

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

ISBN 978-986-87417-9-9

BREFM

International Business, Economics, Finance and Management Conference

ISBN 978-986-90827-0-9

IBCELC

International Biotechnology, Chemical Engineering and Life Science Conference

ISBN 978-986-90263-9-0

ICEAS

International Conference on Engineering and Applied Science

ISBN 978-986-87417-1-3

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Conference Schedule

Monday, July 20, 2015		
Oral Sessions		
Time	Information	Venue
13:00-17:00	Registration	
14:00-15:30	Marketing 1	Roma
	Education 1	Venezia
	Management 1	Raffaeollo
	Civil Engineering 1	Michaelangelo
	Computer and Information Sciences 1	Davinci
15:30-15:45	Tea Break & Networking	
15:45-17:15	MIS-Management Information System 1	Roma
	Finance & Accounting 1	Venezia
	Life Science 1	Raffaeollo
	Electrical and Electronic Engineering 1	Michaelangelo
	Environmental Sciences 1	Davinci

Monday, July 20, 2015	
Poster Sessions	
B1, Renaissance Sapporo Hotel	
Time	Information
16:00-17:00	Poster Session(1) Management 1 / Communication / Life Science 1

Tuesday, July 21, 2015
Oral Sessions

Time	Information	Venue
08:00-18:00	Registration	
09:00-10:30	Economics 1	Roma
	Business 1/ Management 2	Venezia
	Nature Science Keynote Speech Keynote Speaker: Kwun Nam Hui Paper title: <i>Strategic Potential Use of Layered Double Hydroxides as Electrode Materials for Supercapacitors</i>	Raffaeollo
	Education 2	Michaelangelo
	Finance & Accounting 2	Davinci
10:30-10:45	Tea Break & Networking	
10:45-12:15	Chemical Engineering	Roma
	Electrical and Electronic Engineering 2	Venezia
	Social Science Keynote Speech Keynote Speaker: José G. Vargas-Hernández Paper title: <i>Thinking as a Critical Factor of Business Competitiveness</i>	Raffaeollo
	Biotechnology Engineering 1	Michaelangelo
	Computer and Information Sciences 2	Davinci
12:15-13:30	Lunch Time	
13:30-15:00	Psychology 1	Roma
	Business 2	Venezia
	Management 3	Raffaeollo
	Biomedical Engineering	Michaelangelo
	Civil Engineering 2	Davinci
15:00-15:15	Tea Break & Networking	

15:15-16:45	Politics	Roma
	Communication 1	Venezia
	Fundamental and Applied Sciences 1	Raffaeollo
	Mechanical Engineering 1	Michaelangelo
	Computer and Information Sciences 3	Davinci
16:45-17:00	Tea Break & Networking	
17:00-18:00	Marketing 2	Roma
	Education 3	Venezia
	KETRI Special Session: Business	Raffaeollo
	System and Naval Mechatronic Engineering	Michaelangelo
	Computer and Information Sciences 4	Davinci

Tuesday, July 21, 2015
Poster Sessions
B1, Renaissance Sapporo Hotel

Time	Information
09:30-10:30	Poster Session (2) Psychology / Economics / Finance & Accounting / Marketing / Culture / Sociology / Education 1 / Management 2/ Communication 2
11:00-12:00	Poster Session (3) Electrical and Electronic Engineering 1 / Biotechnology Engineering
13:30-14:30	Poster Session (4) Biomedical Engineering 1 / Chemical Engineering 1 / Geosciences and Petroleum Engineering
15:00-16:00	Poster Session (5) Computer and Information Sciences 1 / Life Science 2 / Fundamental and Applied Sciences / System and Naval Mechatronic Engineering
16:30-17:30	Poster Session (6) Environmental Sciences / Material Science and Engineering

