Conference Program

February 21-23, 2017
Singapore

TICEAS
The International Conference on Engineering and Applied Sciences

ICBENS
International Conference on Biological Engineering and Natural Sciences

ICEASS
International Conference on Education and Social Sciences

APCBM
Asia-Pacific Conference on Business and Management
TICEAS
The International Conference on Engineering and Applied Sciences

ICBENS
International Conference on Biological Engineering and Natural Sciences

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Civil Engineering/ Material Science and Engineering / Natural Science/Fundamental & Applied Engineering (2) / Computing Science & IT Engineering/Mechanical Engineering/ Electrical & Electronic Engineering (2)
Welcome Message

Local Host
Azilawati Jamaludin
Office of Education Research
National Institute of Education
Nanyang Technological University Singapore

Welcome Speech & Networking
09:30-10:00, Wednesday, February 22, 2017
Anson I & II, 2nd Floor, M Hotel Singapore

Dear Presenters and Participants,

It is an honor to be your local host and warmly welcome all of you to the Joint Conferences of TICEAS, ICBENS, ICEASS & APCBM organized by Higher Education Forum (HEF). Singapore is a multi-cultural city that thrives on diversity and I hope to mirror the embracement of diverse expertise and portfolios for an exciting and engaging intellectual exchange at the conference. With interdisciplinary dialog being a key feature of HEF-organized conferences, there is much to be gained from the wealth of insights beyond our domain field, ranging from varied disciplines such as engineering, applied and social sciences, business, education and more. Many past HEF conference presenters and participants have deeply valued the opportunity for interactions and learning with academics, researchers, practitioners, and students from diverse fields as we see our work in relation to others. Beyond intellectual engagement and collaboration, there is also much to be experienced as we enjoy learning about new cultures from our local and international delegates. Therefore I look forward to welcoming you to HEF conferences, as we draw together relations between our diverse disciplines and diverse cultures, paving the way for an enriching and enjoyable learning journey for each of us. As Leonard Bernstein once said, initiation into the love of learning is learning to know something by its relation to something else. See you in Singapore!

Yours sincerely

Dr Azilawati Jamaludin
General Information for Participants

- **Registration**
The registration desk will be situated on the 2nd floor at M Hotel Singapore during the following time:
  - 08:30-17:30, Wednesday, February 22, 2017
  - 08:30-17:00, Thursday, February 23, 2017

- **Organizer**
  Higher Education Forum (HEF)
  Tel: + 886 2 2740 1498 〡 [www.prohef.org](http://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 Committee of Nature Sciences

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<td>Abdelwahab Elghareeb</td>
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</table>
Conference Venue Information

M Hotel Singapore
Address: 81 Anson Road Singapore 079908
Telephone number: +65 6224 1133

An unique urban getaway in the heart of Singapore's financial district. Close by, you'll find the Marina Bay Financial Centre, Clarke Quay, and Orchard Road. M Hotel Singapore offers 413 rooms and suites, styled in contemporary chic. Technological features including wireless broadband are available, so you'll always stay connected. Working from the comfort of your hotel is easy. On level 8, we have 40 newly furnished office suites and a business centre. Meanwhile, our spacious ballrooms and 9 meeting rooms provide elegant spaces, adaptable for just any function - from business meetings to grand wedding banquets.
M Hotel Singapore Floor Plan (2nd Floor)
### Conference Schedule

#### Tuesday, February 21, 2017

**Internal Meeting (HEF Staff Only)**

#### Wednesday, February 22, 2017

**Oral Presentation**

**2F, M Hotel Singapore**

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>08:30-17:30</td>
<td>Registration</td>
<td>Foyer Area</td>
</tr>
<tr>
<td>09:30-10:00</td>
<td><strong>Welcome Speech &amp; Networking</strong></td>
<td>Anson I &amp; II</td>
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<tr>
<td></td>
<td>Dr Azilawati Jamaludin</td>
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<td></td>
<td>Nanyang Technological University Singapore</td>
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<tr>
<td>10:00-12:00</td>
<td><strong>Nature Science Keynote Speech (10:00-11:00)</strong></td>
<td>Anson I &amp; II</td>
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<tr>
<td></td>
<td>Prof. Yonik Meiawati Yustiani</td>
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<td>Pasundan University</td>
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<td><em>Topic: Identification of Influencing Factors to the Deoxygenation Rate of Rivers Located in the Urban Area</em></td>
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<tr>
<td>10:00-12:00</td>
<td><strong>Social Science Keynote Speech (11:00-12:00)</strong></td>
<td>Anson I &amp; II</td>
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<td>Prof. David C. Donald</td>
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<td>The Chinese University of Hong Kong</td>
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<td><em>Topic: Increasing Information Facilitates Codified Law: Why Statutes Have Supplanted the Common Law</em></td>
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<td>12:00-13:00</td>
<td><strong>Lunch Time</strong></td>
<td>The Buffet (2F)</td>
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<tr>
<td>13:00-14:30</td>
<td>Computing Science &amp; IT Engineering</td>
<td>Anson I</td>
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<td>Mechanical Engineering</td>
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<td></td>
<td>Psychology (1)</td>
<td>Anson IV</td>
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<tr>
<td>14:30-14:45</td>
<td><strong>Tea Break &amp; Networking</strong></td>
<td>Foyer Area</td>
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<tr>
<td>14:45-16:15</td>
<td>Biological Engineering</td>
<td>Anson I</td>
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<td>Chemical Engineering / Material Science and Engineering</td>
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<td></td>
<td>Psychology (2)</td>
<td>Anson IV</td>
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<td>16:15-16:30</td>
<td><strong>Tea Break &amp; Networking</strong></td>
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<tr>
<td>16:30-18:00</td>
<td>Biological Engineering / Natural Science, Electrical &amp; Electronic Engineering (1), Education (1) &amp; Society (1)</td>
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<tr>
<td>09:00-10:00</td>
<td>Poster Sessions (1), Education (1) / Psychology / Electrical &amp; Electronic Engineering (1) / Biological Engineering / Chemical Engineering / Environmental Engineering</td>
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## Thursday, February 23, 2017

