

August 27, 2019 @ Hotel Sunroute Plaza Shinjuku

## Tuesday at a Glance

- 08:30-09:00**      **Gathering for Socializing Event (Optional Extra)**  
Lobby @ Hotel Sunroute Plaza Shinjuku
- 09:00-18:00**      **Socializing Event (Optional Extra)**
- 10:00-12:00**      **Conference Welcome Reception | 1<sup>st</sup> Floor Foyer Area**

August 28, 2019 @ Hotel Sunroute Plaza Shinjuku

## Wednesday at a Glance

- 08:30-16:00**      **Registration | 1<sup>st</sup> Floor Foyer Area**
- 09:00-10:30**      **Parallel Session I**
- 10:30-10:45**      **Tea Break & Networking**
- 10:45-12:15**      **Keynote Presentations**  
**Nanomaterials for Energy Storage Devices**  
Kwun Nam Hui, University of Macau  
**Higher Education in a Transdisciplinary World – Hong Kong Case**  
Joseph Lau, The Hong Kong Polytechnic University
- 12:15-13:15**      **Lunch Break**
- 13:15-14:45**      **Parallel Session II**
- 14:30-15:30**      **Poster Session I**
- 14:45-15:00**      **Tea Break & Networking**
- 15:00-16:30**      **Parallel Session III**

August 29, 2019 @ Hotel Sunroute Plaza Shinjuku

## Thursday at a Glance

**08:30-12:00**      **Registration | 1<sup>st</sup> Floor Foyer Area**

**09:00-10:30**      **Parallel Session I**

**09:30-10:30**      **Poster Session II**

**10:30-10:45**      **Tea Break & Networking**

**10:45-12:15**      **Parallel Session II**

**11:00-12:00**      **Poster Session III**

**12:15-13:15**      **Lunch Break**

# General Information

## Registration

You will be able to pick up your registration pack and name card at the Conference Registration Desk. The Conference Registration Desk will be situated on the **1st floor** at **Hotel Sunroute Plaza Shinjuku** during the following time:

**10:00-12:00, Tuesday, August 27, 2019**

**08:30-16:00, Wednesday, August 28, 2019**

**08:30-12:00, Thursday, August 29, 2019**

## Name Badges

When you check in, you will receive a registration pack, which includes your name badges. Wearing your badge is required for entrance to the sessions. You must wear your badge at all times during the conference.

## Refreshment Breaks

Complimentary coffee, tea, water and light snacks will be available during the scheduled coffee breaks.

## What to Wear & Bring

Attendees generally wear business casual attire. You may wish to bring a light jacket as meeting rooms are air-conditioned and sometimes cool.

# Presentation Guide

## Oral Presentations

The time for the Oral Presentation (90 min/ Session)

Number of Presentation	Presentation Time
3	15-25 min. each (+5 min. Q&A)
4	15-18 min. each (+4 min. Q&A)
5	15 min. each (+3 min. Q&A)
6	12 min. each (+3 min. Q&A)
7	11 min. each (+2 min. Q&A)

Presenters are reminded that the time slots should be divided fairly and equally by the number of presentations, and that they should not overrun. The session chair is asked to assume this timekeeping role and to summarize key issues in each topic.

## Poster Presentations

The time for the Poster Presentation (50-60 min/Session)

Please stay in the session to the end of it. All poster presenters must bring your poster materials with you in your session time. You can post your poster 10 minutes before your session starts. **Materials Prepared by the**

**Presenters:**

1. **Home-made Poster(s)**
2. **Material: not limited, can be posted on the canvases**
3. **Recommended Poster Size: 60cm \* 120 - 140cm**

## **Presentation Certificates**

Presenters will receive a certificate of presentation from their Session Chair or a member of staff at the end of their session.

## **Equipment**

### **Oral Presentation:**

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 of your presentation in case one fails, and suggest sending yourself the presentation by email as a third and final precaution.

### **Poster Presentation:**

Materials Provided by the Conference Organizer:

1. X-frame display & Base Fabric Canvases (60cm×160cm)
2. Adhesive Tapes, clamps, or clips
3. Our staff on-site will assist you to put up on the poster board with the clips we provide



### **A Polite Request to All Participants**

Participants are request to arrive in a timely fashion for all addresses and refrain from talking amongst themselves and ensure that mobile phones are switched off or set to silent mode during presentations.

