Conference Program
August 14-16, 2017
Osaka, Japan

ISEAS
International Symposium on Engineering and Applied Science

MIPE
International Conference on Mechanical, Industrial and Power Engineering

ISBENS
International Symposium on Biological Engineering and Natural Sciences

ACMASS
Annual Conference on Management and Social Sciences

ISLLLE
International Symposium on Language, Linguistics, Literature and Education
ISEAS
International Symposium on Engineering and Applied Science

MIPE
International Conference on Mechanical, Industrial and Power Engineering

ISBENS
International Symposium on Biological Engineering and Natural Sciences
ISBN 978-986-89536-7-3

ACMASS
Annual Conference on Management and Social Sciences
ISBN 978-986-89298-3-8

ISLLLE
International Symposium on Language, Linguistics, Literature and Education
ISBN 978-986-89844-7-9
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Valued colleagues and guests,

Welcome to Osaka, Japan!

We are delighted to have you among us for the Annual Conference on Management and Social Sciences, 2017, organized by the Higher Education Forum. That many of you have decided to travel long distances to attend serves to remind us all just how important our work as scholars, researchers, and human resources specialists really is. We are honoured to share this event with you.

Osaka is a bustling, modern city that offers many attractive sights, as well as easy access to the old charm and historical attractions of beautiful Kyoto, and to dynamic Kobe. From stunning Osaka Castle to the never-ending nightlife of Namba and culinary delights of Umeda, Osaka will surely make your visit to Japan an unforgettable experience. Go out there and explore! Osaka and its outgoing, beautiful people are waiting for you.

We sincerely hope that you will enjoy your stay, and that this chance to network, learn, and grow as professionals will be truly unique and productive. We have no doubt that this opportunity will bring together local and international talented professionals, eager to discuss new developments, challenges, and projects that will open new possibilities in our fields of work and research. Together, we have the power to make of this a positive and constructive event, upon which we can continue to build better and more productive environments.

Looking forward to working and learning together in Osaka, Japan!
General Information for Participants

- **Registration**
  The registration desk will be situated on the 10th floor at Osaka International Convention Center during the following time:
  08:30-16:00, Tuesday, August 15, 2017
  09:30-14:00, Wednesday, August 16, 2017

- **Organizer**
  Higher Education Forum (HEF)
  Tel: + 886 2 2740 1498 | www.prohef.org

- **A Polite Request to All Participants**
  Participants are requested to arrive in a timely fashion for all addresses. 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.

- **Certificate**
  **Certificate of Presentation or Certificate of Attendance**
  A certificate of attendance includes participant’s name and affiliation, certifying the participation in the conference. A certificate of presentation indicates a presenter’s name, affiliation and the paper title that is presented in the scheduled session.

  **Certificate Distribution**
  Oral presenters will receive a certificate of presentation from the session chair after their presentations or at the end of the session. Poster presenters will receive a certificate of presentation from the conference staff at the end of their poster session.

  The certificate of presentation will not be issued, either at or after the conference, to authors whose papers are registered but not presented. Instead, the certificate of attendance will be provided after the conference.
Preparation for Oral Presentations

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 you to bring two copies of the file in case that one fails. You may also connect your own laptop to the provided projector; however please ensure you have the requisite connector.

Preparation for Poster Presentation

Materials Provided by the Conference Organizer:
1. X-frame display & base fabric canvases (60cm×160cm)
2. Adhesive tapes or binder clips

Materials Prepared by the Presenters:
3. Home-made poster(s)
4. Material: not limited, can be posted on the canvases
5. Recommended poster size: 60cm×120cm

A 60cm×160cm poster illustrates the research findings.

1. Wider than 60cm (left)
2. Copy of PowerPoint slides in A4 papers (right)
# International Committees

## International Committee of Nature Sciences

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<td>Abdelwahab Elghareeb</td>
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<td>Zhou Xiao</td>
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**Special Thanks to Session Chairs**

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<tr>
<td>Masahiro Arakawa</td>
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Conference Venue Information

Osaka International Convention Center
5-3-51 Nakanoshima, Kita-ku, Osaka City, 530-0005 Japan
TEL: (06)4803-5555 (Main) / FAX: (06)4803-5620

Osaka International Convention Center is located in Nakanoshima in the center of Osaka. This facility can be used for various activities such as different types of conferences, concerts, exhibitions, providing a high-quality service emphasizing bringing people of different nationalities together through various exchanges.

The Osaka International Convention Center Corporation was founded as a joint venture between Osaka Prefecture and the Osaka business community. Inheriting the foundation from the time of the former Osaka International Trade Center, the company was entrusted by Osaka Prefecture with the management of the Osaka International Convention Center.

Transportation

- Car
  From Kansai International Airport
  - Approx. 55 minutes to Osaka Station on the JR Line
  - Approx. 60 minutes to the Osaka Station by airport limousine bus

  15 minutes by Osaka city bus from JR Osaka station. Take No. 53-bound for Funatsubashi, or No. 55-bound for Tsurumachi 4-chome. Get off at Dojima Ohashi bus stop.

  From Osaka International Airport (Itami Airport)
  - Approx. 30 minutes to Osaka Station by airport bus

  15 minutes by Osaka city bus from JR Osaka station. Take No. 53-bound for Funatsubashi, or No. 55-bound for Tsurumachi 4-chome. Get off at Dojima Ohashi bus stop.

  From Shin-Osaka Shinkansen (Bullet Train) Station
  - Transfer to the JR local line at Shin-Osaka Station, and disembark at Osaka Station (approx. 5 minutes)

  15 minutes by Osaka city bus from JR Osaka station. Take No. 53-bound for Funatsubashi, or No. 55-bound for Tsurumachi 4-chome. Get off at Dojima Ohashi bus stop.
Access to Osaka International Convention Center

- **Train**
  - 1 minute by walk from Nakanoshima station (Exit No.2) on the Keihan line.
  - 15 minutes by walk from Fukushima station on the JR loop line.
  - 10 minutes by walk from Shin-Fukushima station on the JR Tozai line (Exit No.3).
  - 10 minutes by walk from Fukushima station on the Hanshin line (Exit No.3).
  - 15 minutes by walk from Awaza Station on the Subway Chuo line (Exit.No.1), or Sennichimae line (exit No.9).