### Oral Presentation

**2F, M Hotel Singapore**

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<tr>
<td>08:45-10:15</td>
<td>Electrical &amp; Electronic Engineering (2) Finance</td>
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<td>10:15-10:30</td>
<td><strong>Tea Break &amp; Networking</strong></td>
<td>Foyer Area</td>
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<tr>
<td>10:30-12:00</td>
<td>Accounting / Business / Economy / Marketing Management</td>
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<tr>
<td>12:00-13:00</td>
<td><strong>Lunch Time</strong></td>
<td>The Buffet(2F)</td>
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<td>13:00-14:30</td>
<td>Civil Engineering / Environmental Engineering Culture</td>
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<td>14:30-14:45</td>
<td><strong>Tea Break &amp; Networking</strong></td>
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<tr>
<td>14:45-16:15</td>
<td>Fundamental and Applied Sciences Education (2)</td>
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<td>16:15-16:30</td>
<td><strong>Tea Break &amp; Networking</strong></td>
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<td>16:30-18:00</td>
<td>Law / Communication / Politics / Society (2) Education (3)</td>
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### Poster Presentation

**Anson IV, 2F, M Hotel Singapore**

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<tr>
<td>09:00-10:00</td>
<td>Poster Sessions (2) Business / Education (2) / Management / Society</td>
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<tr>
<td>10:30-11:30</td>
<td>Poster Sessions (3) Civil Engineering / Computing Science &amp; IT Engineering / Fundamental &amp; Applied Engineering / Material Science and Engineering/ Natural Science</td>
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</tbody>
</table>
Nature Sciences Keynote Speech

Anson I & II, 2nd Floor

10:00-11:00, Wednesday, February 22, 2017

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**Topic: Identification of Influencing Factors to the Deoxygenation Rate of Rivers Located in the Urban Area**

Yonik Meilawati Yustiani  
Department of Environmental Engineering  
Pasundan University  
Indonesia

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**Abstract:**

Deoxygenation process is an important process in the effort to do the self purification of the river, which degrade organic pollutants types of bio-degradable so that the river came be purified. The rate of deoxygenation process will affect the self purification rate. Research on the deoxygenation very rarely done in the polluted urban rivers. Deoxygenation rate value obtained from previous research showed that the value of urban river deoxygenation rate is relatively low. The low value of the rate of deoxygenation led to the difficulty in rivers to purify themselves. Pollutants inhibiting the process can be stopped at the source, and self purification process can be improved in these water bodies. The cause of the low rate is necessary to be identified in detail to improve the quality conditions of the river. Therefore, this research needs to be conducted so that the parameters inhibiting self purification process can be overcome and that the water quality can be improved. The parameters examined through the sampling process water streams represented by Cikapundung and Citarum Rivers, located in Bandung area, Indonesia, as urban rivers. The water samples were analyzed to obtain the content of physics, chemistry, and biology parameters. The rate of deoxygenation also simulated in the laboratory using the method of calculation of daily dissolved oxygen and methods of Thomas' Slope. Biochemical test was performed to identify the content of microorganisms decomposers contained in the river water. Results of laboratory analysis and simulation will be processed to obtain a dominant parameter influencers deoxygenation rate in urban rivers. Processing the results will show the relationship between each parameter on the rate of deoxygenation.
Brief Introduction of Prof. Yonik Mellawati Yustiani
- Associate professor in the Department of Environmental Engineering, Pasundan University, Bandung-Indonesia
- Head of Center for Research, Scientific Publication, and International Collaboration, Engineering Faculty, Pasundan University
Social Sciences Keynote Speech

Anson I & II, 2nd Floor

11:00-12:00, Wednesday, February 22, 2017

**Topic:** Increasing Information Facilitates Codified Law: Why Statutes Have Supplanted the Common Law

David C. Donald
Professor
Faculty of Law
The Chinese University of Hong Kong

**Abstract:**
North (1990) draws a distinction between institutions that are ‘created’, like a constitution or other written rules, and institutions that ‘simply evolve,’ like the common law. Eisenberg (1988), using a jurisprudential rather than institutional framework, explains in detail how informal institutions (‘social propositions’) are processed into law through litigation. Deakin and Carvalho (2010) have shown how legal concepts carry information analogous to the instructions of genetic code and how the interaction of enduring concepts with changing circumstances triggers the consistency in variation of legal evolution. Deakin (2015) further argues that disequilibria in the evolution of common law can necessitate legislative intervention, so that both the common and civil law systems are hybrids requiring both statute and case law.

Building on the above theoretical foundation, this paper offers an information-based theory of the changing balance between case and statutory law in common law systems. Growing amounts of real-time information about disputes, solutions and disequilibria increasingly allow lawmakers to self-reflectively engage in the ‘second-order observation’ (Luhmann, 1993) necessary to form the general and abstract rules composing statutes. Courts can (with a minimal framework of ‘writs’ and ‘stare decisis’) create law spontaneously despite sparse information. Evidence of this can be found in pre-Imperial Great Britain and the 19th century United States. In environments where information rapidly accumulates, ‘second order observation’ of law expands, accelerating the production cycle from informal institution to abstract statutory rule. Case law remains important (increasingly so in civil law jurisdictions) because constant social and technological change rapidly render legislation incomplete or
obsolete. However, there is no reason to think increased information flows will trigger endless rapid change. Therefore, it is likely that increasing information about problems, solutions and disequilibria will continue to diminish the importance of case law for processing informal constraints into the formal institutions of law.

