3521
In Vitro Inhibitory Activities of Lactic Acid Solution and Bacteriocin from Lactic Acid Bacteria Isolate KL-1 against Food Pathogenic Bacteria
Komkhae Pilasombut ︱ King Mongkut's Institute of Technology Ladkrabang
Le Nguyen Doan Duy ︱ Can Tho University
Nualphan Ngamyeesoon ︱ King Mongkut's Institute of Technology Ladkrabang

ICEAS-3524
Synthesis of 2,5-Disubstituted Pyridine Derivatives
Lv Zhao-Pping ︱ Nanjing University of Aeronautics and Astronautics
Li Jin-Huan ︱ Nanjing University of Aeronautics and Astronautics
Chen-Tian ︱ Nanjing University of Aeronautics and Astronautics
Liv Dao-Hui ︱ Nanjing University of Aeronautics and Astronautics
Dou Guo-Qing ︱ Nanjing University of Aeronautics and Astronautics

ICEAS-3536
Effect of on Gelatinization, Pasting and Retrogradation Properties of Thai Rice Coconuts Milk and Sucrose Flour
Duangrutai Thumrongchote ︱ Rajamangala University of Technology Krungthep
Saiwarun Chaiwanichsiri ︱ Chulalongkorn University
Kalaya Laohasongkran ︱ Chulalongkorn University
ICEAS-3771
A Study on the Optimum Peeling Temperature for the Flexible AMOLED Display De-Bonding Layer
Wen-Cheng Kuo | National Kaohsiung First University of Science and Technology
Feng-Yu Lo | National Kaohsiung First University of Science and Technology

ICEAS-3801
A Mixed Basis Density Functional Approach for Electronic Structures of 2-Dimensional Systems with B-Splines
Chung-Yuan Ren | National Kaohsiung Normal University
Chen-Shiung Hsue | National Tsing Hua University
Yia-Chung Chang | Academia Sinica

ICEAS-3909
OSU-A9 Inhibits Angiogenesis in Human Umbilical Vein Endothelial Cells via Disrupting Akt-NF-κB and MAPK Signaling Pathways
Jing-Ru Weng | China Medical University
Hany A. Omar | The Ohio State University
Chieh-Hsi Wu | China Medical University

ICEAS-3407
An Integrated Approach to Construct a Virtual Model for a Manufacturing System
Ming-Shan Lu | National Yunlin University of Science & Technology
Zong-Sian He | National Yunlin University of Science & Technology
Poster Session 6

Environmental Sciences / Material Science and Engineering

B1, Renaissance Sapporo Hotel
2015/07/21 Tuesday 16:30-17:30

ICEAS-3571
Biological Monitoring of Workers Exposed to Metals during Brake Repairing
Hui-Ming Liu | Hungkuang University
Hong-Ming Chang | Hungkuang University
Pin-Hua Chen | Hungkuang University

ICEAS-3754
Impact of Acinetobacter Baumannii in Rhizosphere
Guang-Huey Lin | Tzu Chi University

ICEAS-3348
Application of Fuel Cell Technologies in Taiwan: A Case Study of Micro-Grid Design Containing Fuel Cells
Chia-Mei Liu | Industrial Technology Research Institute (ITRI)
Brian Chang | Chung-Hsin Electric & Machinery Mfg. Corp.
Sheng-Yuan Huang | Fuel Cell Demonstration And Promotion Office
Chao-Ho Lan | Industrial Technology Research Institute (ITRI)
Yu-Li Lin | Industrial Technology Research Institute (ITRI)
Kan-Lin Hsueh | Industrial Technology Research Institute (ITRI)

ICEAS-3508
A Study on Acclimation Method of Diesel Degrading Microorganisms
Min-Hsin Liu | Chaoyang University of Technology
Yi-Le Hsu | Chaoyang University of Technology
Kuan-Chun Huang | Chaoyang University of Technology
Sheng-Ming Hsu | Chaoyang University of Technology
Ling-Zhen Zhang | Chaoyang University of Technology
ICEAS-3751
Allelopathic Potential of Callistemon Lanceolatus DC. on the Germination and Growth of Echinochloa Crus-Galli (L.) Beauv. and Phaseolus Lathyroides L.
Sudteerak Saipruemchit | King Mongkut’s Institute of Technology Ladkrabang
Chamroon Laosinwattana | King Mongkut’s Institute of Technology Ladkrabang

ICEAS-3596
Ambient Bacterial Distribution during Long-Range Transportation in Northern Taiwan
Nai-Tzu Chen | National Cheng Kung University
Ngok-Song Cheong | National Cheng Kung University
Chuan-Yao Lin | Research Center for Environmental Changes, Academia Sinica.
Huey-Jen Su | National Cheng Kung University

ICEAS-3597
Effects of Moisture Content on the Emission of DEHP [Di-(2Ethylhexyl) Phthalate] Level from the Plastic Wallpaper
Nai-Yun Hsu | National Cheng Kung University
Yu-Chun Liu | National Cheng Kung University
Chia-Wei Lee | National Kaohsiung First University of Science and Technology
Ching-Chang Lee | National Cheng Kung University
Huey-Jen Su | National Cheng Kung University

ICEAS-3603
Comparison of Estimated Air Exchange Rate by Sulfur Hexafluoride (SF6) Measurements and CO2 Concentrations
Ssu Hui Yu | National Cheng Kung University
Nai Yun Hsu | National Cheng Kung University
Jian Shun Zhang | Syracuse University Engineering and Computer Science
Huey Jen Su | National Cheng Kung University

ICEAS-3746
Antifungal Activity of Crude Extracts from Aglaia Odorata Lour. and Syzygium aromaticum against Phytophthora Parasitica
Chamroon Laosinwattana | King Mongkut’s Institute of Technology Ladkrabang
Duangkamol Siriphraphakachonkit | King Mongkut’s Institute of Technology Ladkrabang
Dusane Thanaboripat | King Mongkut’s Institute of Technology Ladkrabang
ICEAS-3747
Determination of Herbicidal Activity from Tagetes Erecta L. Crude Extract
Pattharin Wichittrakarn | King Mongkut’s Institute of Technology Ladkrabang
Montinee Teerarak | King Mongkut’s Institute of Technology Ladkrabang
Patchanee Charoenying | King Mongkut’s Institute of Technology Ladkrabang
Chamroon Laosinwattana | King Mongkut’s Institute of Technology Ladkrabang