- **Bus**
  - 15 minutes by Osaka city bus from JR Osaka station. Take No.53-bound for Funatsubashi, or No.55-bound for Tsurumachi 4-chome. Get off at Dojima Ohashi bus stop.
  - A shuttle bus runs between the Rihga Royal Hotel and JR Osaka station.
  - 15 minutes by Nakanoshima loop bus from Yodoyabashi station on the Subway Midosuji line, or the Keihan line (Exit No.4). The bus stop in front of Sumitomo building. Get off at Osaka International Convention Center.
Osaka International Convention Center

The 10th Floor Plan

Oral Session: Conference Room 1005~1007
Poster Session: Conference Room 1004
Tea Break & Networking: Conference Room 1004
**Conference Schedule**

### Monday, August 14, 2017

**Internal Meeting**

### Tuesday, August 15, 2017

**Oral Presentation (10 F)**

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>08:30-16:00</td>
<td>Registration</td>
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<tr>
<td>09:00-10:30</td>
<td>Computer &amp; Information Sciences / Electrical &amp; Electronic Engineering / Power &amp; Energy Engineering</td>
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<td></td>
<td>Management (1)</td>
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<td>10:30-11:00</td>
<td>Tea Break &amp; Networking</td>
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<td>11:00-12:00</td>
<td><strong>Nature Sciences Keynote Speech</strong></td>
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<td>Prof. Sergei Gorlatch</td>
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<td>Universitaet Muenster</td>
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<td><em>Topic: High-Level Development of Real-Time Distributed Applications</em></td>
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<td>12:00-13:00</td>
<td><strong>Social Sciences Keynote Speech</strong></td>
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<td>Associate Prof. Adriana E. Edwards Wurzinger</td>
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<td><em>Topic: Riding the Burnout Wave: A Sociological Approach to Understanding and Tackling Burnout.</em></td>
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<td>13:00-14:30</td>
<td>Lunch Time</td>
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<td></td>
<td>Biomedical Engineering / Biological Engineering / Environmental Sciences(1)</td>
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<td>Management (2)</td>
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<td></td>
<td>Strength, Art and Creative Approach to Counseling and Social Work</td>
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## Tuesday, August 15, 2017

### Oral Presentation (10 F)

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<tr>
<td>14:45-16:45</td>
<td>Civil Engineering &amp; Environmental Sciences(2)</td>
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<td>Finance &amp; Law</td>
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<td>Society &amp; Culture &amp; Communication</td>
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### Poster Presentation (Room 1004, 10 F)

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<td>10:00-11:00</td>
<td><strong>Poster Sessions (1)</strong>&lt;br&gt;Computer &amp; Information Sciences / Electrical &amp; Electronic Engineering</td>
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<tr>
<td>14:00-15:00</td>
<td><strong>Poster Sessions (2)</strong>&lt;br&gt;Fundamental &amp; Applied Sciences / Material Science Engineering / Mechanical Engineering and Technology / Civil Engineering / Society / Psychology / Economics / Communication</td>
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<td>15:30-16:30</td>
<td><strong>Poster Sessions (3)</strong>&lt;br&gt;Education / Management</td>
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## Oral Presentation (10 F)

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<td>10:30-12:00</td>
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<td>Economics</td>
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<td>Education (2) &amp; Psychology</td>
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<tr>
<td>12:00-13:00</td>
<td>Lunch Time</td>
<td>Room 1003</td>
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<td>13:00-14:30</td>
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<td>Fundamental &amp; Applied Sciences</td>
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<td>Language, Linguistics &amp; Literature</td>
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## Poster Presentation (Room 1004, 10 F)

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Nature Sciences Keynote Speech

Room 1005, 10th Floor

11:00–12:00, Tuesday, August 15, 2017

Topic: High-Level Development of Real-Time Distributed Applications

Prof. Sergei Gorlatch
Universitaet Muenster
Institut fuer Informatik

Summary of Keynote Speech
We consider an emerging class of challenging networked multimedia applications called Real-Time Online Interactive Applications (ROIA). ROIA are networked applications connecting a potentially very high number of users who interact with the application and with each other in real time, i.e., a response to a user’s action happens virtually immediately. Typical representatives of ROIA are multiplayer online computer games, advanced simulation-based e-learning and serious gaming. All these applications are characterized by high performance and QoS requirements, such as: short response times to user inputs (about 0.1-1.5 s); frequent state updates (up to 100 Hz); large and frequently changing numbers of users in a single application instance (up to tens of thousands simultaneous users). This talk will address two challenging aspects of future Internet-based ROIA applications: a) using Mobile Cloud Computing for allowing high application performance when a ROIA application is accessed from multiple mobile devices, and b) managing dynamic QoS requirements of ROIA applications by employing the emerging technology of Software-Defined Networking (SDN).

Brief Introduction of Prof. Sergei Gorlatch
Sergei Gorlatch has been Full Professor of Computer Science at the University of Muenster (Germany) since 2003. Earlier he was Associate Professor at the Technical University of Berlin, Assistant Professor at the University of Passau, and Humboldt Research Fellow at the Technical University of Munich, all in Germany. Prof. Gorlatch has about 200 peer-reviewed publications
in renowned international books, journals and conferences. He was principal investigator in several international research and development projects in the field of parallel, distributed, Grid and Cloud algorithms, networking and computing, as well as e-Learning, funded by the European Commission and by German national bodies. Among his recent achievements in the area of communications and future Internet is the novel Real-Time Framework (www.real-time-framework.com) developed in his group as a platform for high-level development of real-time, highly interactive applications for entertainment. In the area of networking, his group has been recently working in the pan-European project OFERTIE on an application-oriented Quality of Service approach for emerging Software-Defined Networks (SDN).
Social Sciences Keynote Speech

Room 1007, 10th Floor

11:00–12:00, Tuesday, August 15, 2017

Topic: Riding the Burnout Wave: A Sociological Approach to Understanding and Tackling Burnout.

Associate Professor Adriana E. Edwards Wurzinger
Saitama University,
Center for English Education & Development (CEED)
Japan, Saitama Prefecture

Summary of Keynote Speech
Nobody is completely free from the effects of stress. No news there.

There is nothing wrong with the exhilarating feeling of being challenged, with the adrenaline that a limited amount of stress (the kind you can keep under control) can bring to our professional lives, but how much is enough? Where is the thin line between positive, creativity-fostering stress, and simple, straightforward burnout?

During this presentation, we will uncover and discuss the elements of burnout using sociological principles, aiming at creating a scaffolding of strategies that would allow the participants to put together their very own "survival kit".

Be prepared to participate! This will be the kind of talk where you'll have to walk the walk!

Brief Introduction of Associate Prof. Adriana E. Edwards Wurzinger
A historian, sociologist & social anthropologist, Adriana has been working at Saitama University's CEED since 2006.
As an associate professor, Adriana teaches academic lectures and speaking classes on the History of Secret Societies; Pirates in History & Literature; European History of the Middle Ages; Religion, Popular Culture and the Witch-craze in Medieval and Modern Europe; Sociology of Identity and Human Emotions; Global Culture; and Presentation Skills (Public Speaking), and general Academic English skills classes.

Since 2006, Adriana has coordinated and directed 13 Drama Workshops for Saitama University. Students and teachers alike have shown increasing interest in our theatrical adventures, and the annual workshops have become a popular activity and a trademark of our department. As a coordinator, she wears that badge proudly.

Areas of specialization: Sociology of Identity and Human Emotions, Micro-expressions and Deception Studies, Sociology of Migrations, Social Anthropology of Identity, History of the Witch-Craze in the Late Middle Ages and the Renaissance, Slavery History, Global Migrations History, Conflict Resolution, Public Speaking Training & Drama.