**Brief Introduction of Prof. David C. Donald**

David C. Donald is a Professor in the Law Faculty of The Chinese University of Hong Kong. David previously taught at the Institute for Law and Finance of the University of Frankfurt, Germany and worked as a commercial lawyer in the US and Europe. His publications include *A Financial Centre for Two Empires: Hong Kong’s Corporate, Securities and Tax Laws in its Transition from Britain to China* (Cambridge, 2014), *The Hong Kong Stock and Futures Exchanges – Law and Microstructure* (Sweet & Maxwell 2012), and (with Andreas Cahn), *Comparative Company Law: Texts and Cases on the Laws Governing Corporations in Germany, the UK and the USA* (Cambridge 2010). He is participating with scholars from other universities on a Hong Kong Research Grants Council funded project, “Enhancing the Future of Hong Kong as a Leading International Financial Centre.” David is currently a member of Hong Kong’s Standing Committee for Company Law Reform and its Financial Policy Research Committee, as well as a member of the Hong Kong Institute of Chartered Secretaries Academic Advisory Panel. He is also a member of the Higher Education Forum Core Committee.
Oral Sessions

Computing Science & IT Engineering

Wednesday, February 22, 2017   13:00-14:30   Anson I

Session Chair: Prof. K K Shukla

TICEAS-2638
An Integer Programming Formulation of the Intuitionistic Fuzzy Orienteering Problem and Its Work-Depth Analysis
Madhushi Verma | IIT(BHU)
K K Shukla | IIT(BHU)

TICEAS-2674
Fast H.265 Video Encoder Using Data Mining Technique
Jyun-Ru Chen | I-Shou University
Liang-Chun Chen | I-Shou University
Chou-Chen Wang | I-Shou University

TICEAS-2680
Hye-In Seo | Hanbat National University
Eun-Gi Kim | Hanbat National University

TICEAS-2681
A Study on the ECQV Implicit Certificate
Jeong-Gi Seong | Hanbat National University
Eun-Gi Kim | Hanbat National University

TICEAS-2710
An Efficient Manager for Decoded Picture Buffer Based on Scalable High-Efficiency Video Coding (SHVC)
Chou-Chen Wang | I-Shou University
Hung-Ming Hung | I-Shou University
Yen-Tzu Liao | I-Shou University
Mechanical Engineering

Wednesday, February 22, 2017    13:00-14:30    Anson II

Session Chair: Prof. H. H. Kwon

TICEAS-2653
Experimental Study on the Effect of Using Blends of Diesel and Palm Strearin Biodiesel as Fuels in a Diesel Engine
Bijan Kumar Mandal | Indian Institute of Engineering Science and Technology, Shibpur
Ambarish Datta | Indian Institute of Engineering Science and Technology, Shibpur

TICEAS-2769
The Optimization of Cam Ring Gear Parts using Hot-Cold Forging Technology of Small Bar
D. H. Park | Gyeongbuk Hybrid Technology Institute
Y. H. Tak | Gyeongbuk Hybrid Technology Institute
K. S. Na | Gyeongbuk Hybrid Technology Institute
H. H. Kwon | Daejin University

TICEAS-2729
A Numerical Study on Miscible Viscoelastic Fingering Instability
Hosna Shokri | Shahrood University of Technology
Mohammad Hassan Kayhani | Shahrood University of Technology
Mahmood Norouzi | Shahrood University of Technology

TICEAS-2757
Effects of Elasticity Number on the Heated Flow of Viscoelastic Fluid inside Planar Channel with a Symmetric Abrupt Expansion
Amin Shahbani Zahiri | University of Birjand
Hassan Hassanzadeh | University of Birjand
Mohammad Mohsen Shahmardan | Shahrood University of Technology
Mahmood Norouzi | Shahrood University of Technology

TICEAS-2708
Nonlinear Vibration and Frequency Response Analysis of Curved Double-Walled Nanotube Conveying Fluid
Vahid Mohammadhashemi | Shahrood University of Technology
Amir Jalali | Shahrood University of Technology
ICEASS-2103
Effects of Abusive Supervision on Organizational Citizenship Behavior and Job Engagement
Han Na Kim | Sungkyunkwan University  
Yong Won Suh | Sungkyunkwan University  
Yeong Hyun Hong | Sungkyunkwan University

ICEASS-2105
The Effectiveness of Negative Feedback: Differential Effects of Constructive and Destructive Criticism
Chanwoo Cho | Sungkyunkwan University  
Yongwon Suh | Sungkyunkwan University

ICEASS-2109
Effect of Ego-Threatening and Non Ego-Threatening Abusive Supervision on Creativity
Mona Heejung Lee | Sungkyunkwan University  
Yongwon Suh | Sungkyunkwan University

ICEASS-2120
The Interaction Effects of Subordinate’s Cognition- and Affect-Based Trust to Leader on Prosocial Voice
Jungwhan Yoo | Sungkyunkwan University  
Yongwon Suh | Sungkyunkwan University

ICEASS-2096
Conceptual Expansion of Work-Family Balance: Interaction Effect of Employee’s Fit and Partner’s Fit
Yeong Hyun Hong | Sungkyunkwan University  
Jong Kyung Chae | Sungkyunkwan University  
Yongwon Suh | Sungkyunkwan University
ICEASS-2136
The Effect of Workplace Spirituality on Creativity
Seohyeon Hwang | Sungkyunkwan University
Yongwon Suh | Sungkyunkwan University
Biological Engineering