# Room Schedule

Wednesday, August 28

	Beni	Kaze	Mai
09:00~10:30	Environmental Engineering, Power & Energy Engineering, Civil Engineering	Business & Management I	Education I
10:30~10:45	Tea Break & Networking		
10:45~12:15	Keynote Presentation	-	-
12:15~13:15	Lunch		
13:15~14:45	Business & Management II	Fundamental and Applied Sciences	-
14:45~15:00	Tea Break & Networking		<b>Poster Session I</b> Business & Management, Psychology, Education
15:00~16:30	Life Sciences, Mechanical Engineering	Psychology	

# Room Schedule

Thursday, August 29

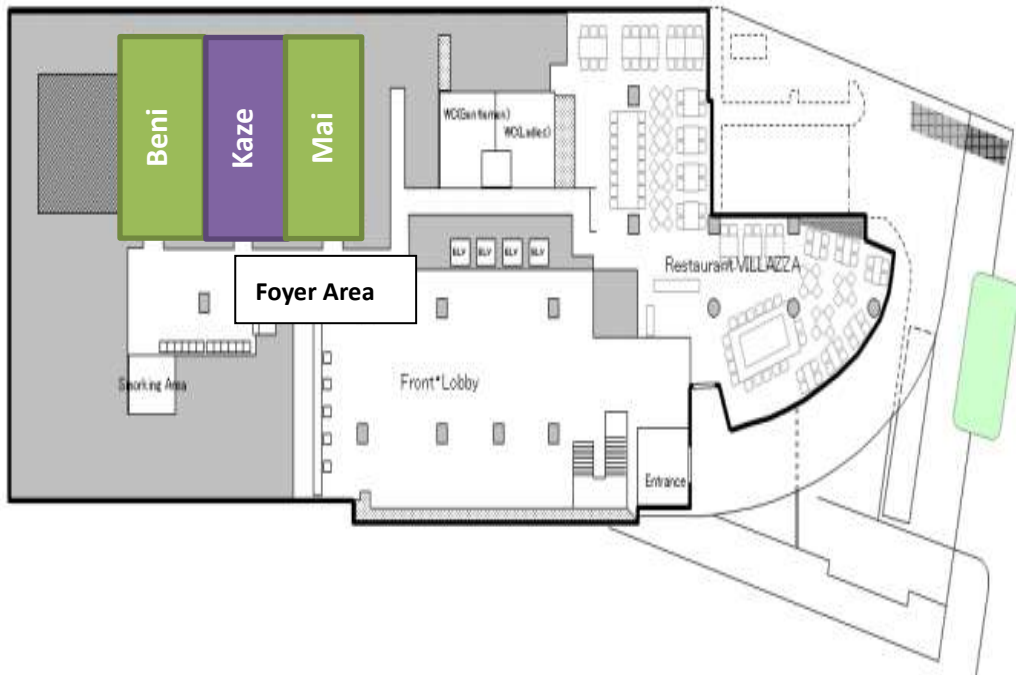
	Beni	Kaze	Mai
09:00~10:30	Business & Management III	Education II	<b>Poster Session II</b> Civil Engineering, Life Science, Biological Engineering, Chemical Engineering, Computer Engineering and Technology
10:30~10:45	Tea Break & Networking		
10:45~12:15	Business & Management IV	Law, Economics, Finance	<b>Poster Session III</b> Material Science & Engineering, Electrical & Electronic Engineering, Information Engineering & Technology, Fundamental & Applied Sciences, Mechanical Engineering
12:15~13:15	Lunch		



# Floor Guide

Hotel Sunroute Plaza Shinjuku

First Floor | 1F



**Registration:** Foyer Area

**Oral Session:** Kazi, Beni, Mai

**Poster Session:** Mai

**Lunch:** Kazi, Beni, Mai

**Tea Break & Networking:** Foyer Area

# Directions & Access

## By Train

Train to **JR Shinjuku Station** or **Toei Oedo Line Shijuku Station** or **Keio Line Shinjuku Station**

### South Gate

1. 3 min walk.
2. Please exit South Exit and take right.
3. Keep walking until you find the first intersection (Nishi Shinjuku Itchome) and turn left.
4. Walk on straight, pass McDonald's and keep on walking for about 50m.
5. Finally you will see our hotel on the right side.

### A1 Exit

1. 1 min walk.
2. After going out of the exit, our hotel is just on the right.

### A4 Exit

1. Lumine Exit | 3min walk.
2. Take left after going out of the exit, you will see Nishi Shinjuku Itchome intersection.
3. Please go round the corner of Yoshinoya to the left.
4. After walking for about 50m, you will find our hotel on the right.

### Koshu-kaido Gate

1. 3min walk.
2. Please take left at the exit.
3. Walk under the pedestrian bridge and keep straight on.
4. Turn left at the first intersection, pass McDonald's, and keep on walking for about 50m.
5. Finally you will see our hotel on the right side of the street.

### **From Haneda Airport (about 50-60 mins)**

**a)** Haneda Airport Station → (Tokyo Monorail) → Tennozu Isle Station → (Direct operation of Rinkai Line with JR Saikyo Line) → Shinjuku Station → (On foot) → Hotel Sunroute Plaza Shinjuku

**b)** Haneda Airport Station → (Keikyu Line) → Shinagawa Station → (JR Yamanote Line) → Shinjuku Station → (On foot) → Hotel Sunroute Plaza Shinjuku

### **From Narita International Airport (about 80 mins)**

Narita International Airport → (Narita Express) → Shinjuku Station → (On foot) → Hotel Sunroute Plaza Shinjuku

### **By Bus**

International travelers can easily arrive at one of two Tokyo airports near Hotel Sunroute Plaza Shinjuku, the Narita International Airport and the Tokyo International Airport (Haneda), via shuttle bus services.