More details on: www.aedwsaidai.kazmatrix.com
Oral Sessions

Computer & Information Sciences / Electrical & Electronic Engineering / Power & Energy Engineering

Tuesday, August 15, 2017 9:00-10:30 Room 1005

Session Chair: Prof. Masahiro Arakawa

ISEAS-0040
Evaluation of the Behavior of Evacuees on Dynamic Floor Condition by Using Multi-Agent Simulation
Keita Sugiura | Nagoya Institute of Technology
Masahiro Arakawa | Nagoya Institute of Technology
Naoto Yokoi | Nagoya Institute of Technology

ISEAS-0023
A Portable Digitally Controlled Oscillator for All-Digital Clock Generator in SoC Applications
Duo Sheng | Fu Jen Catholic University
Chun-Wei Lin | Fu Jen Catholic University

ISEAS-0049
Performance Evaluation of LoRaWAN with Relays for Long-Range IoT
Yawgeng A. Chau | Yuan Ze University

MIPE-0011
Power Generation Saving System of Alumina Nanofluids Using Innovation Dimensional Analysis
Jung-Chang Wang | National Taiwan Ocean University
MIPE-0012
Discussion on Design and Efficiency of Hydrogen Capsules Using Sodium Borohydride
Yean-Der Kuan | National Chin-Yi University of Technology
Hsing-Ju Li | National Chin-Yi University of Technology
Jyun-Long Lyu | National Chin-Yi University of Technology

MIPE-0005
Determining of the CO2 Emission Reduction of Diesel Power Plant for Power System: A New Approach Based on Power Factor Quality
Syarifuddin Nojeng | Universitas Muslim Indonesia Makassar
Ir Syamsir MT | Universitas Muslim Indonesia Makassar
Andi Syarifuddin | Universitas Muslim Indonesia Makassar
Muhammad Nawir | Universitas Muslim Indonesia Makassar
Management (1)

Tuesday, August 15, 2017  9:00-10:30  Room 1006

Session Chair: Prof. Min-Hsin Huang

ACMASS-0017
The Impact of Salesperson’s Ethical Behavior on Consumers’ Identification with a Retailer
Min-Hsin Huang | National Sun Yat-Sen University

ACMASS-0023
The Influences of Belief Disconfirmation and Country-of-Origin Effect on Repurchasing Intention for Online Apparel Brands: Empirical Evidence from Taiwan
Shu-Yun Cheng | Southern University of Science and Technology
Nai-Chang Cheng | Da-Yeh University

ACMASS-0087
A Study of the Impact of Business Strategy on Customers' Tourism Behaviors, Travel Motivation, and Satisfaction —A Case Study of Hotels at Kenting, Taiwan
Jen-Shou Kao | Chang Jung Christian University

ACMASS-0120
Coaching Team effectiveness Effect Social Support, Self-Efficacy and Job Involvement—Logistics Industry Company as an Example
Yuh-Shy Chuang | Chien Hsin University
PingChuan Lee | Chung Yuan Christian University

ACMASS-0129
The Sharing Economy: A Case Study of Airbnb in Thailand
Parisa Rungruang | Mahidol University
Anchalee Buathongchan | Mahidol University
**Education (1)**

**Tuesday, August 15, 2017 9:00-10:30 Room 1007**

Session Chair: *Prof. Vichy Wai Chi HO*

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**ISLLLE-0007**
**CDA on an Education Brochure for Ethnic Minority Students and Parents in Hong Kong**
Emil Li | *Technological and Higher Education Institute of Hong Kong*

**ISLLLE-0011**
**How Tailor-Made Teaching Redefine “IT”? University Practical Language Course in Hong Kong**
Vichy Wai Chi HO | *The University of Hong Kong*

**ISLLLE-0013**
**Teacher Read aloud in EFL Elementary School Classrooms**
Yu-Chih Huang | *Huafan University*

**ISLLLE-0036**
**Learning How to Teach Readers – The Experiential Learning of Student Teachers**
Jackie Fung King Lee | *The Education University of Hong Kong*

**ACMASS-0018**
**Effects of Parental Involvement on Educational Achievement among Taiwanese Junior High School Students from the Perspective of Cultural Capital**
Chih-Lung Hsieh | *National Taitung University*

**ACMASS-0019**
**Effects of Study Books for Note-Taking in Enhancing Student Learning**
Patchara Vanichvasin | *Kasetsart University*
Biomedical Engineering / Biological Engineering / Environmental Sciences (1)

Tuesday, August 15, 2017 13:00-14:30  Room 1005

Session Chair: Prof. Chi-Chun Chen

ISEAS-0020
A Design and Fabrication Method for Bone Defects Repairing Using 3D Printing
Jianping Shi | Southeast University
Tingting Liu | Nanjing Normal University
Kelou Li | Nanjing Normal University
Lan Li | Southeast University
Zongan Li | Nanjing Normal University
Liya Zhu | Nanjing Normal University
Chunmei Feng | Nanjing Normal University
Jiquan Yang | Nanjing Normal University
Xingsong Wang | Southeast University

ISEAS-0078
Proper Material Properties and Dimensions of Sliced Materials Used in Myringoplasty of Humans
Hidayat | Ehime University
Shingo Okamoto | Ehime University
Jae Hoon Lee | Ehime University
Naohito Hato | Ehime University School of Medicine
Hiroyuki Yamada | Ehime University School of Medicine
Daiki Takagi | Ehime University School of Medicine

ISBENS-0006
Predicting Functionally Related Proteins with Regulatory and Sequence Features
Hsuan-Wei Yang | National Cheng Kung University
Darby Tien-Hao Chang | National Cheng Kung University
ISBENS-0007
Photoplethysmography-Based Heart Rate Monitoring in Conscious Rats
Chi-Chun Chen | National Chin-Yi University of Technology
Shan-Ni Chang | National Chiao Tung University
Wen-Ying Chang | Industrial Technology Research Institute

ISEAS-0028
Bisphenol A Adsorption on Waste Carbon Fibers Modified by Urea
Wei-Feng Sun | National Yunlin University of Science and Technology
Han-Yi Teng | National Yunlin University of Science and Technology
Chao-Yin Kuo | National Yunlin University of Science and Technology

ISBENS-0022
The Effect of Salt Shock on Growth and Pigment Accumulation of Dunaliella Salina
Mahsa Yazdani | University of Tehran
Omid Tavakoli | University of Tehran
Management (2)

Tuesday, August 15, 2017 13:00-14:30  Room 1006

Session Chair: Prof. Anna Fatchiya

ACMASS-0062
Frontline Workers’ Passion and Emotional Exhaustion: The Mediating Role of Emotional Labor Strategies
Kuan-Yu Chen | National Pingtung University of Science and Technology
Cheng-Hua Wang | Chang Jung Christian University
Ching-Wen Chang | Chang Jung Christian University

ACMASS-0084
Amoeba Management outside Japan: The Case of a Japanese Corporation Operating in Malaysia
Zubir Azhar | Universiti Sains Malaysia
Anwar Allah Pitchay | Universiti Sains Malaysia
Nurhafiza Abdul Kader Malim | Universiti Sains Malaysia

ACMASS-0091
The Application of TELES in the Enhancement of Disaster Response and Rescue Policy in Tainan Area: A Study Following 0206 Earthquake in Tainan
Yuan-Ming Chiu | Chang Jung Christian University
Yu Chieh Lin | National Taiwan University

ACMASS-0094
Forces that Propel SMEs to Become Born Globals in South Korea
Anura Amarasena | Woosong University

ACMASS-0048
How Negative Behaviors of Leaders are Conceptualized and Measured
Jai-Hyung Lee | Nonghyup University
Strength, Art and Creative Approach to Counseling and Social Work

Tuesday, August 15, 2017 13:00-14:30  Room 1007

Session Chair: Prof. Adam Chi-Chu Chou

ACMASS-0027
The Effects of Psychodrama on High Risk Students in University Freshmen
Lun-Hui Su | TransWorld University