ICEAS-3591
Monitoring 100 Year Land Cover Changes for Exploration of Paleo Extreme Climate Event: A Case Study of Haenam, South Korea
Jieun Kim | Chungnam National University
Jaehyung Yu | Chungnam National University
Dongyoon Yang | Korea Institute of Geoscience and Mineral Resources

ICEAS-3593
Investigation of Sediment Origin on Quaternary Geologic Records of Extreme Climate Based on GIS and Remote Sensing Techniques
Haein Shin | Chungnam National University
Jaehyung Yu | Chungnam National University
Dongyoon Yang | Korea Institute of Geoscience and Mineral Resources

ICEAS-3748
Potential of Aqueous Extract and Solvent Extraction from Spanish Jasmine on Promoting of Seed Germination, Seedling Growth and Seedling Vigor Index of Plants Test
Pariyaporn Netsawang | King Mongkut’s Institute of Technology Ladkrabang
Montinee Teerarak | King Mongkut’s Institute of Technology Ladkrabang
Pattharin Wichittrakarn | King Mongkut’s Institute of Technology Ladkrabang
Chamroon Laosinwattana | King Mongkut’s Institute of Technology Ladkrabang
ICEAS-3439
Photoactivity of WO3 Doped TiO2 Nanosheet for Photocatalytic Oxidation Efficiency of Volatile Organic Compounds
Joon Yeob Lee | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Ji-Hoon Kim | Department of Health Environment, Daegu Health College, Daegu, S. Korea
Seung-Ho Shin | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
MiGyeong Kim | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
SangWoo Kim | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Hyun-Jae Ryu | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Do-Young Song | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Yeoun-Ji Jeong, Dong | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Hyun Kim | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Jae-Won Lee | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Ye-Sol Mon | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea
Wan-Kuen Jo | Department of Environmental Engineering, Kyungpook National University, Daegu, S. Korea

ICEAS-3543
Self-Organization of Perfectly-Ordered Parallel Nanowire Arrays and Nanomeshes on Si(110)-16×2 Surfaces
Ie-Hong Hong | National Chiayi University
Yung-Feng Tsai | National Chiayi University
Tsung-Ming Chen | National Chiayi University
Yen-Chieh Liao | National Chiayi University
Shang-Chieh Yen | National Chiayi University
Yung-Cheng Liao | National Chiayi University
ICEAS-3354
Effects of Donor-π-Acceptor Linkers on Triphenylamine-Based Dyes in Dye-Sensitized Solar Cells
Chien-Hsin Yang | National University of Kaohsiung

ICEAS-3360
The Study of Ferrous Cathode Material Recycles and Production with Scrap
Shinn-Dar Wu | Ming Dao University
Yu-Jyun Liao | Ming Dao University

ICEAS-3370
Combining Carbon Filament Composite and Hydrogen Bottle for Tensile Strength Enhancement
Shinn-Dar Wu | Ming Dao University
Wei-Yang Cheng | National Taiwan University
Hsiao-Kang Ma | National Taiwan University

ICEAS-3426
Electrostrictive Polyurethane Dielectric Elastomer Filled with Carbon Nanotube-Graphene Nanosheet Hybrid Fillers for Flexible Micro-Actuator
Tian Chen | Nanjing University of Aeronautics and Astronautics
Jinhuan Li | Nanjing University of Aeronautics and Astronautics
Kongjun Zhu | Nanjing University of Aeronautics and Astronautics
Jinhao Qiu | Nanjing University of Aeronautics and Astronautics

ICEAS-3430
Blind Hole Analysis for the Growth of Silicon Carbide Single Crystals by Using Physical Vapor Transport
Yu-Shiang Wu | China University of Science and Technology
Cheng-Tsung Hung | China University of Science and Technology

ICEAS-3442
Synthesis of ZnO Nanostructures through Directive Melt Oxidation of Al-Zn Mixture
Geun-Hyoung Lee | Dong-eui University
ICEAS-3445
Antibacterial Evaluation of Silver-Incorporated Mesoporous Bioactive Glass Powders Prepared with a Polyurethane Foam-F127 Co-Template Process
Chi-Jen Shih | Kaohsiung Medical University
Yi-Jhen Chen | Kaohsiung Medical University

ICEAS-3447
Investigation of ZnO Thin Films Deposited on Flexible Polyimide Substrates for Piezoelectric Generators Application
Ying-Chung Chen | National Sun Yat-Sen University
Chien-Chuan Cheng | De Lin Institute of Technology
Kuo-Sheng Kao | Shu-Te University
Chih-Ming Wang | Cheng Shiu University
Wei-Tsai Chang | National Sun Yat-Sen University
Wei-Che Shih | National Sun Yat-Sen University
Siang-Yin Lin | National Sun Yat-Sen University

ICEAS-3497
Preparation and Electrochemical Migration of Silver for Highly Conductive Silver/Graphene Composites
Jinhuan Lia | Nanjing University of Aeronautics and Astronautics
Lingping Zhong | Nanjing University of Aeronautics and Astronautics
Lufang Wang | Nanjing University of Aeronautics and Astronautics
Tian Chen | Nanjing University of Aeronautics and Astronautics
Zhaoping Lv | Nanjing University of Aeronautics and Astronautics
Bin Liu | Nanjing University of Aeronautics and Astronautics