**a)** Haneda Airport (60min)

**b)** Narita International Airport (120min)

### **By Taxi**

From Haneda Airport (about 60 mins / about 10,000 JPY)

From Narita Airport (about 120 mins / about 30,000 JPY)

## Keynote Presentation: Kwun Nam Hui

# Nanomaterials for Energy Storage Devices

Wednesday, August 28 | 10:45-12:15 | Beni

With the rapid development of electronic technology, wearable and flexible devices such as roll-up displays, biomedical sensors, and wearable devices, have drawn considerable attention. Developing high energy density flexible supercapacitors hold the promise to provide a safe, fast charge/discharge rate, and long-life flexible energy storage devices. However, the intrinsically poor electrical conductivity and an insufficient number of electrochemically active sites of transition-metal oxides hamper their wide application in energy storage devices. Accordingly, hybridizing pseudocapacitive metal oxide materials with carbon-based materials such as CNT and graphene has become an appealing strategy in increasing the specific capacitance and energy density of film electrodes for flexible supercapacitors. In this talk, the speaker will present his recent work in the development and application of nanomaterials for flexible supercapacitors. Several strategies, including the morphology control, core/shell architecture, and defect engineering, will be discussed to improve the electron transports, electrolyte ions diffusion kinetics, and electrical conductivity of electrodes. In particular, the heteroatoms doping approach is demonstrated to lower the diffusion barrier of electrolyte ions in intercalated supercapacitors. Experimental analyses and theoretical calculations reveal that the electronic structure of metal oxides can be efficiently modulated by incorporating heteroatoms and oxygen vacancies, thereby simultaneously reducing the energy band gap and increasing electrical conductivity.



Dr. Kwun Nam HUI is currently an Associate Professor at the Institute of Applied Physics and Materials Engineering, University of Macau, Macau SAR, China. Before this, he was Associate Professor at Pusan National University, Republic of Korea. His current research focuses on the 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. He has published more than 150 journal articles with a citation of over 3400 times and an h-index of 37.

## Keynote Presentation: Joseph Lau

### Education in a Transdisciplinary World:

### Hong Kong Case

Wednesday, August 28 | 10:45-12:15 | Beni

Hong Kong higher education stemmed from the late 19th century. Hong Kong has undergone different waves of educational reform in response to the transition of political sovereignty, the alignment with international higher education development, the knowledge economy, societal developments, accountability and globalization. Prior 1st July 1997, Hong Kong was under a colony of the British Empire. To this end, the higher education system was then completely based on the English model. Thanks to globalization, Hong Kong higher education institutions introduced neo-liberal market model. Through marketization and privatization concept, Hong Kong higher education institutions fundamentally changed education policy and governance in higher education sector. Consequently, regional education hub, self-financing tertiary education and quality assurance system arise in a transdisciplinary world. The study provides important insights to educators to explore the ways in developing effective adaptation plans and practice for higher education institutions and other sectors. Academic and managerial implications of the study are also given.



Mr. Lau Yui Yip, Joseph graduated from The Hong Kong Polytechnic University (PolyU) and received a BSc (Hons) in International Shipping and Transport Logistics in 2007. He was placed on the Dean List because of his outstanding academic performance during his bachelor degree studies. He received his Master of Science in International Shipping and Transport Logistics from PolyU in 2009.

Until now, Mr Lau has published more than 130 research papers in international journals and professional magazines, and contributed book, book chapters and presented numerous papers in international conferences. He has collaborated with scholars from more than 20 countries and regions spreading over five continents on research projects. He has also secured over HK\$ 5.7 million research grants. Recently, he has been awarded a Certificate of Appreciation by the Institute of Seatrtransport in recognition of his outstanding performance on research,

the Best Paper Award in international leading conferences and Dean Award for Outstanding Research-Scholarly Performance by College of Professional and Continuing Education, The Hong Kong Polytechnic University. In addition, he has participated in different consultancy projects with various (inter-)governmental organisations, academic institutions and industrial associations, e.g. Trade and Industry Department, China Communications & Transport Association (CCTA), The Chartered Institute of Logistics and Transport (CILT), the Institute of Seatriansport, Hong Kong Sea Transport and Logistics Association (HKSTLA), and PolyU. In addition, he has been appointed as Associate, University of Manitoba, Transport Institute, Winnipeg, Manitoba, Canada; Visiting Scholar at East China Normal University; Researcher at Constanta Maritime University. His research interests are Transport History, Maritime Transport, Air Transport, Port Planning, Supply Chain Management, Green Transport, Maritime Law, Public Transport, Maritime Education and Human Geography.