Wednesday, 22 2015
Oral Sessions

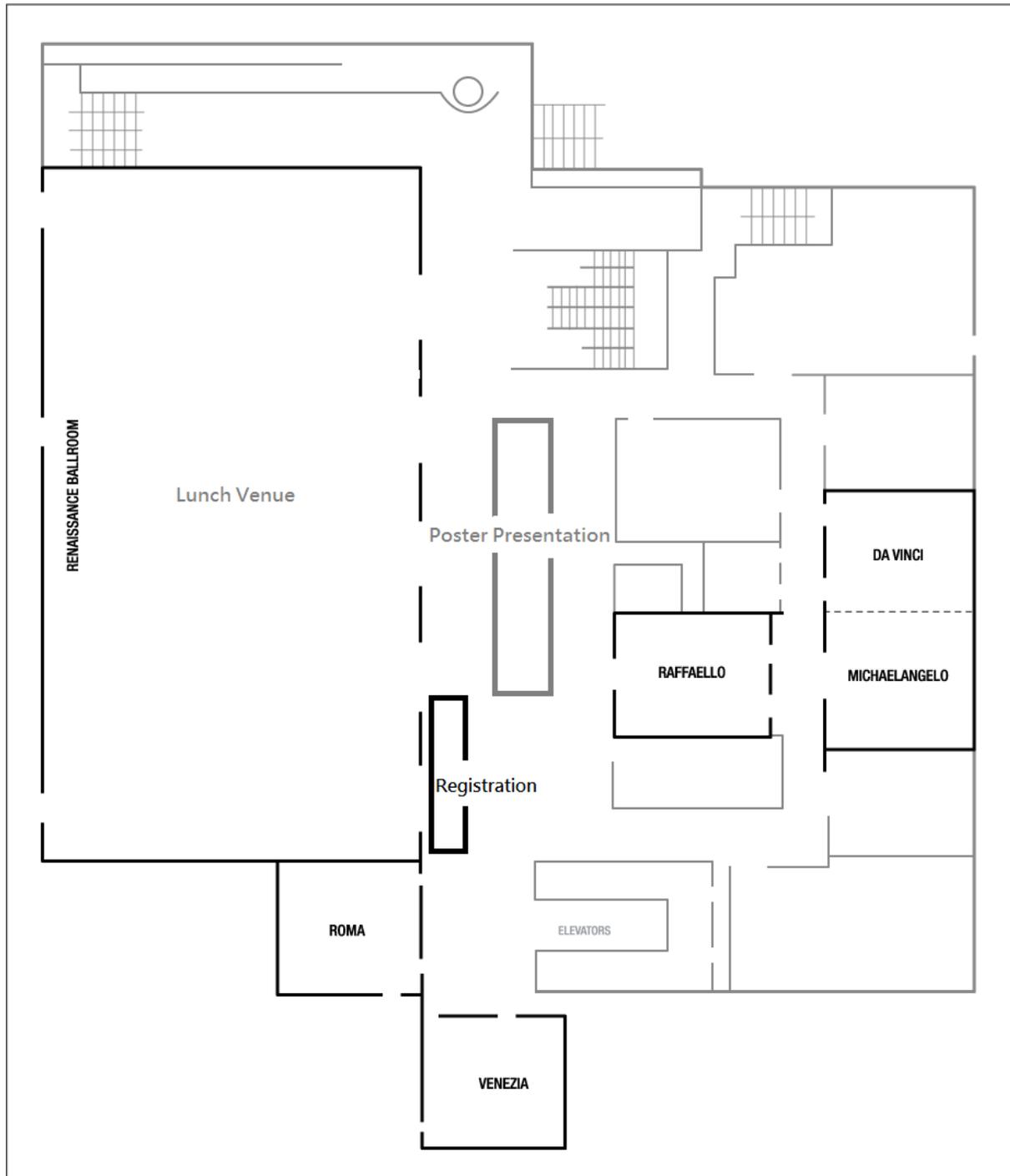
Time	Information	Venue
08:30-18:00	Registration	
09:00-10:30	Management 4	Roma
	Education 4	Venezia
	Finance & Accounting 3	Raffaeollo
	Mechanical Engineering 2	Michaelangelo
	Civil Engineering 3	Davinci
10:30-10:45	Tea Break & Networking	
10:45-12:15	Psychology 2	Roma
	Business 3/ Communication 2	Venezia
	Material Science and Engineering 1	Raffaeollo
	Fundamental and Applied Sciences 2	Michaelangelo
	Environmental Sciences 2	Davinci
12:15-13:30	Lunch Time	
13:30-15:00	Economics 2	Roma
	Sociology / Law 1	Venezia
	Material Science and Engineering 2	Raffaeollo
	Mechanical Engineering 3	Michaelangelo
	Civil Engineering 4	Davinci
15:00-15:15	Tea Break & Networking	
15:15-16:45	MIS-Management Information System 2 / Management 5	Roma
	Education 5	Venezia
	Life Science 2	Raffaeollo

15:15-16:45	Biotechnology Engineering 2	Michaelangelo
	Computer and Information Sciences 5	Davinci
16:45-17:00	Tea Break & Networking	
17:00-18:00	Finance	Roma
	Law 2	Venezia
	Computer and Information Sciences 6	Davinci

Wednesday , July 22, 2015
Poster Sessions
B1, Renaissance Sapporo Hotel

Time	Information
09:30-10:30	Poster Session (7) Management 3 / Biomedical Engineering 2 / Computer and Information Sciences 2 / Life Science 3
11:00-12:00	Poster Session (8) Education 2 / Business 1 / MIS-Management Information System / Civil Engineering / Electrical and Electronic Engineering 2
13:30-14:30	Poster Session (9) Life Science 4 / Mechanical Engineering 1 / Education 3
15:00-16:00	Poster Session (10) Chemical Engineering 2 / Mechanical Engineering 2 / Business 2 / Management 4

Renaissance Sapporo Hotel Floor Plan [B1]



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.