ICEAS-3501
LC-PDA/MS/MS Analysis of Sinigrin in Dolsan Leaf Mustard Treated with Various Blanching Temperatures
HaeReon Son | Chonnam National University
Chigen Tsukamoto | Iwate University
SunKyung Oh | Chonnam National University
KyoungMin Kim | Chonnam National University
MyeongRak Choi | Chonnam National University
ICEAS-3621
Fuel Cells Use the Foam Tea Graphitization Technologies in Response Electrodes of Research
Lai, Wei-Hsiang | National Cheng Kung University
Lin, Yea-Chyi | National Cheng Kung University
Wu, Shinn-Dar | MingDao University

ICEAS-3837
Rapid Thermal Annealing Effects on InGaN Films with Different Indium Compositions
Chien-Feng Chiu | National Changhua University of Education
Tsung-Shine Ko | National Changhua University of Education
Der-Yuh Lin | National Changhua University of Education
Wei-Li Chen | National Changhua University of Education
Bing-Feng Lin | National Changhua University of Education
Sha-Shiong Ng | Universiti Sains Malaysia
Pauline Yew | Institut Penyelidikan & Teknologi Nano-Optoelektronik (INOR) Universiti Sains Malaysia
Hone-Zern Chen | Hsiuping University of Science and Technology

ICEAS-3768
Enhancement of Light Extraction Efficiency of GaN LED by Forming the ZnO Nanostructure
Joongyeon Cho | Korea University

ICEAS-3869
Microstructure and Antiwear Properties at Elevated Temperatures of Crtisin Coatings Synthesized by a Cathodic Arc Deposition Process
Tung-Sheng Yang | National Formosa University
Poster Sessions–July 22

Poster Session 7

Management 3 / Biomedical Engineering 2 / Computer and Information Sciences 2 / Life Science 3

B1, Renaissance Sapporo Hotel
2015/07/22 Wednesday 09:30-10:30

BREFM-22290
Value Creating in Medical Institutions under Public-Private Partnership: Comparative Case Study
Yu Hua Yan | Tainan Municipal Hospital
Chih Ming Kung | Shih Chien University

BREFM-22291
The Correlation between Relationship Quality and Behavioral Intentions Exhibited by Various Cosmetology Groups- A Study on the Medical Cosmetology and Salon Cosmetology Practitioners in Taiwan
Yu Hua Yan | Tainan Municipal Hospital
Chih Ming Kung | Shih Chien University

ICEAS-3534
The Influences of Loading Rates and Floor Slipperiness of Stair on Subjective Ratings
Yao-Wen Hsu | Ta-Hwa University of Science and Technology
Lieh Chen | Ta-Hwa University of Science and Technology

ICEAS-3315
Ultrasound Detection of Scatterer Concentration by Information Weighted Entropy
Po-Hsiang Tsui | Chang Gung University
ICEAS-3481
Surface Dictates Enzyme-Like Activities of Gold Nanoclusters: Suppressing the Production of Highly Toxic Hydroxyl Radicals for Neuroprotection
Ching-Ping Liu | National Health Research Institutes
Te-Haw Wu | National Health Research Institutes
Yu-Lung Lin | National Health Research Institutes
Chia-Yeh Liu | National Health Research Institutes
Sabrina Wang | National Yang-Ming University
Shu-Yi Lin | National Health Research Institutes

ICEAS-3413
Fabrication of a Peristaltic Micropump with UV Curable Adhesive
Yi-Chu Hsu | Southern Taiwan University of Science and Technology
Jeffrey Levin | Southern Taiwan University of Science and Technology

ICEAS-3457
Training Coordination of Muscular Force Feedback Device
Hsin-Chieh Chen | Hungkuang University
Yi-You Hou | Far East University
Wan-Jung Chang | Southern Taiwan University of Science and Technology
Hu-Chang Tsai | National Kaohsiung Marine University
Cheng-Shun Fang | National Kaohsiung Marine University

ICEAS-3476
Assessing the Effect of Postural Orthostatic Tachycardia Syndrome on Circulatory System and Baroreflex in Response to Head-Up Tilt
Ben-Yi Liau | Hungkuang University
Shoou-Jeng Yeh | Cheng-Ching General Hospital

ICEAS-3449
On AR-based Elasticity Game Design
Jen-Yang Chen | Ming Chuan University
Chuan-Hsi Liu | National Taiwan Normal University
Wen-Kai Wang | Ming Chuan University
ICEAS-3517
Implementation of a Virtual-Network-Mapping Application in Software-Defined Networks
Wu-Hsiao Hsu | Ming Chuan University
Kai-Hui Lee | Ming Chuan University
Pei-Ling Chiu | Ming Chuan University
Shih-Yu Huang | Ming Chuan University
Hou-Chih Chou | Ming Chuan University

ICEAS-3532
Automatically Replacing Faces in Video
Chaur-Heh Hsieh | Ming Chuan University
Chin-Pan Huang | Ming Chuan University
Ping-Sheng Huang | Ming Chuan University
Hsiu-Chien Hsu | Ming Chuan University
Owen Hsieh | Unalis Tech Co., Ltd

ICEAS-3546
A Cloud Operating System Based on Linux Container
Chun-Hung Richard Lin | National Sun Yat-sen University
Ming-Chuan Hsiao | National Sun Yat-sen University
Kuan-Hua Tseng | National Sun Yat-sen University
Jain-Shing Liu | Providence University

ICEAS-3572
Real-Time Depth Estimation Using Adaptive Window on GPU
Fang-Hsuan cheng | Chung Hua University
Kuan-Yu Huang | Chung Hua University

ICEAS-3609
Quantitative Analysis of Effect in Trade Agreements upon Taiwan Stock Market
Pei-Wei Tsai | Fujian University of Technology
Cheng-Ju Liu | National Kaohsiung University of Applied Sciences
Jui-Fang Chang | National Kaohsiung University of Applied Sciences

ICEAS-3688
Fast Intra Transcoding from H.264/AVC to High Efficiency Video Coding
Wei-jong Yang | National University of Tainan
Chow-Sing Lin | National University of Tainan
IBCELC-964
The Inhibitory Effect of Abietic Acid on Melanoma Cancer Metastasis and Invasiveness in Vitro and in Vivo
Pei-Ni Chen | Chung Shan Medical University