**Wednesday, August 28**

**Parallel Sessions & Poster Sessions**

**09:00-10:30 | Beni**

## **Wednesday Session I**

**Environmental Engineering, Power & Energy Engineering, Civil Engineering**

**Session Chair: Prof. Ovi Eka Putra**

**GEASC-0039**

*Strategic Approach for Joint Optimal Placement and Sizing of Wind-Based DG and Capacitor Bank for Sustainable Electrical Power Distribution*

Ovi Eka Putra, Chulalongkorn University, Thailand

Sotdhipong Pichaisawatb, Chulalongkorn University, Thailand

**GEASC-0035**

*Study on the Thermal Hazards of Nitrocellulose Induced by Auto-catalytical Decomposition*

Shin-Tzu Lin, National United University, Taiwan

Yih-Shing Duh, Fujian University of Technology, China

Yu-Ling Chen, National United University, Taiwan

Chen-Shan Kao, National United University, Taiwan

**GEASC-0047**

*Tsinghua University Property Center Maintenance Informationization and Big Data Framework Construction*

Chung yi, Tsinghua University, China

Jiang yong, Tsinghua University, China



09:00-10:30 | Kaze

## Wednesday Session I

### Business & Management I

**Session Chair: Prof. Rahmawati**

APCMB-0016

*Potential Brood for Business Activities Cashew Seedings (Case Study in Wonogiri District)*

Eko Murniyanto, Universitas Trunojoyo Madura, Indonesia

Endang Siti Rahayub, Universitas Sebelas Maret Surakarta, Indonesia

Rahmawati, Universitas Sebelas Maret Surakarta, Indonesia

Bambang Pujiasmanto, Universitas Sebelas Maret Surakarta, Indonesia

APCMB-0061

*Value Added (Value Change) Cashew (Anacardium Occidentale L.) in Wonogiri District, Central Java*

Rahmawatia, Universitas Sebelas Maret Surakarta, Indonesia

Endang Siti Rahayub, Universitas Sebelas Maret Surakarta, Indonesia

Eka Murniyantoc, Universitas Trunojoyo Madura, Indonesia

Ign. Novie Endi Nugrohod, Universitas Sebelas Maret Surakarta, Indonesia

APCMB-0071

*Exploring the Influencing Factors toward the Use Online Food Delivery Platform*

You-Zhen Liua, National Taiwan Normal University, Taiwan

Chin-Yi Fang, National Taiwan Normal University, Taiwan

APCMB-0070

*Modeling Wine Enthusiast Data: Wine Score Prediction and Visualization  
through Machine Learning*

Coco Yinga, National Taiwan Normal University, Taiwan

Chin-Yi Fang, National Taiwan Normal University, Taiwan

09:00-10:30 | Mai

## Wednesday Session I

Education I

**Session Chair: Prof. Marilyn L Baysa**

ISEPSS-0262

*Experiential learning via patient journey and nursing students' preparedness before their first clinical placement in Hong Kong*

Cheung H. W. Annemariea, Caritas Medical Centre, Hong Kong

Leung S. M.b Caritas Medical Centre, Hong Kong

ISEPSS-0230

*Thai Language Learning and Teaching of the Vietnamese Students in Cross-cultural Communication Contexts*

Le Tran Mac Khaia, Srinakharinwirot University, Thailand

Supak Mahavarakornb, Srinakharinwirot University, Thailand

ISEPSS-0252

*National Jail Management and Penology Training Institute (NJMPTI): Status and Prospects*

Marilyn L Baysa, Philippine Public Safety College, Philippines

Joy G De Loyola, National Jail Management and Penology Training Institute, Philippines

**13:15-14:45 | Beni**

## **Wednesday Session II**

**Business & Management II**

**Session Chair: Prof. Fitri Susilowati**

**APCMB-0055**

*Islamic Sustainability Indicators in Creative Companies in Kudus City with the Gusjigang (Nice, Teaching and Trading) Approach*

Rahmawati, Universitas Sebelas Maret Surakarta, Indonesia

Dwi Soegiartoc, Universitas Sebelas Maret Surakarta, Indonesia

Djuminahb, Universitas Sebelas Maret Surakarta, Indonesia

**APCMB-0014**

*Natural Color Batik Crafts Development with Cow Powder in Bantul Yogyakarta*

Rahmawati Rahmawati, Universitas Sebelas Maret Surakarta, Indonesia

Soenarto Soenartob, Universitas Negeri Yogyakarta, Indonesia

Fitri Susilowati, Universitas PGRI Yogyakarta, Indonesia

Sarah Rum Handayanid, Universitas Sebelas Maret Surakarta, Indonesia

Ardi Gunardie, Universitas Pasundan, Indonesia

**ISEPSS-0069**

*Curvilinear Relationship Between Presenteeism and Innovative Behavior: Moderating Role of Supervisory Support*

Hsueh-Liang Fan, Soochow University, Taiwan

**APCMB-0005**

*Determining the Industrial Transformation Strategies for the Med-tech Industry Based on the IAA-NRM Approach*

I-Ching Fang, National Cheng Kung University, Taiwan

Fong-Chin Su, National Cheng Kung University, Taiwan

Peng-ting Chen, National Cheng Kung University, Taiwan

13:15-14:45 | Kaze

## Wednesday Session II

### Fundamental and Applied Sciences

**Session Chair: Prof. Jaturon Kumchompoo**

GEASC-0033

*Airline Unit Load Device Re-Dispatching under Stochastic Demands*

Yu-Yang Chen, National Taiwan Ocean University, Taiwan

Ching-Hui Tang, National Taiwan Ocean University, Taiwan

GEASC-0032

*Airline Unit Load Device Dispatching Considering SKYPOOLING Platform*

Yun-Chia Hsieh, National Taiwan Ocean University, Taiwan

Ching-Hui Tang, National Taiwan Ocean University, Taiwan

GEASC-0077

*Synthesis and Spectroscopic Characterization of Lithium Vanadium Silicate Cathode Material*