Wednesday, February 22, 2017    14:45-16:15    Anson I

Session Chair: Prof. Santanu Kumar Karmakar

ICBENS-873
Saccharification of Alkaline Treated Rice Straw by Subsequently Hydrolysis of Xylanolytic-Cellulolytic Enzymes for Xyooligosaccharides and Glucose Production
Kanok Wongratpananay | King Mongkuts University of Technology Thonburi
Junjarus Sermathamswadi | Suan Dusit Rajabhat University
Thidarat Nimchua | National Center for Genetic Engineering and Biotechnology
Rattiya Waenokul | King Mongkuts University of Technology Thonburi
Patthra Pason | King Mongkuts University of Technology Thonburi
Chakrit Tachaapaikoon | King Mongkuts University of Technology Thonburi
Akihiko Kosugi | Japan International Research Center for Agricultural Sciences
Khanok Ratanakhanokchai | King Mongkuts University of Technology Thonburi

ICBENS-879
Exploration of Gene Expression Data in Korean Hanwoo Cattle to Identify and Predict Novel Genes
Kelsey Caetano-Anolles | Seoul National University
Kwondo Kim | Seoul National University
Heebal Kim | Seoul National University

ICBENS-990
Simultaneous Imaging of Bright-Field and Hologram Images for 3D Observation of Cell Dynamics
Hyeokjun Byeon | Pohang University of Science and Technology
Sang Joon Lee | Pohang University of Science and Technology

ICBENS-993
A Comparative Study of Anaerobic Bioconversion of Macroalgal Ulva Biomass in Continuous Versus Sequencing Batch Modes
Heejung Jung | Ulsan National Institute of Science and Technology (UNIST)
Jaai Kim | Ulsan National Institute of Science and Technology (UNIST)
Changsoo Lee | Ulsan National Institute of Science and Technology (UNIST)
TICEAS-2785
Development and Validation of Finite Element Model of a Human Cervical Spine under Physiologic Loads
Shambo Bhattacharya | IIEST Shibpur
Jayanta Kumar Biswas | IIEST Shibpur
Partha Sarathi Banerjee | CMERI Durgapur
Santanu Kumar Karmakar | IIEST Shibpur
Chemical Engineering / Material Science and Engineering

Wednesday, February 22, 2017  14:45-16:15  Anson II

Session Chair: Prof. Azusa N. Hattori

TICEAS-2675
Enhancement of the Resistance Changing Rate in the Three Dimensionally Size Controlled VO$_2$ Nanowall Wire
Azusa N. Hattori ︱ Osaka University
Satoshi Tsubota ︱ Osaka University
Hidekazu Tanaka ︱ Osaka University

TICEAS-2752
Optimization of Extraction Conditions for Total Phenolic Content and Antioxidant Activities from Auricularia Polytricha
Maradee Phongpipatpong ︱ King Mongkuts Institute of Technology Ladkrabang
Patumporn Manowan ︱ King Mongkuts Institute of Technology Ladkrabang
Ladda Wattanasiritham ︱ Institute of Food Research and Product Development

TICEAS-2687
Evaluation of Fire-Fighter’s Cardiorespiratory State Based on Frequency Analysis of Heart Rate
Yushi Ito ︱ Nohmi Bosai Ltd.
Yasushi Oka ︱ Yokohama National University
Yukihisa Kuriyama ︱ The University of Tokyo

TICEAS-2751
Synthesis of Pentaerythritol Fatty Acid Ester as Biolubricant
Thanaboon Pansuwan ︱ King Mongkuts Institute of Technology Ladkrabang
Prakob Kitchaiya ︱ King Mongkuts Institute of Technology Ladkrabang
TICEAS-2770
Layer-by-Layer Assembly of Graphene-Polymer Nanocomposites for Multifunctional Ultrathin Films
Yong Tae Park | Myongji University
Dukhyun Choi | Kyung Hee University
Sangmin Lee | Chung-Ang University
Dongseob Kim | KITECH
Woonbong Hwang | POSTECH
Psychology (2)

Wednesday, February 22, 2017  14:45-16:15  Anson IV

Session Chair: Prof. Yongwon Suh

ICEASS-1998
Relationship between Perceived Competence and Subjective Career Success on Middle Level Career Employees
Fitri Arlinkasari | YARSI University
Sari Zakiah Akmal | YARSI University
Laila Fajriyah Naiko Rasaki | YARSI University

ICEASS-2143
Career Orientation Scale: Validity and Reliability Test with Confirmatory Factor Analysis
Sari Zakiah Akmal | YARSI University
Fitri Arlinkasari | YARSI University
Intan Andryani | YARSI University

ICEASS-2119
Time Aversion in Helping Revisited: Moral Identity Does Not Discriminate ‘Small Helping’ from ‘Big Helping’ in Korea
Seun Sung | Sungkyunkwan University
Ha-Eun Park | Sungkyunkwan University
Hoon-Seok Choi | Sungkyunkwan University

ICEASS-2124
Feeling How You Would Feel vs. Feeling How I would Feel: Evidence for Other-Focused (but Not for Self-Focused) Perspective-Taking
Seon Yeong Kim | Sungkyunkwan University
Junghyun Park | Sungkyunkwan University
Hoon-Seok Choi | Sungkyunkwan University
ICEASS-2131
Impact of Self- and Group-Affirmation on Response to Ingroup and Outgroup Ostracism
Injung Ko | Sungkyunkwan University
John M. Levine | University of Pittsburgh
Hoon-Seok Choi | Sungkyunkwan University

ICEASS-29928
The Symbiosis between Collectivistic Values and Independent Selfhood: A New Reality for Flourishing in East Asia
Jeewon Hyun | Sungkyunkwan University
Hoon-Seok Choi | Sungkyunkwan University
Biomedical Engineering / Natural Science