ACMASS-0038
The Effects of Integrating Visual Cards in Creative Counseling Supervision Model
Ching-Feng Wu | Ling Tung University

ACMASS-0040
Exploring the Application of Expressive Arts Therapy to the Warm-Up Phase of Psychodrama
Mei-Hua Chiu | Overseas Chinese University

ACMASS-0046
Finding Strengths out of Problems: A Qualitative Study of the Social Workers Experience in Family Initial Assessment for High-Risk Family
Chien-Hui Hung | Asia University

ACMASS-0049
An Interdisciplinary Approach to Empowering Family Strengths and Well-Being
Adam Chi-Chu Chou | Feng Chia University
Civil Engineering & Environmental Sciences (2)

Tuesday, August 15, 2017 14:45-16:45 Room 1005

Session Chair: Prof. Yeong-Min Kim

ISEAS-0018
Experimental Study on Drag Force and Pitching Moment Stability of Drifting Object
Takaaki Okamoto | Kyoto University
Yoshinobu Kashihara | Kyoto University
Michio Sanjou | Kyoto University

ISEAS-0030
Dissolved Oxygen Transfer toward Embayment Zone in Open-Channel Flow
Michio Sanjou | Kyoto University
Ryosuke Nobuhara | Kyoto University
Kengo Suzuki | Kyoto University
Takaaki Okamoto | Kyoto University

ISEAS-0045
Structural Design Tool for Vertical Structural Members of the 3-Dori Type Korean Traditional Timber House Hanok
Yeong-Min Kim | Myongji University

ISEAS-0054
Earthquake-Resistant Structural Planning for Long-Span Hanok
Min-Soo Kim | Myongji University
Ye-Ji Lee | Myongji University
Yeong-Min Kim | Myongji University

ISEAS-0055
A Comparative Analysis on the Applicability of Seismic Resistant, Vibration Control and Seismic Isolation Techniques to Hanok
Sung-Bin Yang | Myongji University
Jung-Ah Hong | Myongji University
Yeong-Min Kim | Myongji University
ISEAS-0080
VE Task Improvement Plan Based on the BIM Technology
Hyun Bin Kim | University of Seoul
Yeong-Jin Kim | University of Seoul
HyunJong Lee | PMPGM Inc.
SangWon Han | University of Seoul
ChangTaek Hyun | University of Seoul

ISEAS-0017
Capacity Evaluation for Water Resources of Urban and Rural Water Supply System
Preeyaphorn Kosa | Suranaree University of Technology
Thanutch Sukwimolseree | Kasetsart University
Sudjit Karuchit | Suranaree University of Technology

ISEAS-0082
Estimation of Macro-Mechanical Parameters of Jointed Rock Masses Using DEM, Multivariate Regression and Soft Computing Methods
H. Fathipour Azar | Shahrood University of Technology
J. Wang | City University of Hong Kong
S.M.E Jalali | Shahrood University of Technology
S.R Torabi | Shahrood University of Technology
Finance & Law

Tuesday, August 15, 2017 14:45-16:45  Room 1006

Session Chair: Prof. Zhengwei Ma

ACMASS-0006
The Role of Risk and Usefulness in Determining an Adoption of Islamic Mobile Banking Services: The Case of Malaysia
Mohamed Asmy Bin Mohd Thas Thaker | International Islamic University Malaysia
Raisudin Bin Saharin | International Islamic University Malaysia
Amir Hariri Bin Mohd Sa’adon | International Islamic University Malaysia
Syarifah Mardhiah Bt Syed Salim | International Islamic University Malaysia
Anwar Bin Allah Pitchay | Universiti Sains Malaysia
Hassanudin Mohd Thas Thaker | HELP University

ACMASS-0009
Developing Idle Waqf (Endowment) Lands through Cooperative-Waqf Model: The Case of Malaysia
Anwar Allah Pitchay | Universiti Sains Malaysia
Tajul Ariffin Masron | Universiti Sains Malaysia
Zubir Azhar | Universiti Sains Malaysia
Mohamed Asmy Mohd Thas Thaker | International Islamic University Malaysia
Al Amin Mydin | Universiti Sains Malaysia

ACMASS-0041
Application of Structural Equation Modeling to Evaluate Chinese Peer-to-Peer (P2P) Lending Risk: The Customers’ Perspective
Zhengwei Ma | China University of Petroleum (Beijing)
Jiangliang Wang | China University of Petroleum (Beijing)
Lili Wu | China University of Petroleum (Beijing)

ACMASS-0116
Cash Holding Deviation and Speed of Adjustment of Indonesian Firms
Arni Surwanti | Universitas Muhammadiyah Yogyakarta
ACMASS-0103

Intellectual Property Protection for Farming Cropping Patterns and Rice Farming Products in Supporting Food Security

Rahmi Jened Nasution | Airlangga University
Agung Sujatmiko | Airlangga University
Ria Setyawati | Airlangga University
Society & Culture & Communication

Tuesday, August 15, 2017  14:45-16:45  Room 1007

Session Chair: Prof. Seungkoo Kang

ACMASS-0039
Research on the Retirement Anxiety among Middle-Aged Social Workers in South Korea
Hyuk Im | Dongseo University
Jong-Hyun Chae | Busan Geumjeong Community Senior Club

ACMASS-0061
A Study on the Relationship between the Gender Characteristics of Consumers and Canned Beer Packaging
Tung-Yi Cheng | National Taipei University of Technology
Wen-Dih Yeh | National Taipei University of Technology
Ting-Yu Lai | National Taipei University of Technology
Hui-Chen Chou | National Taipei University of Technology

ACMASS-0114
Factors Correlated with Adoption of Paddy- Livestock Integration Systems in Central Sulawesi Province, Indonesia
Anna Fatchiya | Bogor Agricultural University
Istiqlaliyah Muflikhati | Bogor Agricultural University
Tatie Soedewo | Bogor Agricultural University

ACMASS-0044
Economic Value of the Korean Intangible Cultural Heritage Dance: Using Contingent Valuation Method (CVM)
Ji-Young Yoo | Korea National Sport University
Hyun-Soon Baek | Korea National Sport University

ACMASS-0058
Doujinshi: Understanding Fan-Fiction in Japan’s Manga Market
Dong Whan Kim | Phillips Exeter Academy
ACMASS-0082
A Comparative Study of Image Presentation Style in Advertising
Seungkoo Kang | Korea National Open University

ACMASS-0099
The Social Capital for the Exterlity Development of Sustaible Tourism
Ahmad Ma'ruf | University of Muhammadiyah Yogyakarta
Nita Hindayani | Institute of Public Policy and Economic Studies
Nazovah Ummudiyah | Institute of Public Policy and Economic Studies

ACMASS-0032
A Sustainability Analysis of Hong Kong’s Logistics Sector
Peter K.C. Lee | The Hong Kong Polytechnic University
W.M. To | Macao Polytechnic Institute
ISEAS-0010
Simulation and Analysis of Through-Mask Electrochemical Machining with Moving Tools
Lih-Wu Hourng | National Central University
Chian-Huei Chen | National Central University
Chi-Wen Fen | Institute of Metal Research