Jaturon Kumchompoo, Maejo University, Thailand

Pinit Kidkhunthod, Synchrotron Light Research Institute, Thailand

Phetlada Kunthadee, Maejo University, Thailand

Nattapol Laorodphan, Maejo University, Thailand

Ratchadaporn Puntharodc, Maejo University, Thailand

**15:00-16:30 | Beni**

## **Wednesday Session III**

**Life Sciences & Mechanical Engineering**

**Session Chair: Prof. WijayaMade Dharmesti**

**TLSBE-0025**

*Intestinal Enteroendocrine Cells Endogenously Produce N-Acyl Serotonins*

Made Dharmesti Wijaya, Warmadewa University, Indonesia

Mieke Poland, Wageningen University and Research, The Netherlands

Michiel Balvers, Wageningen University and Research, The Netherlands

Renger Witkamp, Wageningen University and Research, The Netherlands

Jocelijin Meijerink, Wageningen University and Research, The Netherlands

**TLSBE-0026**

*Cultivation and Antimicrobial Screening of Sponge-associated Bacteria from Agelas Sventres and Xestospongia Muta Collected from Different Depths*

Anak Agung Gede Indraningrat

Sebastian Micheller, Warmadewa University, Indonesia

Mandy Runderkamp, Wageningen University & Research, The Netherlands

Ina Sauerland, Wageningen University & Research, The Netherlands

Leontine. E. Becking, Wageningen University & Research, The Netherlands

Hauke Smidt, Wageningen University & Research, The Netherlands

Detmer Sipkema, Wageningen University & Research, The Netherlands

GEASC-0029

*Experimental Study on Emissions of Premixed Methane-oxygen Impinging Flame*

Xiao Jiang, The Hong Kong Polytechnic University, Hong Kong

Shuyuan Liu, The Hong Kong Polytechnic University, Hong Kong

Tat Leung Chan, The Hong Kong Polytechnic University, Hong Kong

Zhu He, National-provincial Joint Engineering Research Center of High Temperature Materials and Lining Technology, China

Yinyin Lu, The Hong Kong Polytechnic University, Hong Kong

Fangzhou Wei, The Hong Kong Polytechnic University, Hong Kong

**15:00-16:30 | Kaze**

## **Wednesday Session III**

**Psychology**

**Session Chair: Prof. Karl Wienerb**

**ISEPSS-0277**

*Intestinal Enteroendocrine Cells Endogenously Produce N-Acyl Serotonins*

Debra Metcalfa, Charles Sturt University, Australia

Karl Wienerb, Charles Sturt University, Australia

**ISEPSS-0208**

*Exploring the Relation between Karma, Qi, Spirituality, and Subjective Well-Being among People in Taiwan*

Inna Reddy Edara, Fu Jen Catholic University, Taiwan

**ISEPSS-0080**

*Emotional Quotient (EQ) Improvement and Stress Reduction by Spiritual Health Care*

Wilairat Leraanaksiri, Suranaree University of Technology, Thailand

Chavaboon Dechsukhum, Suranaree University of Technology, Thailand



14:30-15:30 | Mai

## Wednesday Poster Session I

Business & Management, Psychology, Education

APCMB-0076

*The Mediating Role of Value Co-creation and Continuous Quality Improvement in Supply Chain Collaboration Model on Thai SMEs Performance: A Conceptual Framework*

Wasan Sakulkijkarn, Srinakharinwirot University, Thailand

APCMB-0078

*Determinants of Corporate Social disclosure and Corporate Social Performance*

Chun-Yun Cheng, Soochow University, Taiwan

ISEPSS-0220

*How do Character Strengths Enhance Teachers' Career Well-being? A Longitudinal Mediation Analysis*

Yingying Hu, Beijing Normal University, China

Xiaochen Zhao, Beijing Normal University, China

Yiming Yang, Beijing Normal University, China

Wenjing Wang, Beijing Normal University, China

ISEPSS-0067

*The Effect of Using Music Therapy to Improve the Agitated Behavior of Patients with Bipolar Disorder*

Chuan-Jung Kuo, National Cheng Kung University Hospital, Taiwan

Li-Yu Chen, National Cheng Kung University Hospital, Taiwan

ISEPSS-0020

*A Action Research on the Promotion of Literacy of Life Education of Teacher Students*

Ming-Chang Tsai, National Chiayi University, Taiwan

ISEPSS-0079

*Quality of Lives of the Public Health Students Are Dramatically Improved by Attending the New Elective Course*