Wednesday, February 22, 2017  16:30-18:00  Anson I

Session Chair: Prof. Qingwen Ni

TICEAS-2651
Assessment of Baboon Cortical Bone Microstructures and Related Mechanical Properties
Qingwen Ni | Texas A&M International University
Daniel P. Nicolella | Southwest Research Institute

TICEAS-2678
Particles Trajectories Simulation of Hydrodynamic Focusing in Circular and Rectangular Polymer Microflow Cytometer
Norasyikin Selamat | National University of Malaysia
Muhammad Syafiq Rahim | National University of Malaysia
Abang Annuar Ehsan | National University of Malaysia

TICEAS-2690
Simulation of 3D Hydrodynamic Focusing in Microfluidic Rectangular Shape Microflow Cytometer for Micro Size Cell Application
Muhammad Syafiq Rahim | National University of Malaysia
Norasyikin Selamat | National University of Malaysia
Jumril Yunas | National University of Malaysia
Abang Annuar Ehsan | National University of Malaysia

TICEAS-2649
A Numerical Study on Non-Newtonian Pulsatile Blood Flow Through Artery with Stenosis Using Fluid-Solid Interaction Approach
Mahmood Norouzi | Shahrood University of Technology
Danial Cheraghali | Shahrood University of Technology

ICBENS-876
Influences of Mangiferin on Lipid Metabolism Pathway in High Fat Diet- And Streptozotocin-Induced Model in Rat
Ching-Wen Chang | Mackay Junior College of Medicine, Nursing and Management & China Medical University
Ying-Fang Chen | Da-Yeh University
Yu-Chin Lin | Da-Yeh University
ICBENS-996
The Measurement of the Water Vapor in the Atmosphere Using INACORS-BIG, for Weather Forecasts
Syachrul Arief | Hokkaido University
Kosuke Heki | Hokkaido University
Electrical & Electronic Engineering (1)

Wednesday, February 22, 2017  16:30-18:00  Anson II

Session Chair: Prof. Seokho Yoon

TICEAS-2673
A Wearable Multimodal Mental Management System with Improved Data Transmission Circuits
Yuan-Shing Chang | I-Shou University
Ke-Nung Huang | I-Shou University
Chou-Chen Wang | I-Shou University

TICEAS-2695
Approximate Analysis of Transient Heat Conduction in the Rotor of an Induction Motor during Auto-Transformer Starting
Debasis Sarkar | IIEST
Nirmal Kr. Bhattacharya | JU
Ashok Kr. Naskar | Techno India-Batanagar

TICEAS-2776
A Novel Direct Acquisition Scheme for Precision Code Acquisition
Keunhong Chae | Sungkyunkwan University
Seokho Yoon | Sungkyunkwan University
ICEASS-2012
A Comparison of Asynchronous and Synchronous Feedback on EFL Syntactic Complexity
Hui-Fang Shang | I-Shou University

ICEASS-2132
The Need Analysis for Establishing Warmhearted Community of Early Childhood Education
Yuna Lee | Changshin University
Sangsoo Lee | Pusan National University

ICEASS-2137
The Analysis of Research Trends on the Early Childhood Empathy Education (Centering on the Scholarly Journal Papers)
Ja Yun Choy | Korea National University of Education
Suk Ja Kim | Korea National University of Education

ICEASS-2147
An Analysis of Research Trends on Early Childhood Arts Education for Arts Convergence Education
Kyoung Hye Lee | Korea National University of Education
Suk Ja Kim | Korea National University of Education

ICEASS-2129
Study on Working Mother Illustrated in Children’s Picture Book “Mom, Do You Think about Me While at Work?”
Ga Gyeong Lee | Korea National University of Education
Suk Ja Kim | Korea National University of Education
ICEASS-29964
Mediating Effects of Motives for Using SNS in the Relationship of Basic Psychological Needs and SNS Addictive Tendencies among Korean High School Students
Won-Hee Kim | Pusan National University
Yun-Hi Cho | Pusan National University
Dong Hyung Lee | Pusan National University

ICEASS-29946
Identification Factors of Influence Society's Interest in Traditional Drugs with Binarry Logistic Regression Analysis
Welly Nur Armawati | Islamic University of Indonesia
Aulia Agustia Yuniar | Islamic University of Indonesia
Panji Satrio Kurniawan | Islamic University of Indonesia
Akhmad Fauzy | Islamic University of Indonesia
Electrical & Electronic Engineering (2)

Thursday, February 23, 2017 08:45-10:15 Anson I

Session Chair: Mr. Do-Won Kim

TICEAS-2682
A Potentiostat circuit using Correlated Double Sampling Technique
Nishida Yoshio | IME

TICEAS-2699
A 92.2% Peak Efficiency 3.3V to 20V Boost Converter for Brain Cortex Stimulation Application
Darmayuda I Made | Institute of Microelectronics
Lei Yao | Institute of Microelectronics

TICEAS-2707
A 4×25 Gb/s, MZI based Silicon Photonic Transceiver for 100 Gb/s AOC in 40nm CMOS
Kumarasamy Raja | IME

TICEAS-2667
RF Loss Optimization for Silicon Photonics Mach-Zehnder Modulator
Do-Won Kim | Institute of Microelectronics

TICEAS-2703
An Acoustic Wave Resonant Sensor for Turbine Oil Quality Monitoring
Qingyun Xie | Institute of Microelectronics, A*STAR
Chengliang Sun | Institute of Microelectronics, A*STAR
Nan Wang | Institute of Microelectronics, A*STAR
Andrew B Randles | Institute of Microelectronics, A*STAR
Pushpapraj Singh | Institute of Microelectronics, A*STAR
Xiaolin Zhang | Institute of Microelectronics, A*STAR
Yuandong Gu | Institute of Microelectronics, A*STAR
Finance