ISEAS-0015
Characteristic Studies of Proton Exchange Membrane Fuel Cells with Stamped Metallic Bipolar Plates
Chen-Yu Chen | Chinese Culture University
Sheng-Chun Su | Chinese Culture University

ISEAS-0026
An Optimization Procedure for the Design of Damage Resistant Stiffened Panels
Andrea Sellitto | Università degli Studi della Campania “Luigi Vanvitelli”
Aniello Riccio | Università degli Studi della Campania “Luigi Vanvitelli”

MIPE-0004
Structural Analysis of Ball Valve Applying Finite Element Method
Egure-Hidalgo Mildred | Instituto Politécnico Nacional
Hernández-Vázquez Rosa Alicia | Instituto Politécnico Nacional
Romero-Ángeles Beatriz | Instituto Politécnico Nacional
Martínez-Reyes Jacobo | Instituto Politécnico Nacional
Urriolagoitia-Sosa Guillermo | Instituto Politécnico Nacional

ISEAS-0008
Studies of Reformate Hydrogen-Rich Gases on Characteristics of High-Temperature Proton Exchange Membrane Fuel Cells
Keng-Pin Huang | National Cheng Kung University
Chen-Yu Chen | Chinese Culture University
Economics

Wednesday, August 16, 2017  10:30-12:00  Room 1006

Session Chair: Prof. Nano Prawoto

ACMASS-0036
The House Price Dynamics and Heterogeneity: Evidence from China’s Major Cities
Lili Wu | China University of Petroleum (Beijing)
Zhengwei Ma | China University of Petroleum (Beijing)
Xu Tang | China University of Petroleum (Beijing)
Jiangliang Wang | China University of Petroleum (Beijing)

ACMASS-0054
A Comparative Analysis of the Public-Private Partnerships of the Korean Wave and Cool Japan
Yoo Soo Hong | Institute for Creative and Innovative Development
Hui-Wen Chen | Wenzao Ursuline University of Language

ACMASS-0088
The Factors Influencing Economic Growth in Indonesia Period 1981-2014 Error Correction Model Approach
Imamudin Yuliadi | University Muhammadiyah of Yogyakarta

ACMASS-0089
The Analysis of Macroeconomic Variables, Regional Stock Index, and Gold Price Impact on Jakarta Islamic Index: An Approach of Vector Error Correction Model (Vecm)
Agus Tri Basuki | University Muhammadiyah Yogyakarta
Salma Nur Karima | University Muhammadiyah Yogyakarta

ACMASS-0093
Composition of Public Expenditure to Economic Growth in Supporting Good Governance
Nano Prawoto | University Muhammadiyah Yogyakarta
Education (2) & Psychology

Wednesday, August 16, 2017  10:30-12:00  Room 1007

Session Chair: Prof. Helen S. Cabral

ACMASS-0001
Implementation of Rhe Experiential Learning Courses of the College of Teacher Education and Arts and Sciences: An Assessment
Judith S. Calamayo | Northwest Samar State University
Helen S. Cabral | Northwest Samar State University
Wilfredo A. Aurea | Northwest Samar State University
Bella B. Delos Reyes | Northwest Samar State University
Modesto M. Maniable | Northwest Samar State University

ACMASS-0028
Teacher Leadership Survey of Chinese Secondary School
Song-Hua Liu | Pusan National University
Chul-An Joo | Pusan National University
Zhen Yuan | Pusan National University
Zi-Yuan Zhang | Pusan National University

ACMASS-0104
Mental Health Promotion for the Ideal Communities’ Elderly in Chiang Mai Province
Matree Vongverapant | Maejo University

ACMASS-0110
Social Support of First-Time Mother: An Exploratory Study of Indonesian Mothers
Nanan Nuraini | University of Bristol

ACMASS-0054
A Comparative Analysis of the Public-Private Partnerships of the Korean Wave and Cool Japan
Yoo Soo Hong | Institute for Creative and Innovative Development
Hui-Wen Chen | Wenzao Ursuline University of Language
Examining the Effects of ABRACADABRA, a Web-Based Literacy Program among P3 Students in Hunan, Rural China
Xin GUO ︱ The Chinese University of Hong Kong
Alan Cheung ︱ The Chinese University of Hong Kong
ISEAS-0060
Carbonized Jackfruit Wood Sawdust as Adsorbent for the Removal of Heavy Metal from Aqueous Solutions
Tintin Mutiara | Islamic University of Indonesia
Lilis Kistriyani | Islamic University of Indonesia
Ahmad Ulin Nuha | Islamic University of Indonesia
Hifni Shofiyul Amali | Islamic University of Indonesia

ISEAS-0068
Study of Removal Cuprum (II) Ion from Aqueous Solution Using Amorphophallus campanulatus Modified Starch and Skin as a Low Cost Adsorbent
Ajeng Yulianti Dwi Lestari | Islamic University of Indonesia

ISBENS-0013
Cyclodextrin Inclusion Complex Enhanced the Skin Absorption of 7,3’,4’-Trihydroxyisoflavone through Improving Its Physicochemical Properties
Pao-Hsien Huang | Kaohsiung Medical University
Stephen Chu-Sung Hu | Kaohsiung Medical University Hospital
Chih-Hua Tseng | Kaohsiung Medical University
Feng-Lin Yen | Kaohsiung Medical University

ISBENS-0020
The Synthesized Magnetic Sorbents for Wastewater Treatment from Heavy Metal and Dyes
Netnapit Kaewchuay | Rajamangala University of Technology Thanyaburi
Apinya Nabsanith | Rajamangala University of Technology Thanyaburi
Wanida Ubonbal | Rajamangala University of Technology Thanyaburi
Narisara Lueapresert | Rajamangala University of Technology Thanyaburi
Bionomics of Oleander Hawk moth, *Daphnis nerii* (L.) (Lepidoptera: Sphingidae)

K. Phinphet | *King Mongkut's Institute of Technology Ladkrabang*

S. Bumroongsook | *King Mongkut's Institute of Technology Ladkrabang*

S. Tigwattananont | *King Mongkut's Institute of Technology Ladkrabang*
ISLLLE-0032
Maximizing the Linguistic Impact of Study Abroad
Jorge H. Cubillos  |  University of Delaware

ISLLLE-0039
Digital Storytelling: Construction, Discussion, and Production of TEFL Speaking on VoiceThread
Chia-Yi Li  |  Southern Taiwan University of Science and Technology

ISLLLE-0027
Cross-Cultural Communication Patterns of Korean and Thai Communication
Inecita R. Cuevas  |  Saint Michael’s College of Laguna

ISLLLE-0010
Decoding the Equivocal Narrative Voice in “The Tale of Yingying”: Using Ritual Propriety and Political History as Keys
Mei Ah Tan  |  Hang Seng Management College
Education (3)

Wednesday, August 16, 2017  13:00-14:30  Room 1007

Session Chair: Prof. Tania Hossain

ACMASS-0037
Limitations of the Policy of Nursing and Childcare Subsidy, and Its Negative Effect in Taiwan
Chia-Jou Liu | Dong Hwa University
Chunn-Ying Lin | Dong Hwa University

ACMASS-0085
Education Context and English Teaching and Learning in Bangladesh: An Overview
Tania Hossain | Waseda University