Chavaboon Dechsukhum, Suranaree University of Technology, Thailand

Wilairat Leraanansaksiri, Suranaree University of Technology, Thailand

**Thursday, August 29**

**Parallel Sessions & Poster Sessions**

**09:00-10:30 | Beni**

## **Thursday Session I**

### **Business & Management III**

**Session Chair: Prof. Edy Supriyono**

**APCMB-0006**

*How of Effect the Board of Commissioners Characteristics, Corporate Social Disclosure to Firm Value?*

Edy Supriyono, STIE Bank BPD Jateng, Indonesia

Nurmadi Harsa Sumarta, Pasca Sarjana Universitas Sebelas Maret Surakarta, Indonesia

Afda Rizal Armashita, Pasca Sarjana Universitas Sebelas Maret Surakarta, Indonesia

Rahmawati, Fakultas Ekonomi and Bisnis Universitas Sebelas Maret Surakarta, Indonesia

Djoko Suhardjanto, Fakultas Ekonomi and Bisnis Universitas Sebelas Maret Surakarta, Indonesia

**APCMB-0067**

*Edu-Tourism of Weaving as An Alternative Development of Tourism Concept*

Sri Murni, Universitas Sebelas Maret Surakarta, Indonesia

Rahmawati, Universitas Sebelas Maret Surakarta, Indonesia

Sri Wahyu Agustiningsih, Universitas Veteran Bangun Nusantara, Indonesia

**APCMB-0051**

*Industry 4.0 on Success Factors of Precision Machinery*

Wen-Hsiang Lai, Feng Chia University, Taiwan

Chao-Hsuan Chen, Feng Chia University, Taiwan

APCMB-0068

*The Effect of Organizational Forms on Real Earnings Management of  
Taiwan's Nonprofit Hospitals*

Yi Chieh Wen, National Taichung University of Science and Technology, Taiwan

Pingsun Huang, National Cheng Kung University, Taiwan

Hsiu-Chu Shen, National Sun Yat-sen University, Taiwan

Yan Zhang, State University of New York, USA

**09:00-10:30 | Kaze**

# **Thursday Session I**

## **Education II**

**Session Chair: Prof. Dorit Maor**

**ISEPSS-0211**

*System changing approach to introduce mobile technologies in a hospital school*

Dorit Maor, Murdoch University, Australia

**ISEPSS-0226**

*Learning and Teaching Thai Studies to Chinese Students Using Series of Circulating Banknotes Printed*

Shuping Feng, Srinakharinwirot University, Thailand

Nition Pornumpaisakul, Srinakharinwirot University, Thailand

**ISEPSS-0075**

*Open plan learning classroom - a practical approach*

Penny Round, Monash University, Australia

Pearl Subban, Monash University, Australia

09:30-10:30 | Mai

## Thursday Poster Session II

Civil Engineering, Life Sciences, Biological Engineering, Chemical Engineering, Computer Engineering and Technology

GEASC-0042

*Applying Neutral Equilibrium Control Mechanism to Develop New Simple Relief Bridge*

Wen-Pei Sung, National Chin-Yi University of Technology, Taiwan

Ming-Hsiang Shih, National Chi-Nan University, Taiwan

GEASC-0078

*Comparative Analysis on the Areal rainfall Accuracy of Rainfall Data of Mountainous Stream Based on the Analytical Method*

Sung-Kee Yang, Jeju National University, South Korea

Bo-Sung Kang, Jeju National University, South Korea

Myung-Soo Kang, Jeju National University, South Korea

TLSBE-0032

*Guggulsterone inhibits dengue virus replication by upregulating antiviral interferon responses through inducing heme oxygenase-1 expression*

Jin-Ching Lee, Kaohsiung Medical University, Taiwan

Chih-Ku Wei, Kaohsiung Medical University, Taiwan

TLSBE-0029

*Liposomal RCH-1 ameliorate the RCH-1 caused tissue damages and therapeutic efficacy in a colorectal cancer mouse model*

Yu-Ling Lin, Academia sinica, Taiwan

Jung Chang, National Chiao Tung University, Taiwan

**TLSBE-0027**

*Development of Analytical Method for Determination of Oxypurinol in Urine Based On CT Complex p-CLA by Spectrophotometry*

M. Syaiful Arif, Mulawarman University, Indonesia

Ganden Supriyanto, Airlangga University, Indonesia

Tjitjik Srie Tjahjandarie, Airlangga University, Indonesia

Abdunnur Sabranity, Mulawarman University, Indonesia

**GEASC-0048**

*Control of Fusarium Oxysporum by Branched Fatty Acid Salts for Fungal Contamination*

Mai Nagano, The University of Kitakyusyu, Japan

Toshinari Koda, Nissan Chemical corporation, Japan

Hiroshi Morita, The University of Kitakyusyu, Japan

**GEASC-0045**

*Comparison of the Phenothrin Effects against House Dust Mites and Acarid Mites*

Kosuke Matsuoka, The University of Kitakyusyu, Japan

Toshinari Koda Nissan Chemical Corporation, Japan

Hiroshi Morita, The University of Kitakyusyu, Japan

**GEASC-0046**

*Antifungal Effects of 2-dethyl-1-tetradecanoic Acid Potassium against Typical Indoor Molds*