Thursday, February 23, 2017 08:45-10:15 Anson II

Session Chair: Prof. Joon Ho Hwang

APCBM-291
Panic, Slash, or Crash- Do Black Swans Flap in Stock Markets?
Dar-Hsin Chen | National Taipei University
Han-Lin Huang | National Taipei University

APCBM-265
The Relationships Study between Basel III Liquidity Risk Measures and the Volatility of Stock Prices
Sheng-Jung Li | Shu-Te University
Ting-Yu Hsu | Shu-Te University
Chi-yu Hsu | Shu-Te University

APCBM-269
Stock Price Manipulation through Spreading False Rumor
JaeSung Lee | Diquest
Se-Hak Chun | Seoul National University of Science and Technology
Joon Ho Hwang | Korea University

APCBM-230
The Impact of Microfinance on Social Capital and Women Empowerment in India
Shiv Prasad | Maharshi Dayanand Saraswati University
Ashish Pareek | Maharshi Dayanand Saraswati University
Deepika Upadhyaya | Maharshi Dayanand Saraswati University
Accounting / Business / Economy / Marketing

Thursday, February 23, 2017           10:30-12:00           Anson I

Session Chair: Prof. Sung-So Yoon

APCBM-233
Financial Crisis, Financial Flexibility, and the Net Tax Benefit of Debt: Korean Evidence
Sung-So Yoon | Korea University Business School
Jong Kwon Ko | Hanyang University

APCBM-228
The Impact of Financial Performance on Different Corporate Social Responsibility Activities in Tourism
Yu Shan Wang | National Kaohsiung First University of Science and Technology
Yi-Hsi Lee | National Kaohsiung First University of Science and Technology
Yuan-Yu Chen | National Kaohsiung First University of Science and Technology

APCBM-240
Patient Recovery Flexibility in Healthcare Delivery System: Research Proposition and Implications
Pradeep Kumar | IIM Ranchi
Shibashish Chakraborty | IIM Ranchi
Sasadhar Bera | IIM Ranchi

ICEASS-2208
Empowerment of Islamic Business Ethics in Supporting the Achievement of Vision Indonesia 2030
Mohammad Indra Bangsawan | University of Muhammadiyah Surakarta
ICEASS-2127
An Empirical Study of Export Market Orientation in Korea
Insik Jeong | Korea University
Eunmi Kim | Korea University

APCBM-251
A Comparative Study of the Service Industry in Japan and China
Mayila Abulimiti | Aichi Institute of Technology
Yang Wang | Aichi Institute of Technology
Wenzhen Shi | Aichi Institute of Technology
Kondoh Takashi | Aichi Institute of Technology

APCBM-248
Study on Confucian Cooperation Consciousness Model
Wenzhen Shi | Aichi Institute of Technology
Yang Wang | Aichi Institute of Technology
Abulimiti Mayila | Aichi Institute of Technology
Takasi Kondoh | Aichi Institute of Technology

APCBM-245
A Study on the EC Business, T-Mall and Jingdong-Mall in China
Bo Zhang | Aichi Institute of Technology
Takashi Kondoh | Aichi Institute of Technology

APCBM-242
A Study on the Problem Consciousness of Quality Management in China
Yang Wang | Aichi Institute of Technology
Abulimiti Mayila | Aichi Institute of Technology
Wenzhen Shi | Aichi Institute of Technology
Takashi Kondoh | Aichi Institute of Technology
APCBM-271
A Chance Constraint Based Multi-Objective Stochastic Model for Locating Emergency Shelters
Ashish Trivedi | Indian Institute of Management Rohtak
Amol Singh | Indian Institute of Management Rohtak
Narendra Tiwari | UP State Disaster Management Authority Lucknow

ICEASS-30035
Parenting Style as a Predictor of Early Childhood Smartphone Addiction
Cheol Park | Korea University
Ye Rang Park | University of Wisconsin
Civil Engineering / Environmental Engineering

Thursday, February 23, 2017  13:00-14:30  Anson I

Session Chair: Prof. Colin S Chen

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**TICEAS-2688**  
Investigation of Shear Design Expressions of Large-Diameter Concrete Filled Tube (CFT)  
Seo-Haeng Lee | *Seoul National University of Science & Technology*  
Junghan Yoo | *Seoul National University of Science & Technology*  
Charles Roeder | *University of Washington*  
Dawn Lehman | *University of Washington*

**TICEAS-2700**  
Cyclic Loading Tests for Beam to Column Weak-Axis Connections of Small-Size Steel Structures  
Woo-Young Lim | *Korea Institute of Civil Engineering and Building Technology*  
Young-Chan You | *Korea Institute of Civil Engineering and Building Technology*

**TICEAS-2706**  
Evaluation of Colored Pavement on Residential Streets  
Tetsuya Nishiura | *Okayama University*  
Seiji Hashimoto | *Okayama University*

**TICEAS-2654**  
Sorption and Desorption of Explosives in Soils and Sediments  
Colin S Chen | *National Kaohsiung Normal University*  
Chien-Jung Tien | *National Kaohsiung Normal University*  
Shih-Hsi Chen | *National Kaohsiung Normal University*

**TICEAS-2715**  
Relation between Willingness for Out-of-the-home Leisure  
Seiji Hashimoto | *Okayama University*  
Naoya Atsumi | *Kobe City*  
Syuji Yoshiki | *Fukuoka University*
ICEASS- 2084
Why Religion Matters: The Influence of Buddhism on the Perception of Thai Transgender (Male to Female) Sex Workers
Witchayanee Ocha | Rangsit University

ICEASS- 2112
Exploring the Diversification Discourse of Design Leadership by Attribution Theory: Confucian Culture and Exhibition Design
Han Yun Chang | National Taipei University of Technology
Wen-Yin Chen | National Taipei University of Technology