ACMASS-0105
Academic and Social Integration Experiences of Papuan Studying in University in Java
Cahya Wulandari | University of Bristol
Arief Nugraha | University of Bristol
Nanan Nuraini | University of Bristol

ACMASS-0118
An Action Research on the Flipped Learning in a Calculus Course
Chi-Tung Chang | Feng Chia University
Sui-Pi Chen | Feng Chia University
Jinn-Min Yang | National Taichung University of Education
Shih-Hsuan Wei | National Taichung University of Education
Poster Sessions (1)

Computer & Information Sciences / Electrical & Electronic Engineering

Tuesday, August 15, 2017  10:00-11:00  Room 1004

ISEAS-0006
Using RSA Cryptosystem Mechanism for High Secure P2P Networks
Gwo-Jiun Horng | Southern Taiwan University of Science and Technology
Ying-Jun Chen | National Cheng Kung University
Sheng-Tzong Cheng | National Cheng Kung University

ISEAS-0014
3D Modeling of Medical Images Based on User Interactions in Virtual Reality
Tsai-Rong Chang | Southern Taiwan University of Science and Technology
Ding-Horng Chen | Southern Taiwan University of Science and Technology
Guan-Yin Chen | Southern Taiwan University of Science and Technology

ISEAS-0035
An Efficient Video Surveillance Framework for Multi-Pedestrian Tracking
Chien-Hao Tseng | National Applied Research Laboratories
Lun-Chi Chen | National Applied Research Laboratories
Jyh-Horng Wu | National Applied Research Laboratories
Fang-Pang Lin | National Applied Research Laboratories

ISEAS-0047
A Novel SACRO-Based Particle Swarm Optimization for the Multidimensional Knapsack Problem
Mingchang Chih | National Chung Hsing University
ISEAS-0056
Novel Switch Block for Three-Dimensional FPGA Design
Mao-Hsu Yen | National Taiwan Ocean University
Ming-Yang Shyu | National Taiwan Ocean University
Arthur Tsai | National Taiwan Ocean University
Yeong-Chang Maa | National Taiwan Ocean University
Yih-Hsia Lin | Ming Chuan University

ISEAS-0057
VLSI Implementation of PIC16F84 MCU with In-System Programming
Mao-Hsu Yen | National Taiwan Ocean University
Wei-Jui Cheng | National Taiwan Ocean University
Chiu-Kuo Chen | Bureau of Standards, Metrology and Inspection
Chia-Hung Su | Electronics Testing Center
Shih-Bin Lu | National Taiwan Ocean University
Yin-Cheng Chang | National Chip Implementation Center
Da-Chiang Chang | National Chip Implementation Center

ISEAS-0059
Transfer of Official Certifications into Smartphones in Korea
Hyo-Joong Suh | The Catholic University of Korea

ISEAS-0066
Head Controlled Mouse Cursor in the Android Mobile System for the People with Disabilities
Ying-Ying Shih | Chang Gung Memorial Hospital
Yu-Jie Su | National Taipei University of Education
Chih-Chen Chen | Hwa Hsia Institute of Technology
Sheng Chen | Hwa Hsia Institute of Technology
Yi-Feng Ko | Taipei Medical University Hospital
Shih-Ching Chen | Taipei Medical University Hospital
Yu-Luen Chen | National Taipei University of Education

ISEAS-0081
A Tree-Based Approach of Mining Closed Frequent Fault Tolerant Patterns
I.C. Liu | National Dong Hwa University
G. Lee | National Dong Hwa University
ISEAS-0007
The Realization of Realistic Acoustic Wave Resonator
Kuo-Sheng Kao | Shu-Te University
Szu-Wei Fang | Shu-Te University
Da-Long Cheng | Shu-Te University

ISEAS-0024
Optimal Self-Excitation Configuration for the Single-Phase Induction Generator by Using Long Shunt Connection
Wen-Yeau Chang | St. John’s University
Po-Chuan Chang | National Chiao Tung University

ISEAS-0037
Android Application of a Speech Controlled Drawing for Handicapped People
Lukas Klinghammer | Heilbronn University
Muhammad Farhan | Telkom University
In Hwan Sul | Kumoh National Institute of Technology
Woosuk Kim | Kumoh National Institute of Technology
Youngjin Seo | Kumoh National Institute of Technology
Wansu Lim | Kumoh National Institute of Technology

ISEAS-0038
Android Application for Controlling Four-Wheeled Car-Like Robot to Solve Maze Problem
Khowarizmi Al | Institut Teknologi Bandun
Schall Helmut | Heilbronn University
Jimin Cheon | Kumoh National Institute of Technology
Jongbok Kim | Kumoh National Institute of Technology
Wansu Lim | Kumoh National Institute of Technology

ISEAS-0062
Simulation of Electrical Characteristics for GaSb Junctionless Transistor
Min Su Cho | Kyungpook National University
Jae Hwa Seo | Kyungpook National University
Young Jun Yoon | Kyungpook National University
Bo Gyeong Kim | Kyungpook National University
Hyun Yong Kim | Kyungpook National University
In Man Kang | Kyungpook National University
ISEAS-0070
Efficient Integer-Forcing MIMO Linear Receiver Design
Jung-Chieh Chen | National Kaohsiung Normal University

ISEAS-0071
Simulation Technique of a Pinned Photodiode for a CMOS Image Sensor
Jimin Cheon | Kumoh National Institute of Technology

ISEAS-0073
The Effects of CuF$_2$ and LiNbO$_3$ on the Property of Lead-Free NKN-Based Ultrasonic Therapeutic Transducers
Chung-Ming Weng | National Cheng Kung University
Sheng-Yuan Chu | National Cheng Kung University
Cheng-Che Tsai | Tung Fang Design Institute
Cheng-Shong Hong | National Kaohsiung Normal University
Poster Sessions (2)

Fundamental & Applied Sciences / Material Science

Engineering / Mechanical Engineering and Technology /

Civil Engineering / Society / Psychology / Economics /

Communication

Tuesday, August 15, 2017 14:00-15:00  Room 1004

ISEAS-0005
On The Economic Production Lot Size Inventory Problem with Lead Time and Backorders in Fuzzy Environments
Shih-Pin Chen | National Chung Cheng University
Yu-Wen Chen | National Chung Cheng University

ISEAS-0011
Effect of Vascular Calcification in Human Smooth Muscle Cells Infected with Porphyromonas Gingivalis under High Glucose Condition
Shun-Fu Chang | Chang Gung Memorial Hospital-Chiayi Branch

ISEAS-0022
Bisporphyrin Conjugated with Naphthalenebisimide
Kazuya Ogawa | University of Yamanashi
Takefumi Yotsutuji | University of Yamanashi

ISEAS-0046
Performance Study of Lightweight Brick Sintered from Water Reservoir Sediment for External Wall Application
Han-Hsi Liang | National United University
Wan-Xin Zhuo | National United University
Hong-Wei Cnen | National United University
Kevin Fong-Rey Liu | Ming Chi University of Technology
ISEAS-0051
Properties of Composite Oxide Layer Prepared by Sol-Gel Coating and Anodizing
Sangshik Park | Kyungpook National University
Kaiqiang Zhang | Kyungpook National University

ISEAS-0031
Enhancement of Heat Transfer of Heat Sink by Vortex Generators
Hung-Yi Li | National Kaohsiung University of Applied Sciences
Wan-Rong Liao | Huafan University