Takafumi Uyama, The University of Kitakyushu, Japan

Toshinari Koda, Nissan Chemical Corporation, Japan

Hiroshi Morita, The University of Kitakyushu, Japan



**GEASC-0058**

*Simple Transformation of Hierarchical Hollow Structures by Reduction of Metal-Organic Frameworks and Their Catalytic Activity in Oxidation of Benzyl Alcohol*

Mohammad Yusuf, Pusan National University, South Korea

Hyeon Han Lim, Pusan National University, South Korea

Kang Hyun Park, Pusan National University, South Korea

**GEASC-0061**

*Effects of Thermal Inertia on Thermal Runaway Behaviors of Pouch Cell Batteries*

Yu-Yu Chang, National United University, Taiwan

Yu-Ling Chen, National United University, Taiwan

Yih-Shing Duh, Fujian University of Technology, China

Chen-Shan Kao, Fujian University of Technology, China

**GEASC-0062**

*Study of the Solvent Effects on the Thermal Decomposition of TAHP by DSC*

Chia-Chi Chen, National United University, Taiwan

Yu-Ling Chen, National United University, Taiwan

Chen-Shan Kao, National United University, Taiwan

Yih-Shing Duh, Fujian University of Technology, China

**GEASC-0049**

*Design and Implementation of Four Pipeline Architecture for PIC16F676 MCU*

Mao-Hsu Yen, National Taiwan Ocean University, Taiwan

Shih-Bin Lu, National Taiwan Ocean University, Taiwan

Min-Zheng Liu, National Taiwan Ocean University, Taiwan

Yin-Cheng Chang, National Applied Research Laboratories, Taiwan

Yih-Hsia Lin, Ming Chuan University, Taiwan

Liang-Yang Lin, Metrology and Inspection, Taiwan

Chia-Hung Su, Electronics Testing Center, Taiwan

**GEASC-0054**

*A High-Speed BCH Encoder Design for SSD Applications*

Jui-Hung Hsieh, National Kaohsiung University of Science and Technology, Taiwan

King-Chu Hung, National Kaohsiung University of Science and Technology, Taiwan

Hong-chi Li, National Kaohsiung University of Science and Technology, Taiwan

**GEASC-0056**

*The Evaluation of Efficiency of the Control System of the Fishing Gear Buoy*

Namsoo Kim, R&D Center, South Korea

Gyungtae Nam, R&D Center, South Korea

Younggeun Lee, R&D Center, South Korea

Jeejoong Hwang, R&D Center, South Korea

**10:45-12:15 | Beni**

## **Thursday Session II**

**Business & Management IV**

**Session Chair: Prof. Muhammad Taufiq Amir**

**APCMB-0059**

*Positive Leadership: A Preliminary Conceptual Clarification*

Muhammad Taufiq Amir, Universitas Bakrie, Indonesia

**APCMB-0079**

*Investigating Characteristics of Online Shopping Platform and Impulsive Purchase: The Moderating Roles of Gender and Shopping Experiences*

Chia-Han Chang, National Sun Yat-sen University, Taiwan

Ming-Chen Chen, National Sun Yat-sen University, Taiwan

Chien-Yuan Sher, National Sun Yat-sen University, Taiwan

Zhao-Hong Cheng, National Kaohsiung University of Science and Technology, Taiwan

**APCMB-0057**

*Investigating the Contagion Effects of Problematic Smartphone Behaviors*

Yu-Kang Lee, National Sun Yat-sen University, Taiwan

Chun-Tuan Chang, National Sun Yat-sen University, Taiwan

You Lin, National Sun Yat-sen University, Taiwan

Chia-Han Chang, National Sun Yat-sen University, Taiwan

Zhao-Hong Cheng, National Kaohsiung University of Science and Technology, Taiwan

**10:45-12:15 | Kaze**

## **Thursday Session II**

**Law, Economics, Finance**

**Session Chair: Prof. Meng-Wen Tsou**

**APCMB-0072**

*Firm Ownership, Export Types and Export Growth Evidence from China*

Chih-Hai Yang, National Central University, Taiwan

Meng-Wen Tsou, National Central University, Taiwan

**ISEPSS-0062**

*Corruption Eradication and Human Rights under International and Administrative Law*

Paramita Ersan, University of Padjadjaran, Indonesia

I Gde Pantja Astawa, University of Padjadjaran, Indonesia

Huala Adolf, University of Padjadjaran, Indonesia

**ISEPSS-0073**

*Why the Simple-List Model of Applying Prescription Drug Fee is Popular in the Taiwan National Health Insurance Practices*

Ming-Chen Chen, National Sun Yat-sen University, Taiwan

Chien-Yuan Sher, National Sun Yat-sen University, Taiwan

**APCMB-0077**

*Top Management Team Heterogeneity and Investment Performance*

Chih-Wei Peng, National Changhua University of Education, Taiwan

**11:00-12:00 | Mai**

## **Thursday Poster Session III**

**Material Sciences and Engineering, Electrical and Electronic Engineering, Information Engineering and Technology, Fundamental and Applied Sciences, Mechanical Engineering**