Sandals or Slippers



Tank Top



Shorts

Conference Organizer



Higher Education Forum (HEF)

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*** Poster Sessions & Poster Requirements**

Materials Provided by the Conference Organizer:

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



Materials Prepared by the Presenters:

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

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

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Jongho Kim	<i>Hoseo University</i>
Lina Budianto	<i>Tarumanagara University</i>
Yong Won Seo	<i>Chung-Ang Business School</i>

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 Vizcaya 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.

He has participated in more than 200 international academic events and in more than 500 national events. Published four books and more than 200 papers in international journals and reviews (some translated to English, French, German, Portuguese, Farsi, Chinese, etc.) and more than 300 essays in national journals and reviews. Obtained Award III BMAC Luca Pacioli, Istanbul, 2013. Achievement Certificate. 2012. United States. International Business Student Collaboration Project. University of North Carolina, AGBA Distinguished Scholar. 2011. China. Academy for Global Business Advancement. An Award conferred at 8th World Congress held at Dongbei University of Finance and economics (Dalian, China). 2010-2011 Emerald/EMRBI Business Research Award for Emerging Researchers Highly Commended. 2011. Grecia. Euromed Research Business Institute – Emerald del Best paper Award 2010 de Academic Business World International Conference 2010. En 2009 obtuvo el reconocimiento Best Paper Award de Global Strategic Management, Inc., Washington, D.C. En 2007 el reconocimiento de la Academia de Ciencias Administrativas por el mejor trabajo de investigación en Administración Estratégica. En 2004 el Premio Internacional de Global Business and Economic Development, y en 2002 el premio Allies Academies nominado por la International Business Academy. Other awards: Sommer al mérito académico, British Council Award, Ford Foundation Award, Pacific States University Award.

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*

ISBSS-4686

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 Bulding Technology*

Younju Jeong | *Korea Institute of Civil Engineering and Bulding Technology*

Youngjun You | *Korea Institute of Civil Engineering and Bulding Technology*

Minsu Park | *Korea Institute of Civil Engineering and Bulding Technology*

Computer and Information Sciences 1

Davinci

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

Session Chair: *Prof. Mong-Fong Horng*

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*

MIS-Management Information System 1

Roma

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

Session Chair: *Prof. Mike K. P. So*

BREFM-22406

Obtaining Honest Responses to Examine Information Security Deviant Behavior by Randomized Response Technique

Mike K. P. So | *Hong Kong University of Science and Technology*

BREFM-22819

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*

BREFM-22388

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*

BREFM-22847

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*

BREFM-22336

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

Can Bankruptcy Laws Mitigate Business Cycles? Evidence from Creditor Rights, Debt Financing, and Investment

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*

ICEAS-3535

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*

Oral Sessions – July 21

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 | *Kasatsart University*

Valaiporn Attanandana | *Kasatsart 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*

ISBSS-4421

Determinants of Official Promotion--The Evidence from Chinese Cities

Chin-Hwa Lu | *China University of Technology*

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 Puangyane*

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 Puangyane | *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*

Chemical Engineering

Roma

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

Session Chair: *Prof. Prakorn Kittipoomwong*

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-Suppamassadu | *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*

Business 2

Venezia

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

Session Chair: ***Prof. Kang-Ning Xia***

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 Nakrungrueng | *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 Nakrungrueng | *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*

Civil Engineering 2

Davinci

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

Session Chair: *Prof. Shigeo Honma*

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 Demirkılınç | *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*

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 | *Chandrasakem 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*

Fundamental and Applied Sciences 1

Raffaeollo

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

Session Chair: *Prof. Jaw-Fang Lee*

ICEAS-3588

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*

ICEAS-3633

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*

Kazuhito 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 Chukunebikpe | *Landmark University*

Dare Ademola A | *University of Ibadan*

Burluka Alexey | *University of Leeds*

Computer and Information Sciences 3

Davinci

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

Session Chair: *Prof. Chi-Chang Chen*

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***

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*

Education 3

Venezia

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

Session Chair: *Prof. Victor P. Lau*

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 Nouredine | *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