IBCELC-971
Early Onsets of Liver Hyperplasia Driven by Over-Expression of MiR-21 in Zebrafish
Chi-Yu Lai | National Taiwan Ocean University
Yang-Wen Hsieh | National Taiwan Ocean University
Chiu-Ya Lin | National Taiwan Ocean University
Guor Mour Her | National Taiwan Ocean University

IBCELC-984
N-Methyl-D-Aspartate Receptor Subunit 2D Localizes to the Muscle Cell Membrane and Plays a Role during Zebrafish Myogenesis
Zi-Yu Lin | Tamkang University
Yau-Hung Chen | Tamkang University

IBCELC-994
Ribosomal Protein L4 Contributes H3K4me2 Dependent and Independent Extraribosomal Functions to Support Epstein-Barr Virus Episome-Mediated Events
Chih-Lung Shen | Tzu-Chi University
Cheng-Der Liu | Tzu-Chi University
Hao-Jen Hsu | Tzu-Chi University
Ren-In You | Tzu-Chi University
Ya-Lin Chen | Tzu-Chi University
Chi-Ping Cheng | Tzu-Chi University
Je-Wen Liou | Tzu-Chi University
Hong-Chi Chen | Tzu-Chi University
Chih-Wen Peng | Tzu-Chi University
Glutamine is the Key for Performance and Medium Expiration of Porcine Zygote Medium
Jeong-Woo Choi | Chungbuk National University
Ming-Hui Zhao | Chungbuk National University
Shuang Liang | Chungbuk National University
Jing-Guo | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
Xiang-Shun Cui | Chungbuk National University

Gene Expression Profiling in Mild Cognitive Impairment and Alzheimer’s Disease Peripheral Blood: A Pilot Study
Ainon Zahariah Samsudin | Universiti Teknologi MARA
Kalavathy Ramasamy | Universiti Teknologi MARA
Tan Maw Pin | University Malaya
Chin Ai-Vyrn | University Malaya
Philip Poi | University Malaya
Shahrul Bahyah Kamaruzzaman | University Malaya
Abu Bakar Abdul Majeed | Universiti Teknologi MARA

Spectroscopic Studies on The Interaction of Flavonoid Galangin with Metal Ions
Hyoung-Ryun Park | Chonnam National University
Ok-Hyun Park | Chonnam National University
Jee-Bum Lee | Chonnam National University
Kyung-Chul Yoon | Chonnam National University

Identification of a Pah-Degrading Fungi from Oil Contaminated Soil and the Related Gene’S Expression in Transcript Profile
Qiuyu Wang | Northeast Forest University
Lina Qu | Daqing Normal University
Mei Liu | Harbin Institute of Technology
IBCELC-1029
A Bivalent Role of Fe3+ in Porcine Embryos Development
Ming-Hui Zhao | Chungbuk National University
Shuang Liang | Chungbuk National University
Seon-Hyang Kim | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
Xiang-Shun Cui | Chungbuk National University

IBCELC-1031
Actin Nucleators Control the Asymmetric Cleavage of the CD Blastomere in The Leech Helobella Austinesis
In-Won Lee | Chungbuk National University
Suk Namgoong | Chungbuk National University
Sung Jin Cho | Chungbuk National University
Jin Ho Cho | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University

IBCELC-1032
Tropomodulin-3 Play Essential Roles in Asymmetric Division of Maturing Mouse Oocytes
Yu-Jin Jo | Chungbuk National University
So-Rim Lee | Chungbuk National University
Jia-Lin Jia | Chungbuk National University
Hak-Cheol Kim | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
Suk Namgoong | Chungbuk National University

IBCELC-1033
Expression Patterns of Cyclin-Dependent Kinase Inhibitor P21and Roles of Cell Cycle Check Point in Porcine Parthenotes
Sung-Min Jeong | Chungbuk National University
Jeong-Woo Kwon | Chungbuk National University
Jin-Ho Cho | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
IBCELC-1034
Increase of CRISPR/CAS9 Efficiency Using by Chemical Treatment in Porcine Parthenotes
Beom-Jin Jo | Chungbuk National University
Jeong-Woo Kwon | Chungbuk National University
Jin-Ho Cho | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
Poster Session 8

Education 2 / Business 1 / MIS-Management Information System / Civil Engineering /

Electrical and Electronic Engineering 2

B1, Renaissance Sapporo Hotel
2015/07/22 Wednesday 11:00-12:00

ISBSS-4407
The Meaning of Activities of Annual Cyclic Rite in Child Education Institutions to Health of Child
Eunju Kim | Department of Childhood Education, Pusan National University
Heejong Yeon | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University

ISBSS-4455
How Do Pre-Service Teachers for Young Children Perceive Diversity, Particularly, Homosexuality in Korea?
Younsun Lee | Department of Early Childhood Education, Pusan National University
Taekyung Kim | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
Heejong Yeon | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University

ISBSS-4465
Images of Warm Educational Community in Korean Pre-Service Early Childhood Teachers: Analysis of Adjectives
MoonNa Young | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
KaiSook Chung | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
JuYoun Kyun | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
ISBSS-4577
Hermeneutic Conversation on Ethics of Love in Early Childhood Education: Focusing on Levinas’s Thoughts
Sung-Sook Kim | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
Min-Ju Seo | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University
Boo-Yeun Lim | Pusan National University

ISBSS-4459
Parent’s Recognition of Parents Participation as Volunteers in Kindergarten Classrooms
Hajeong Lee | BK21 Plus Eco-Edu System Research Team, Department of Early Childhood Education, Pusan National University

ISBSS-4380
Psychosocially Matured Aging: Beyond the Successful Aging
Jeong-Shin An | Pusan National University
Young-Sook Chong | Pusan National University
Su-Gyun Seo | Pusan National University

BREFM-22345
The Outcomes Analysis of Using High-Frequency Oscillatory
Shu-Chen Hsing | Chi-Mei Medical Center
Yu-Cheng Chen | Chia-Nan University of Pharmacy and Science
Tsair-Wei Chien | Chi-Mei Medical Center
Kuo-chen Cheng | Chi-Mei Medical Center