ISEAS-0041
Chien-Hsin Chen | National Formosa University

MIPE-0008
Finite Element Modeling and Analysis on Double-Flank Gear Rolling Testing
Chia-Chang Liu | Chien Hsin University of Science and Technology
Long-Hui Peng | Chien Hsin University of Science and Technology
Zi-Chen Zeng | Chien Hsin University of Science and Technology

MIPE-0009
Contact Simulation of Internal Conical Gear Pairs Generated by Shaper Cutters
Chia-Chang Liu | Chien Hsin University of Science and Technology
Chin-Kan Chung | Chien Hsin University of Science and Technology
Wen-Fu Chiang | Chien Hsin University of Science and Technology

ISEAS-0034
Development of a Seismic Loss Assessment Model of Taiwan Highway Network
Cheng-Tao Yang | National Center for Research on Earthquake Engineering
Chi-Hao Lin | National Center for Research on Earthquake Engineering
Yu-Chia Liao | National Center for Research on Earthquake Engineering
Yi-Kuang Pan | National Center for Research on Earthquake Engineering

ACMASS-0045
The Impact of Psychological Characteristics of Users by Game Structures and Parental Mediation on the Online Game Addiction of Adolescents
Sang Bai | National Youth Policy Institute
Eun-Hye Ko | National Youth Policy Institute
ACMASS-0053
Predictors of Job Retention among Paid Home Caregivers in Taiwan
Yu-Hsien Chen | Tzu Chi University of Science and Technology
Shu-Yi Huang | Tzu Chi University
Huei-Chuan Sung | Tzu Chi University of Science and Technology

ACMASS-0067
A Study on the Symbolism of Amphibia (Frog, Toad) in Sandtray Therapy
Soon Song | Wonkwang University, Korea Sandtray Therapy Association

ACMASS-0102
A Study on Case Analysis of Sandtray Therapy for Homeless Child
Kyung-Hee Kim | Mokpo National University
Ji Ah Oh | Mokpo National University

ACMASS-0122
The Case Study on the Art Therapy for Improving Self-Esteem and Ego-Resiliency, Emotional Stability of Sexual Violence Victim Child
Sugmin Lee | Wonkwang University
Soon Song | Wonkwang University

ACMASS-0024
Will China’s Trade Restructuring Reduce CO₂ Emissions Embodied in International Exports?
Xu Tang | China University of Petroleum(Beijing)
Jianliang Wang | China University of Petroleum(Beijing)
Zhengwei Ma | China University of Petroleum(Beijing)
Lili Wu | China University of Petroleum(Beijing)

ACMASS-0123
Language Impairment in Chinese-Speaking AD Communication
Yi-Hsiu Lai | National University of Kaohsiung
Poster Sessions (3)

Education / Management

Tuesday, August 15, 2017  15:30-16:30  Room 1004

ACMASS-0033
A Study on Nel Noddings’s Caring Theory and Martin Buber’s Thought: How Can a Teacher Respond to Unexpressed Needs of Children?
Yoshika Hoshikawa | *Kobe University*

ACMASS-0052
Job Characteristics, Job Satisfaction, and Job Involvement for Preschool Educators in Taiwan: Compared with Other Occupations
Hsin-Yu Chang | *National Dong Hwa University*
Chunn-Ying Lin | *National Dong Hwa University*

ACMASS-0059
Teaching Materials Development and Educational Practice of Intellectual Property Education in Teacher Training Course
Shigeki Ahama | *Yamaguchi University*

ACMASS-0065
Reflection on Engagement with Mental Health Clients of Undergraduate Nursing Students
Yat Kwan Alan Tsang | *The Open University of Hong Kong*

ACMASS-0074
The Influential Mechanism of Job Achievement and Turnover Intention in Taiwan: A Comparison among Preschool Teachers and Other Occupations
Chieh-Fang Chuang | *Dong Hwa University*
Chunn-Ying Lin | *Dong Hwa University*
Cheng-Hung Chen | *Dong Hwa University*
ACMASS-0076
A Novel Approach to Grouping Students in STEAM Program for Improving Social Competence
Pei-Chi Hu | Institute for Information Industry
Yu-Chun Cheng | Institute for Information Industry
Chia-Chun Lin | Institute for Information Industry
Chia-Heng Chen | Institute for Information Industry
John Liao | Institute for Information Industry

ACMASS-0077
Study on Relationship between Intellectual Property Learning and Learning Consciousness - Using the Method of Weighing Text Analysis –
Shihori Ahama | Yamaguchi Prefectural University
Shigeki Ahama | University Yamaguchi University

ACMASS-0083
Effects of Combined Exercise on Posture and Static Balance on Persons with Physical Disabilities
Jin Hyung Shin | Silla University
Kang Ho Bae | Silla University
Bom Jin Lee | Silla University
Jeong Ok Yang | Silla University
Joong Sook Lee | Silla University
In Woo Lee | YES I CAN Development Center

ACMASS-0113
Can Art Programs Help Enhance Development in Older Adults?
Chiharu Yasuzato | Kobe University

ACMASS-0117
Effects of Circuit Training on Functional Fitness and Postures in the Elderly
Kangho Bae | Silla University
Bom Jin Lee | Silla University
Jeong Ok Yang | Silla University
Joong Sook Lee | Silla University
Jin Hyung Shin | Silla University
Young Jin Woo | Silla University
ACMASS-0025
Formation of the Concept of “Yoko-eno-hattatsu ” in the 1950–60s: Focused on the Practice of Oumi Gakuen, Azami Ryou and Biwako Gakuen
Akari Unai | Kobe University

ACMASS-0005
A Study on Sports Tourists’ Souvenir Purchase Behavior and Preference
Chia-Ming Chang | National Chiayi University
Hsiu-Chin Huang | Tatung Institute of Technology
Tsung-Liang Lin | Tatung Institute of Technology

ACMASS-0015
Does Brand Love Really a Mediator to Bridge Community Members’ Brand Purchase Intentions? From the Brand Passion and Trust Perspectives
Li-Chun Hsu | National Taitung University

ACMASS-0050
Understanding the Knowledge Sharing Behavioral Intention: An Integration of Self-Regulation and Social Cognitive Theory
Nai-Chang Cheng | Da Yeh University
Shang En Yu | Ming Chuan University

ACMASS-0064
Building Social Support from Children’s Mental Health Communities on Social Network Sites
Chiahui Yen | Ming Chuan University

ACMASS-0066
A Goal Rebound Hypothesis: Sequential Friends Endorsement in Social Media
Yu-Jen Chen | Lingnan University
Suntong Qi | The Chinese University of Hong Kong

ACMASS-0072
An Empirical Study on Experiential Marketing and Customer Loyalty
Shun-Hsing Chen | Oriental Institute of Technology
Ying-Tung Lin | Oriental Institute of Technology
ACMASS-0133

How Does Cognitive Dissonance Influence Sunk Cost Effect?