ICEASS- 2118
Exploring Picnic Experience of TWITs Using an Act Module
Yan-Jyun Cheng | National Taipei University of Technology
You-Ting Lin | National Taipei University of Technology
En-Ting Huang | National Taipei University of Technology
Soledad Falconi | National Taipei University of Technology
Wen-Dih Yeh | National Taipei University of Technology

ICEASS- 2189
Exploring Taiwanese Strategies for Developing Creative Cities: Using Gastronomy in Taitung City as an Example
Po-Wen Huang | National Taipei University of Technology
Kuang-Hui Peng | National Taipei University of Technology
Kemo Sima | National Taipei University of Technology

ICEASS-2209
Structure, Hierarchy and Kin. An Anthropological Ethnography of the Old Market in Puerto Princesa, Palawan, Philippines
Bryan Rich | Palawan State University
ICEASS-29985
The Influence of Modernization in Shifting Values of Yogyakarta Society
Istiadatul Khusniyah | Islamic University of Indonesia
Shera Budiarti | Islamic University of Indonesia
Fundamental and Applied Sciences

Thursday, February 23, 2017 14:45-16:15 Anson I

Session Chair: Prof. Darwish Al-Azmi

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TICEAS-2660
Effect of the oil/water viscosity ratio on spontaneous imbibition in tight oil: A theoretical and experimental study
Zhan Meng | China University of Petroleum-Beijing
Shenghai Yang | China University of Petroleum-Beijing
Lu Wang | China University of Petroleum-Beijing
Hao Lei | China University of Petroleum-Beijing
Quanzheng Ma | China University of Petroleum-Beijing
Kun Qian | China University of Petroleum-Beijing

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TICEAS-2663
Study on the Law of Elastic Recovery of Tight Reservoir and Its Influence Factors
Zhan Meng | China University of Petroleum-Beijing
Shenghai Yang | China University of Petroleum-Beijing
Lu Wang | China University of Petroleum-Beijing
Quanzheng Ma | China University of Petroleum-Beijing
Kun Qian | China University of Petroleum-Beijing

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TICEAS-2664
Physicochemical Characterization of Produced Oil, Brine, and ERock in Miscible CO₂ Water-Alternative-Gas Injection Processes
Zhan Meng | China University of Petroleum-Beijing
Shenghai Yang | China University of Petroleum-Beijing
Lu Wang | China University of Petroleum-Beijing
Kun Qian | China University of Petroleum-Beijing
Hao Lei | China University of Petroleum-Beijing
TICEAS-2668
Influencing Factors of the Oil Displaced Efficiency by Water for High Pour-Point Oil Reservoirs
Zhan Meng | China University of Petroleum-Beijing
Shenglai Yang | China University of Petroleum-Beijing
Lu Wang | China University of Petroleum-Beijing
Kun Qain | China University of Petroleum-Beijing
Quanzheng Ma | China University of Petroleum-Beijing

TICEAS-2694
Derivation of the Fifth Rank Tensor for bulk Zincblende Using Group Theory and its Relation with Fourth Order Nonlinear Susceptibility
Bayti Nurjanati | Bogor Agricultural University
Husin Alatas | Bogor Agricultural University
Hendradi Hardhienata | Bogor Agricultural University

TICEAS-2711
The Advantage of Using Radiation Probes Equipped with Two Detectors in Continuous Environmental Monitoring
Darwish Al-Azmi | Public Authority for Applied Education and Training (PAAET)
Education (2)

Thursday, February 23, 2017  14:45-16:15  Anson II

Session Chair: Prof. José Antonio Anaya--Roa

ICEASS-2101
University Students’ Approaches to Studying in Face-to-Face and Blended Learning Environments: A Comparative Study
Betsy Ng  |  Nanyang Technological University
Seng Chee Tan  |  Nanyang Technological University
Choon Lang Quek  |  Nanyang Technological University
Peter Looker  |  Nanyang Technological University
Jaime Koh  |  Nanyang Technological University

ICEASS-2110
Self-Regulated Learning of Architectural Design Professionals in Taiwan
Hui Chun Chuang  |  National Taipei University of Technology

ICEASS-2099
The Curriculum in an Agricultural University: Time to Change
José Antonio Anaya--Roa  |  Universidad Autonoma Chapingo
Alejandra Romahn  |  Colegio Euro Texcoco

ICEASS-29933
Analysis of the Continuity in the Science Education Curricula between Kindergarten and Elementary School in South Korea
Hyunae Kim  |  Seoul National University

ICEASS-29956
Mathematics Test, Numerical Task and Mathematics Course as Determinants of Anxiety toward Math on College Students
Arturo, García-Santillán  |  Universidad Cristóbal Colón
Elena, Moreno-García  |  Universidad Cristóbal Colón
Milka, Escalera-Chávez  |  Universidad Autónoma de San Luis Potosí
Arturo, Córdova-Rangel  |  Universidad Politécnica de Aguascalientes. Ags
Jesica, Ramos-Hernández  |  Universidad Cristóbal Colón
Abilities Present in High School Students Regarding Financial Mathematics Topics, as an Element of Financial Education
Teresa, Zamora-Lobato | Universidad de Xalapa
José S., López Morales | Instituto Tecnológico de Veracruz
José G., Vargas-Hernández | Universidad de Guadalajara
Jesica J., Ramos-Hernández | Universidad Cristóbal Colón
María Teresa, Guevara Uscanga | Universidad Cristóbal Colón
Felipe, Pozos Texon | Universidad Cristóbal Colón