BREFM-22414
Mitigating IS Employees’ Strain: The Roles of Online Social Support and Coping Strategies
Chao-Min Chiu | National Sun Yat-sen University
BREFM-22428
Meta-Analysis for Industrial Security Research Trends
Onechul Na | Chung-Ang University
Soyoung Sung | Chung-Ang University
Hyojik Lee | Chung-Ang University
Hangbae Chang | Chung-Ang University

BREFM-22449
Research and Application of Fast Image Decomposition Algorithm Base on Morphological Component Analysis and SSIM
Chih Ming, Kung | Shih Chien University Kaohsiung Campus

ICEAS-3369
A Study on Transition Process of Free Flow and Congestion on Freeways
Hyunha Shin | Seoul National University
Young Ihn Lee | Seoul National University

ICEAS-3519
Comfort Threshold Analysis on Curve Sections of Mountainous Highways Based on Drivers, Heart Rate Variability
Fengze Tang | Tongji University
Zewen Yu | Hunan Communications Research Institute
Chensheng Guo | Hunan Tianzhi Traffic Construction Technology Co., Ltd.
Wenjun Du | Tongji University
Xiaodong Pan | Tongji University

ICEAS-3545
Research of Width of Shoulders at Tunnel Entrance and Exit on Driver’s Psychological Response
Xin Wen | Tongji University
Zewen Yu | Hunan Communications Research Institute
Chensheng Guo | Hunan Tianzhi Traffic Construction Technology Co. Ltd.
Feng Chen | Tongji University
Xiaodong Pan | Tongji University
ICEAS-3547
A Study on the Nighttime Visibility Assessment Method for Road
Young Rok Kim | Korea Institute of Civil Engineering and Building Technology
Chunjoo Yoon | Korea Institute of Civil Engineering and Building Technology
Won Il Park | University of Science & Technology at Korea Institute of Civil Engineering and Building Technology Campus

ICEAS-3564
Analysis of Influence of Tunnel Luminance Environment on Driving Visual Safety
Meng Xu | Tongji University
Zewen Yu | Hunan Communications Research Institute
Chensheng Guo | Hunan Tianzhi Traffic Construction Technology Co., Ltd.
Xiaodong Pan | Tongji University
Feng Chen | Tongji University

ICEAS-3728
Lightweight Concrete Fracture Energy Derived by Inverse Analysis
MinHo Kown | Gyeongsang National University
SeongHyeok Lee | Korea Railroad Research Institute(KRRI)
Jaeyoung Cho | Infra & Offshore Research Team, GS E&C
WooYoung Jung | Gangneung-Wonju National University

ICEAS-3847
Analysis on the Reconstruction of Space and Environment of the China Tradition Dwelling -- The Hougou Ancient Village, Yuci District, Shanxi Province
Guo Jingxin | Taiyuan University of Technology
Zhao Qing | Taiyuan University of Technology

ICEAS-3879
Lessons Learned from the 2014 Kaohsiung Gas Explosions
H. Y. Chang | National University of Kaohsiung
C.T. Liao | National University of Kaohsiung
L.Y. Wang | National Kaohsiung First University of Science and Engineering
Y F. Lan | Taipei Counseling Psychologist Association
ICEAS-3496
Study on Self-Coupling Terminal Voltage Sensor for Real-Time Measuring
Takehshi Yoshimatsu | Aichi Institute of Technology
Norio Tsuda | Aichi Institute of Technology
Jun Yamada | Aichi Institute of Technology

ICEAS-3542
The Slot Antenna Applicable to 5G Wi-Fi
Cheng-Wei Chen | I-Shou University
Lih-Shan Chen | I-Shou University

ICEAS-3563
Managing and Planning Program Development of Electrical Power Consumption for Feed Factory
Ornpim Apisit | Kasetsart University
Kiatiyuth Kveeyarn | Kasetsart University

ICEAS-3638
The Isolation of MIMO Patch Antenna Systems by Modifications in the Ground Plane
Wei-Jia Su | I-Shou University
Lih-Shan Chen | I-Shou University

ICEAS-3647
Development Platform of Digital Servo
Wei-Lun Li | I-Shou University
Chii-Maw Uang | I-Shou University

ICEAS-3665
Mode Dependent Observer-Based Controller Design for a Singular Markovian Jump System
Ching-Min Lee | I-Shou University
Zi-Hang Hong | I-Shou University

ICEAS-3671
Monitoring Technique for Movement of Human Body under Noncontact Conditions
Koichi Kurita | Kinki University
ICEAS-3681
Using the Charge Control Layer to Fabricate White Organic Light-Emitting Diodes with a Red Fluorescent Dopant
Yu-Chun Wu | I-Shou University
Shui-Hsiang Su | I-Shou University
Meiso Yokoyama | I-Shou University

ICEAS-3889
Node Development of Wireless Sensor Network with Energy Harvesting
Chau-Chung Song | National Formosa University
Bo-Hao Yan | National Formosa University
Yu-Sheng Hsiao | National Formosa University

ICEAS-3803
Compensation of Voltage Sags and Swells Using Dynamic Voltage Restorer Based on H-Bridge AC/AC Converter
Yu-Kai Chen | National Formosa University
Lian-Jing Chen | KAI JAIN Electronic CO., LTD
Rong-Jyue Wang | National Formosa University
Hsien-Chih Chiu | National Formosa University
Poster Session 9

Life Science 4 / Mechanical Engineering 1 / Education 3

B1, Renaissance Sapporo Hotel
2015/07/22 Wednesday 13:30-14:30

IBCELC-1035
A Computational Prediction of Alzheimer’s and Parkinson’s Disease Micrornas in Domestic Animals
HaiYang Wang | Chungbuk National University
ZiLi Lin | Chungbuk National University
XianFeng Yu | Chungbuk National University
Xiang-Shun Cui | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University