**GEASC-0028**

*Zinc Oxide Nanorods Array Embedded in Cupric Oxide Thin Film as an Efficient Nitric Oxide Gas Sensor*

Hwansu Yoo, Chungnam National University, South Korea

Hyojin Kim, Chungnam National University, South Korea

**GEASC-0030**

*Electrical Conductivity and Photovoltaic Performance of Impurity Doped Silicon Nanoporous Particles*

Naoya Hasegawa, Tokyo Denki University, Japan

Keisuke Sato, Tokyo Denki University, Japan

Naoki Fukata, National Institute for Materials Science, Japan

**GEASC-0031**

*Real Time Liquified Petroleum Gas Safety and Capacity Monitoring System*

Ming Jun Yu, Shu-Te University, Taiwan

Tsung Chen Wan, Shu-Te University, Taiwan

Ping Ju Huang, Shu-Te University, Taiwan

**GEASC-0053**

*Developing a Localization and Navigation System in a Public Restroom for Visually Impaired People*

Hsiao Ping Lee, Chung Shan Medical University, Taiwan

Tzu-Fang Sheu, Providence University, Taiwan

GEASC-0055

*Design and Fabrication of Low-Cost and High-Performance Hybrid Nanofiltration Membranes for Water Purification*

Jun Cong Ge, Chonbuk National University, South Korea

Min Soo Kim, Chonbuk National University, South Korea

Nag Jung Choi, Chonbuk National University, South Korea

Dong Guk Ko, Chonbuk National University, South Korea

Jung-Hoon Shin, National University, South Korea

GEASC-0059

*Levelness Study of Cotton Fabric with Reactive Dyes of Different Reactive Groups in Non-aqueous System*

C.W. Kan, The Hong Kong Polytechnic University, Hong Kong

Alan Y.L. Tang, The Hong Kong Polytechnic University, Hong Kong

GEASC-0067

*Development of Brighter Fluorescence Silica-coated Multi-Quantum Dot Embedded Silica Nanoparticle*

Jaehyun An, Konkuk University, South Korea

Hyung-Mo Kim, Konkuk University, South Korea

Eunil Hahm, Konkuk University, South Korea

Ahla Jo, Konkuk University, South Korea

Bong-Hyun Jun, Konkuk University, South Korea

GEASC-0068

*Expanding Generality of SERS Analytes using Thin Silica Shell Coated Ag Assembled Nanostructures*

Ah la Jo, Konkuk University, South Korea

Hyung-Mo Kim, Konkuk University, South Korea

Eunil Hahm, Konkuk University, South Korea

Jaehyun An, Konkuk University, South Korea

Bong-Hyun Jun, Konkuk University, South Korea

GEASC-0069

*Development of Tri-function SERS-Magnetic-Fluorescence Probes for Bio-imaging and separation in Cancer cells*

Ah la Jo, Konkuk University, South Korea

Hyung-Mo Kim, Konkuk University, South Korea

Eunil Hahm, Konkuk University, South Korea

Jaehyun An, Konkuk University, South Korea

Bong-Hyun Jun, Konkuk University, South Korea

GEASC-0070

*The Method for the Preparation of Asymmetric Nanoparticles*

Ah la Jo, Konkuk University, South Korea

Hyung-Mo Kim, Konkuk University, South Korea

Eunil Hahm, Konkuk University, South Korea

Jaehyun An, Konkuk University, South Korea

Bong-Hyun Jun, Konkuk University, South Korea

GEASC-0074

*Single-phased white-light-emitting luminescence using color-tunable Dy<sup>3+</sup>/Tb<sup>3+</sup> co-doped LiLa(MoO<sub>4</sub>)<sub>2</sub>:Sm<sup>3+</sup> red-orange phosphors*

Yi-Hua Hung, National Cheng Kung University, Taiwan

Cheng-Liang Huang, National Cheng Kung University, Taiwan

GEASC-0087

*Annealing Effects of Phosphorus-doping on Photovoltaic Performance of Phosphorus-doped Silicon Nanoparticles/ Organic Polymer Solar Cells*

Naoki Ikeda, Tokyo Denki University, Japan

Keisuke Sato, Tokyo Denki University, Japan

**GEASC-0051**

*Study on Thermal Characteristics of the Flange Case according to the Injection Conditions of Molten Metal*

Dong Guk Ko, Chonbuk National University, South Korea

Jun Cong Ge, Chonbuk National University, South Korea

Nag Jung Choi, Chonbuk National University, South Korea

Min Soo Kim, Chonbuk National University, South Korea

**GEASC-0050**

*Study on Boundary Condition Equation at the Surface of Skin Tissue during Thermal Analysis*

Dong Guk Ko, Chonbuk National University, South Korea

Jun Cong Ge, Chonbuk National University, South Korea

Nag Jung Choi, Chonbuk National University, South Korea

Min Soo Kim, Chonbuk National University, South Korea

Byung Suk Lee, Chonbuk National University, South Korea