Cheng Kuo-Chih | National Changhua University of Education
Poster Sessions (4)

Biomedical Engineering / Biological Engineering / Biology / Chemical Engineering / Chemistry / Physics / Electrical & Electronic Engineering (2) / Computer & Information Sciences (2)

Wednesday, August 16, 2017  10:00-11:00  Room 1004

ISEAS-0012
Two-Stage Calibration Regression Models to Explore the Association between Asthma and Croup Childhood
Hui-Wen Lin  |  Soochow University
Sheng-Chieh Lin  |  Taipei Medical University

ISEAS-0013
Activation of PPARgamma to the Neuroprotection in the Mitochondrial Dysfunction by AGEs in Cultured hNSCs
Ming-Chang Chiang  |  Fu Jen Catholic University

ISEAS-0039
Generation of Anti-CD19 Single Chain Antibody by Phage Display Technology
Yan-Ni Lo  |  Taipei Medical University
Chen-Wei Chiang  |  Taipei Medical University
Fu-Ling Chang  |  Taipei Medical University
Tsai-Yu Lin  |  Taipei Medical University
Keng-Chang Tsai  |  Ministry of Health and Welfare
Yu-Ching Lee  |  Taipei Medical University
ISEAS-0058
The CECT and NCCT Image Registration Based on Mutual Information
Meng-Chen Jheng | National Chung Cheng University
Shao-Jer Chen | Buddhist Dalin Tzu Chi General Hospital
Chia-Ling Tsai | Iona College
Wei-Yang Lin | National Chung Cheng University

ISEAS-0064
Magnetic Nanoparticle Images and Assaying Biomarkers via the Magnetic Relaxation of Biofunctionalized Nanoparticles Associated with Biotargets
Li-Min Wang | National Taiwan University
Chih-Yi Wang | National Taiwan University
Tien-Wei Yang | National Taiwan University
Dong Shen | National Taiwan University
Jian-Ming Chen | National Chung Hsing University
Kuen-Lin Chen | National Chung Hsing University

ISEAS-0077
Wide-Field Diagonal-Scanning 3D Optical Coherence Tomography Probe for in Vivo Imaging of the Human Tympanic Membrane
Mansik Jeon | Kyungpook National University
Jeehyun Kim | Kyungpook National University
Kibeom Park | Kyungpook National University
Jaeseok Park | Kyungpook National University
Ruchire Eranga Wijesinghe | Kyungpook National University
Youngpil Kim | Kyungpook National University
Deokmin Jeon | Kyungpook National University
Pilun Kim | Oz-tec
Unsang Jung | Pohang University of Science and Technology
Kyuik Song | Kyungpook National University
ISBENS-0003
Study on the Continuous Fermentation for the Second-Generation Bioethanol Production by Using Rice Straw Hydrolysate as Carbon Source
Chin-Chung Chen | Green Technology Research Institute, CPC Corporation, Taiwan
Ai-Ling Kao | Green Technology Research Institute, CPC Corporation, Taiwan
Chang-Ting Tsai | Green Technology Research Institute, CPC Corporation, Taiwan
Hsin-Yao Cheng | Green Technology Research Institute, CPC Corporation, Taiwan
Jui-Hui Chen | Green Technology Research Institute, CPC Corporation, Taiwan
Zheng-Chia Tsai | Green Technology Research Institute, CPC Corporation, Taiwan

ISBENS-0016
Complexation of Insulin Aspart and Ultrasonicated Chitosan: Effects of Processing Parameters on Release Profile
Hui Peng Lim | Monash University Malaysia
Eng-Seng Chan | Monash University Malaysia

ISBENS-0017
Improvement in Water Solubility and Anti-Pollutant Activity of 3'-Hydroxydaidzein by Planetary Ball Mill Preparation
Feng-Lin Yen | Kaohsiung Medical University
Chia-Yu Lin | Kaohsiung Medical University
Chiang-Wen Lee | Chang Gung Institute of Technology and Chronic Diseases and Health Promotion Research Center
Chih-Hua Tseng | Kaohsiung Medical University

ISBENS-0011
Beneficial Effects of Oligo Fucoidan in Patients with Chronic Hepatitis B Virus Infection
Fang-Ping Shen | HungKuang University
Wang-Sheng Ko | Kuang-Tien General Hospital
Yuan-Horng Yan | Kuang-Tien General Hospital
Mei-Chun Lu | Kuang-Tien General Hospital
Chia-Ju Shih | HungKuang University
Ya-Ling Chiou | HungKuang University
The Antioxidant and Photoprotective Effect of Polypodium Formosanum Extracts
Tzu-Ching Lin | Medical University
Feng-Lin Yen | Kaohsiung Medical University
Yao-Moan Huang | Council of Agriculture, Executive Yuan, ROC

LY2109761 and Sorafenib Inhibit Intrahepatic Cholangiocarcinoma Proliferation and Metastasis in vitro and in vivo
Wei-Lin Teng | National Sun Yat-Sen University
Wangta Liu | Kaohsiung Medical University
Chang-Yi Wu | National Sun Yat-Sen University
Jen-Leih Wu | Academia Sinica

Electrochemical Performances of Graphene Nanosheet/MoS₂ Composite Electrodes for Lithium Batteries
Seok Kim | Pusan National University
Jin Seob Park | Pusan National University

Hydrogenolysis of Glycerol to 1, 3-Propanediol over Pt Catalysts
Jung-Chin Tsai | Ming Chi University of Technology
Yu-Syuan Tsai | Ming Chi University of Technology

1,7-Diaminoperylene Bisimides: Synthesis, Optical and Electrochemical Properties
Kew-Yu Chen | Feng Chia University
Hsing-Yang Tsai | Feng Chia University

Folic Acid-Conjugated Auag Nanoparticles Combined Surface Enhanced Raman Spectroscopy for Rapid Detection of Bladder Cancers in Urine
Chih-Chia Huang | National Cheng Kung University
Yao-Tzu Yang | National Cheng Kung University
Yi-Chun Chiu | Taipei City Hospital
Chun-Hung Lin | National Cheng Kung University
Mei-Yi Liao | National Pingtung University
ISBENS-0014
Investigation of the Stability and Antioxidant Activity in Various Cyclodextrins with 8-Hydroxydadzein Inclusion Complex
Chih-Yu Hsu | Kaohsiung Medical University
Feng-Lin Yen | Kaohsiung Medical University
Stephen Chu-Sung Hu | Kaohsiung Medical University
Chih-Hua Tseng | Kaohsiung Medical University

ISBENS-0015
The Aqueous Solubility and Bioactivity of Artocarpus Communis Methanol Extract Inclusion Complex
Chun Yin Yang | Kaohsiung Medical University
Feng Lin Yen | Kaohsiung Medical University

ISBENS-0010
Assessing Doses of Patients Taking the Cardiac Catheterization Examination
Fu-Yan Zhang | National Tsing Hua University
Fang-Yuh Hsu | National Tsing Hua University
Ching-Han Hsu | National Tsing Hua University

ISEAS-0075
Application Realization of CANopen Network to a Multi-Axis Motion Control System
Chau-Chung Song | National Formosa University
Chih-Hui Wang | National Formosa University
Hsueh-Chien Tang | National Formosa University
Chung-Wen Hung | National Yunlin University of Science and Technology
Jing-Jou Tang | Southern Taiwan University of Science and Technology

ISEAS-0016
Enhanced Multi-Server Authenticated Key Agreement Using Elliptic Curve Cryptography for Telecare Medicine Information Systems
Tian-Fu Lee | Tzu Chi University
Yin-Yu Diao | Tzu Chi University