IBCELC-1036
Roles of Glial Maturation Factor (GMF) in Mouse Oocyte Maturation and Early Embryogenesis
So-Rim Lee | Chungbuk National University
Yu-Jin Jo | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
Suk Namgoong | Chungbuk National University

IBCELC-1037
The Function of LRH-1 in Porcine Early Embryo Development
Jing-Guo | Chungbuk National University
Ming-Hui Zhao | Chungbuk National University
Shuang Liang | Chungbuk National University
Jeong-Woo Choi | Chungbuk National University
Nam-Hyung Kim | Chungbuk National University
Xiang-Shun Cui | Chungbuk National University
**IBCELC-1042**

Production of Bioactive Peptides for Their Antioxidant Properties from Red Ant (Oecophylla Smaragdina) Eggs  
Werawich Pattarayingsakul | Mahidol University  
Watanalai Panbangred | Mahidol University  
Idsada Mungsantisuk | Mahidol University  
Arjaree Nilavongs | Mahidol University

**IBCELC-1093**

Modeling of Human Ghrelin Receptor and Simulation of Its Ligand-Binding Modes  
Shih-Hsin Hu | National Chung Hsing University  
Ya-Lin Liu | National Chung Hsing University  
Shih-Min Wang | Institute of Nuclear Energy Research  
Feng-Yin Li | National Chung Hsing University

**IBCELC-1100**

Yield Potential and Seed Oil Content of the First Harvest Jatropha Curcas Linn. In Bayan, North Lombok – West Nusa Tenggara and Kedung Pengaron, Pasuruan-East Java  
Maftuchah | University of Muhammadiyah Malang  
Agus Zainudin | University of Muhammadiyah Malang  
Hadi Sudarmo | Tobacco and Fiber Research Centre

**IBCELC-1112**

Quantitative Analysis of (+)-Catechin and (-)-Epicatechin in Pentace Burmanica Stem Bark by HPLC  
Thidarat Duangyod | Chulalongkorn University  
Chanida Palunuvej | Chulalongkorn University  
Nijsiri Ruangrungsi | Chulalongkorn University; Rangsit University
IBCELC-1142
Evaluation of the Accuracy of Measuring Devices in Measuring Volume of Liquid Drugs
Carol Pui Shan Kwok | The Open University of Hong Kong
Linda Yin King Lee | The Open University of Hong Kong
Lai Yu Chan | The Open University of Hong Kong
Hoi Yi Chu | The Open University of Hong Kong
Hoi Ping Hui | The Open University of Hong Kong
Hoi Kit Leung | The Open University of Hong Kong
Lee Li | The Open University of Hong Kong
Hoi Yee Pang | The Open University of Hong Kong
Yee Man Tai | The Open University of Hong Kong
Kwan Yi Tang | The Open University of Hong Kong
Tin Chak Tse | The Open University of Hong Kong
Jennifer Fei Yin Yu | The Open University of Hong Kong

IBCELC-1156
Proportion of Variance Explained by Common Single Nucleotide Variants for Vascular Dementia
Jihye Ryu | Soongsil University
Younyoung Kim | Soongsil University
Chaeyoung Lee | Soongsil University

IBCELC-1158
Genome-Wide Association Study Reveals Novel Nucleotide Variants Associated with Susceptibility to Complex Diseases Using a Mixed Model
Younyoung Kim | Soongsil University
Yujin Seo | Soongsil University
Jihye Ryu | Soongsil University
Chaeyoung Lee | Soongsil University
IBCELC-1167
Biodiversity of Snakeskin Gourami (Trichogaster pectoralis) in Thailand
Chutapa Kunsook | Rambhai Barni Rajabhat University
Alisa Soontornwat | Huachiew Chalermprakiet University
Supaporn Wannapinyosheep | Huachiew Chalermprakiet University
Dechavudh Nityasuddhi | Huachiew Chalermprakiet University
Vipawan Vitayakritsirikul | Huachiew Chalermprakiet University
Pornpimon Kanjanavas | Huachiew Chalermprakiet University

IBCELC-1172
Screening and Producing of Polyhydroxyalkanoated (PHAs) from Soil Bacteria
Pornpimon Kanjanavas | Huachiew Chalermprakiet University
Panuphat Sinwisarn | Huachiew Chalermprakiet University
Suchaya Jitrakthai | Huachiew Chalermprakiet University
Thanthita Nernchai | Huachiew Chalermprakiet University
Rapeepat Wongsinghakul | Huachiew Chalermprakiet University
Kosum Chansiri | Srinakharinwirot University

IBCELC-1178
Effects of Thinning Strategies on Growth and Wood Quality of Taiwan Red Cypress (Chamaecyparis formosensis Matsum) Plantations in Dasyueshan Area, Central Taiwan
Po-Yu Su | National Pingtung University of Science and Technology
Chia-Ho Kuo | National Pingtung University of Science and Technology
Shang-Chuan Huang | National Pingtung University of Science and Technology
Chaur-Tzuh Chen | National Pingtung University of Science and Technology
Jan-Chang Chen | National Pingtung University of Science and Technology

IBCELC-996
MiR-19a, -19b, and -26b Mediate CTGF Expression and Myofibroblast Differentiation
Yen-Chou Chen | Taipei Medical University; Taipei Medical University Hospital
Shin-Hua Lin | Taipei Medical University
Chien-Huang Lin | Taipei Medical University
**IBCELC-1084**
Regulation on MCP-1 Expression and Secretion of Dental Pulp Cells By IL-1B: Role of TAK1, MEK/ERK, and PI3K/Akt Signaling Pathways
Jiiang-Huei Jeng | National Taiwan University Hospital and National Taiwan University Medical College
Po-Yuan Jeng | CEU Cardenal Herrera University, Valencia
Ru-Hsiu Cheng | National Taiwan University Hospital and National Taiwan University Medical College
Mei-Chi Chang | Chang Gung University of Science and Technology, Taoyuan City