Sunghye 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*

Sunghye Lee | *Korea e-Trade Research Institute*

Yong Won Seo | *Chung-Ang Business School*

Duck Hee Lee | *Chung-Ang Business School*

ISBSS-4668

**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*

Computer and Information Sciences 4

Davinci

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

Session Chair: ***Prof. Pongchanun Luangpaiboon***

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*

ISBSS-4461

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*

Joeeun 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

Flow in a Sash-Less Fume Hood Tested by a Methodology Combined ASHRAE-110 and EN-14175-3:2003

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 Gerengi | *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*

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-II 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 Cities?

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***

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*

Fundamental and Applied Sciences 2

Michaelangelo

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

Session Chair: ***Prof. Angsumalin Senjuntichai***

ICEAS-3745

Experimental Study on Daylighting and Visual Glare in an Educational Building: A Case Study of Lai Sue Thai Building, Ramkhamhaeng University

Lerdlekha 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

Jafrinur | *Andals University*

Kasrad | *Andals University*

Riza Andesca Putra | *Andalas 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*

Sakchai 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 | *Natioanl Taipei University of Technology*

Tsung-Han Yang | *Natioanl 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 Hybird 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*

ISBSS-4538

The Effectiveness 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*

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*

ISBSS-4572

The Industrial School of the Nineteenth-Century America

Kiho Song | *Hannam University*

Heesu Kim | *Hannam University*

ISBSS-4586

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

Yuan-Sung Wang | *National University of Tainan*

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*

Biotechnology Engineering 2

Michaelangelo

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

Session Chair: ***Prof. Yaw-Ling Lin***

IBCELC-1108

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*

IBCELC-1140

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*

IBCELC-1150

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*

ICEAS-3473

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*

Computer and Information Sciences 5

Davinci

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

Session Chair: *Prof. Suchada Ratanakongnate*

ICEAS-3696

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*

ICEAS-3761

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*

ICEAS-3769

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*

ICEAS-3839

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*

ICEAS-3893

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*

Computer and Information Sciences 6

Davinci

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

Session Chair: ***Prof. Lina Budianto***

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*

BREFM-22298

Enhancing Learning Depth ~ The improvement Project for Students under the Teaching Cost Subsidy Program to Achieve IPP from IPE through “Situating 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*

BREFM-22552

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*

BREFM-22390

Optimal Management of the Machine Repair Problem with Working Vacation: Particle Swarm Optimization

Cheng-Dar Liou | *National Formosa University*

BREFM-22403

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*

BREFM-22807

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

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

JiYeon 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 MoS₂ 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*

IBCELC-1007

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*

IBCELC-1008

Preparation of PLA-Chitosan Coreshell Nanoparticles by Electro spraying to Target Brain Tumor

Yi-Hao Lin | *National Taiwan University of Science and Technology*

Ming-Hua Ho | *National Taiwan University of Science and Technology*

IBCELC-1051

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*

IBCELC-1056

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*

IBCELC-1058

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 Chiou | *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

Diphlorethohydroxycarmalol 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*

IBCELC-1161

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*

IBCELC-1065

Overview of Chemical Components of Biomass for Prosperous Biorefinery

Harifara Rabemanolontsoa | *Kyoto University*

Shiro Saka | *Kyoto University*

IBCELC-1062

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*

IBCELC-1041

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*

IBCELC-1090

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*

ICEAS-3452

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*

ICEAS-3549

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*

IBCELC-1016

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 Kanloun | *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 Thumdee | *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 Coconut 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- κ B 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.

SudteerakSaipuemchit | *King Mongkut's Institute of Technology Ladkrabang*

ChamroonLaosinwattana | *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 siripraphakachonkit | *King Mongkut's Institute of Technology Ladkrabang*

Dusanee 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

Haerin 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, Dae-gu, 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 Liao | *Hungkuang University*

Shou-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*

IBCELC-1030

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*

IBCELC-1005

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*

IBCELC-1009

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*

IBCELC-1028

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 P21 and 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 Kwon | *Gyeongsang National University*

SeongHyeok Lee | *Korea Railroad Research Institute(KRRI)*

Jaeyoung Cho | *Infra & Offshore Reseach 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**

Takeshi 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 Micrnas 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*

Hiu 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

Jiang-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*

Po-Yuan Jeng | *CEU Cardenal Herrera University, Valencia*

Ru-Hsiu Cheng | *National Taiwan University Hospital and National Taiwan University Medical College*

Jiang-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*

Youjin 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*