**IBCELC-1086**
Effect of TGF-B1 on the Biological Activity of Dental Pulp Stem Cells from Exfoliated Deciduous Teeth (SHED)
Mei-Chi Chang | Chang Gung University of Science and Technology
I-Li Chen | National Taiwan University Hospital and National Taiwan University Medical College
Po-Yuan Jeng | CEU Cardenal Herrera University, Valencia
Ru-Hsiu Cheng | National Taiwan University Hospital and National Taiwan University Medical College
Jiiang-Huei Jeng | National Taiwan University Hospital and National Taiwan University Medical College

**ICEAS-3350**
Optimal Trajectory of Parallel Robots for the Maximum Dynamic Load-Carrying Capacity
Chun-Ta Chen | National Taiwan Normal University
Kuan-Ting Chao | National Taiwan Normal University
Yu-Cheng Wu | National Taiwan Normal University

**ICEAS-3392**
A Study on the Design of a Large Scale Hinge System for a Foldable Container
Yong-Shin Lee | Kookmin University
Sanghun Yoon | Kookmin University

**ICEAS-3433**
Structural Optimization Scheme for Waveguide Design in Microwave Range
Hyundo Shin | Yonsei University
Jeonghoon Yoo | Yonsei University
ICEAS-3582
Two-Dimensional MHD Natural Convection in a Square Cavity with Rectangular Block by Different Directions of Applied Magnetic Field
Yeong Min Cheon | Kyungpook Nat’l University
Kang Wook Lee | Kyungpook Nat’l University
Il Seouk Park | Kyungpook Nat’l University

ICEAS-3589
Performance Study on the Honeycomb Type Impact Limiter for Spent Nuclear Fuel Transport Casks
Taemyung Shin | Korea National University of Transportation
Gichan Kim | Korea National University of Transportation

ICEAS-3650
Development of Post Processor for Head Tilting Type Five-axis Machine Rotating around an Axis B.
Hwang-Jin Son | Changwon National University
Kyoo- Sung Park | Catholic University of Daegu
Young-Tae Cho | Changwon National University
Yoon-Gyo Jung | Changwon National University

ICEAS-3653
A Study on the Development of Post Processor for Five-Axis Machining Using Angle Head Spindle
Woong-Beom Kim | Changwon National University
Jong-Dae Hwang | Changwon National University
Young-Tae Cho | Changwon National University
Yoon-Gyo Jung | Changwon National University

ICEAS-3775
Feasibility Study of Energy Supply System for Large-Scale Horticulture Facility Considering the Regional Energy Reserves in Korea
Min-Gyung Yu | Pusan National University
Yujin Nam | Pusan National University
Kyung-Hee Lee | Pusan National University
ICEAS-3840
Dynamic Simulation for the Optimum Design of PVT System
Yong-Dae, Jeong | Pusan National University
Yujin, Nam | Pusan National University

ICEAS-3853
Spectral Element Analysis of the Dynamic Interfacial Stresses in Three-Layer Beams
Younghoon Song | Inha University
Ilwook Park | Inha University
Usik Lee | Inha University
Oh-Yang Kwon | Inha University

ISBSS-4684
Diverse Imagination of Art Intervening Community - A Discourse on Artistic Realization of Higher Education
Tun-Ju Liao | National Formosa University

ISBSS-4410
A Structural Relationship among Grit, Personality, and School Maladjustment
Hyesuk Ha | Korea National Open University
Mae Hyang Hwang | Gyeongin National University of Education
Hyo Jin Lim | Chonbuk National University
Poster Session 10

Chemical Engineering 2 / Mechanical Engineering 2 / Business 2 / Management 4

B1, Renaissance Sapporo Hotel
2015/07/22 Wednesday 15:00-16:00

ICEAS-3485
An Ionic Small Molecule for Blue Light-Emitting Electrochemical Cells
Shanmugasundaram Kanagaraj | Pusan National University
Youngson Choe | Pusan National University

ICEAS-3487
Thiazole and Pyridine Based on Cationic Iridium Complexes for Light-Emitting Chemical Cells
Youngbae Jeon | Pusan National University

ICEAS-3548
Characterization and Dynamic Mechanical Properties of Newly Synthesized PMMA Ionomers Containing Sodium 3-Sulfopropylmethacrylate Repeat Units
Kwang-Hwan Ko | Chosun University
Joon-Seop Kim | Chosun University

ICEAS-3551
Effects of the Temperature on the Self-Healing of Sulfonated Polystyrene Ionomers Having Cracks
Eun-Hee Kim | Chosun University
Joon-Seop Kim | Chosun University

ICEAS-3552
Effects of the Type of Cations on the Water Uptake Behavior of Styrene-Co-Methacrylate Ionomers
In-Sub So | Chosun University
Joon-Seop Kim | Chosun University
ICEAS-3556
Optimization for Reaction of Phenol with Styrene Employing Various Catalysts
Bichna Kim  |  Sunchon National University
Eun Ju Shin  |  Sunchon National University
Minchul Chung  |  Sunchon National University
Hogeun Ahn  |  Sunchon National University
Mikyeong Jang  |  Sunchon National University
Wonbong Kwak  |  SFC. Co., Ltd.
Sunghun Jung  |  SFC. Co., Ltd.

ICEAS-3560
Time-Dependent Growth Characteristics of Graphene Shells on Al2O3 Nanoparticles
Chang-Duk Kim  |  Kyungpook National University
Chinho Park  |  Yeungnam University
Hong Tak Kim  |  Yeungnam University

ICEAS-3569
Method on Synthesis of Styrenated Phenol with High Selectivity
Seokhwan Son  |  Sunchon University
Jinhyun Kim  |  Sunchon University
Hogeun Ahn  |  Sunchon University
Eun Ju Shin  |  Sunchon University
Mikyeong Jang  |  Sunchon University
Wonbong Kwak  |  SFC. Co., Ltd.
Sunghun Jung  |  SFC. Co., Ltd.
Minchul Chung  |  Sunchon University

ICEAS-3607
Graphitized Polydopamine Nanowires for High Performance Wire-Type Supercapacitors
Wonoh Lee  |  Korea Institute of Materials Science
Youngseok Oh  |  Korea Institute of Materials Science
**ICEAS-3624**

**Preparation of Styrenated Phenol by Alkylation of Phenol with Styrene on SO42/-Zro2 Catalyst**

Hyeonjun Yun | *Sunchon National University*
Yeongho Lee | *Sunchon National University*
Minchul Chung | *Sunchon National University*
Eun Ju Shin | *Sunchon National University*
Mikyeong Jang | *Sunchon National University*
Ki-Joong Kim | *Oregon State University*
Sunghun Jung | *SFC. Co., Ltd.*
Wonbong Kwak | *SFC. Co., Ltd.*
Hogeun Ahn | *Sunchon National University*

**ICEAS-3628**

**A Study on the Synthesis of Styrenated Phenols over SO42/-TiO2 Catalysts**

Yeongho Lee | *Sunchon National University*
Hyunjun Yun | *Sunchon National University*
Minchul Chung | *Sunchon National University*
Eun Ju Shin | *Sunchon National University*
Mikyeong Jang | *Sunchon National University*
Ki-Joong Kim | *Oregon State University*
Wonbong Kwak | *SFC. Co., Ltd.*
Sunghun Jung | *SFC. Co., Ltd.*
Hogeun Ahn | *Sunchon National University*

**ICEAS-3901**

**Control of Uniform Nano-Biopolymer Using Microfluidics Device**

Ho-Sup Jung | *Seoul National University*
Do Hyun Kang | *Seoul National University*
Young-Hwan Son | *Seoul National University*
Keesung Kim | *Seoul National University*
Pahn-Shick Chang | *Seoul National University*

**ICEAS-10736**

**Synthesis of Iron and Niobium-Doped Titania Nanobelts for Dye-Sensitized Solar Cells**

Chien-Tsung Wang | *National Yunlin University of Science and Technology*
Hong-Syuan Lin | *National Yunlin University of Science and Technology*
Wei-Ping Wang | *National Yunlin University of Science and Technology*
ICEAS-3862
An Ultrasonic Beacon-Based Localization Scheme Considering Motion Uncertainty of Mobile Robots
Jiwoong Kim | Korea University
Jiyong Jin | Korea University
Hyunki Kwon | Korea University
Hyunsuk Lee | Korea University
Jihoon Seong | Korea University
Donggeun Cha | Korea University
Kooktae Lee | Texas A&M University
Chang-bae Moon | Hyundai Mobis Co., Ltd.
Woojin Chung | Korea University

ICEAS-3863
Performance Variation of a PEMFC according to the Direction of Hydrogen Supply
Yongtaek Lee | Hannam University
Sungwook Kang | Hannam University

ICEAS-3865
Tracking Human Legs for an Indoor Mobile Robot with a Single Laser Range Finder
Donggeun Cha | Korea University
Hyojoo Cho | Korea University
Jiyong Jin | Korea University
Hyunki Kwon | Korea University
Jiwoong Kim | Korea University
Hyunsuk Lee | Korea University
Jihoon Seong | Korea University
Chang-Bae Moon | Hyundai Mobis Co., Ltd.
Hoyeon Kim | Drexel University
Yoonchang Sung | Virginia Polytechnic Institute and State University
Woojin Chung | Korea University
ICEAS-3874
Drivable Road Region Detection and Autonomous Navigation of a Surveillance Robot
Hyunsuk Lee | Korea University
Woosik Lee | Korea University
Jiwoong Kim | Korea University
Jiyong Jin | Korea University
Hyunki Kwon | Korea University
Dongeun Cha | Korea University
Youjins Shin | Massachusetts Institute of Technology
Changbae Moon | Hyundai Mobis Co., Ltd.
Woojin Chung | Korea University

ICEAS-3881
Spectral Element Modeling and Analysis of the Transverse Vibration of a Membrane
Younghoon Song | Inha University
Usik Lee | Inha University

ICEAS-3908
FEM Analysis of the Stress in the Breast while Using a Breast Pump with Roller Cam
Dein Shaw | National Tsing Hua University
Hui-Ro Zhang | National Tsing Hua University
Hui-An Hsieh | National Tsing Hua University

ICEAS-3914
The Effect of Selenization Temperatures on the Microstructural Characteristic of CIGS Thin Films
Kuang-Hsiang Liao | National Taipei University of Technology
Cherng-Yuh Su | National Taipei University of Technology

ICEAS-3952
Study on the Thermal Flow Analysis of Cryogenic Chamber for Cold Climate Test of Large Wind Turbine Parts
Min-Kyu Kim | Pusan National University
Yulho Kang | Pusan National University
Warn-Gyu Park | Pusan National University
ICEAS-3787
Error Analysis of Tilt Angle Estimation Using Accelerometers
Min Sig Kang | Gachon University
Jae Jin Kim | Gachon University

BREFM-22434
The Relationship between the Internationalization Process of Taiwanese SMEs and Business Networks
Wei-Long Lee | National Kaohsiung University of Applied Sciences
Yi-Ping Tang | National Kaohsiung University of Applied Sciences

BREFM-23227
On the Decomposition Property for Inventory Problems with Multiple Demand Classes
Yimin Yu | City University of Hong Kong
Li Chen | City University of Hong Kong

ISBSS-4318
A Case Study on the Behavior Model of E-Shopping for Sport Production
Kuo-Chin Lin | National Tsing Hua University
Chih-Fu Cheng | National Taiwan Normal University

ISBSS-4464
The Impact of Stress Coping and OMAK on Well-Being
Yu, Shih Cheng | National Yun-Lin University of Science and Technology

ISBSS-4427
The Application of Experiential Marketing to Professional Sports: The Case Study of Lamigo Monkeys Baseball Team
Tsung-Ta Hsieh | National Taiwan Normal University
Chih-Fu Cheng | National Taiwan Normal University

ISBSS-4384
Habitual Exercise Development of Taiwan Elderly
En-Szu Lin | National Taiwan Normal University
Jui-Fu Chen | National Taiwan Normal University