Creating a Pearl Pathway: Updating Preparations for Chinese Students toward More Effective Global Study and Career Interactions
Yin Zhang | University of Washington
Linda Williams | Changzhou Institute of Light Industry & Technology
ICEASS-2095
A Comparison of Emotional Crisis Response via Tweets in Germany, USA, and South Korea - A Study of VW Diesel Emissions Scandal -
SunHa Yeo | Ewha Womans University
Hye-Young Park | Sogang University
Hee-Won Cha | Ewha Womans University

ICEASS-29941
Intermedia Agenda-Setting Influences on Source between New Media and Traditional Media: A Study of the 2010 Sudanese Presidential Elections
Saifeldin Hassan Elawad | Omdurman Islamic University

ICEASS-2145
Applying the Concept of Public Participation to Examine Taiwan’s Private Participation in Infrastructure System
Po-Wen Huang | National Taipei University of Technology
Kuang-Hui Peng | National Taipei University of Technology
Kemo Sima | National Taipei University of Technology

ICEASS-2122
Donald Trump, His Media Relations and Future Impact on US Politics
Marian Ehret | Stamford International University
Ricardo Lucio Ortiz | Stamford International University

ICEASS-30012
Education of Determinants of Hyperthyroidism in Women of Reproductive Age Based on Authentic Assessment Model
Mutalazimah | Universitas Muhammadiyah Surakarta
Setya Asyanti | Universitas Muhammadiyah Surakarta
ICEASS-2040
Borders and Cross-Border Integration in Post-Conflict Environments
Tamar Arieli ︱ Tel Hai College
Education (3)

Thursday, February 23, 2017  16:30-18:00  Anson II

Session Chair: Prof. Azusa Katsumata

ICEASS- 2181
Teachers Perspective on Barriers to Use Information and Communication Technology (ICT) in the Classrooms
Prema Basargekar | K J Somaiya Institute of Management Studies and Research
Chandan Singhavi | K J Somaiya Institute of Management Studies and Research

ICEASS-2183
Perceived Proficiency of Teacher in using ICT in the Classrooms: Impact of Non-Manipulative and Manipulative Teachers’ Factors
Chandan Singhavi | K J Somaiya Institute of Management Studies and Research
Prema Basargekar | K J Somaiya Institute of Management Studies and Research

ICEASS-29948
Developing a Survey for Measuring Students’ Conceptions of Learning Science by Augmented Reality
Kun-Hung Cheng | National Chiao Tung University

ICEASS-29926
Study of Cooperative Career Education between Universities and Companies
Azusa Katsumata | Seijo University

ICEASS-1999
Occupational Interest Schedule (OIS): Transformation in Management Education
Sunil Kumar | Alliance University

ICEASS-29954
Building Communities through Creative Non-Fiction Writing
Hiroyo Sugimoto | Tokyo City University
Yumi Yahagi | Tokyo City University
Poster Sessions (1)

Education (1) / Psychology / Biological Engineering/
Chemical Engineering/ Electrical & Electronic Engineering/
Environmental Engineering / Fundamental & Applied Engineering (1)

Wednesday, February 22, 2017 09:00-10:00 Anson IV

ICEASS-2117
Impulsivity, Alcohol Expectancies, and Problem Drinking among College Students: A Latent Class Analysis
Kyeongwoo Park | Sungkyunkwan University
Eunsol Lee | Sungkyunkwan University
Hyein Chang | Sungkyunkwan University

ICEASS-2123
The Role of Multidimensional Perfectionism in Predicting Bulimic Symptoms
Sujin Lee | Sungkyunkwan University
Yejin Kim | Sungkyunkwan University
Hyein Chang | Sungkyunkwan University

ICEASS-2133
The Effects of Rumination on Depression: Facial Emotion Recognition and Interpersonal Problem Solving as Sequential Mediators
Euwon Joh | Sungkyunkwan University
Hongjlee Sung | Sungkyunkwan University
Hyein Chang | Sungkyunkwan University
Suyun Lee | Sungkyunkwan University
ICEASS-2139
The Performance of Two Parallel Analyses Methods and Comparison Data Method in Estimating the Number of Factors
Sang-Don Lim | Sungkyunkwan University
Seongchang Jeong | Sungkyunkwan University
Chang-Hun Han | Sungkyunkwan University

ICEASS-2142
Daily Emotional Experience and Self-Esteem, and Their Relations to Depression and Neuroticism in College Students
Seul Lee | Sungkyunkwan University
Songyi Park | Sungkyunkwan University
Seungmin Jahng | Sungkyunkwan University

ICEASS-2161
Bias and Standard Errors in Traditional Norming and Model-Based Norming
Yuri Jeong | Sungkyunkwan University
Taewha Kim | Sungkyunkwan University
Seungmin Jahng | Sungkyunkwan University

ICEASS-2100
Does Attentional Shift by Dual Task Influence Visual Short-Term Memory?
Sori Kim | Sungkyunkwan University
Min-Suk Kang | Sungkyunkwan University

ICEASS-29950
The Study on the Effect Factors on Time to Degree of College Students in South Korea
Sunju Park | Chungnam National University
Soojung Park | Chungnam National University
Hyeyoung Lee | Chungnam National University

TICEAS-2613
A Reliable Shortest-Distance Method to Analyze Motor’s Current Waveforms for Quality Control
Yun-Chi Yeh | Chien Hsin University of Science and Technology
Che Wun Chiou | Chien Hsin University of Science and Technology
Chong-Wei Jhou | Chien Hsin University of Science and Technology
Tsui-Yao Chu | National Chung Shan Institute of Science and Technology
TICEAS-2743
Tracking Control with Obstacle Avoidance of Autonomous Mobile Robot
Bong Seok Park | Kongju National University
Chang-Ho Hyun | Kongju National University

TICEAS-2762
A Moving Object Extraction based on Simplified Background Image Updating Method
Won-Ho Kim | Kongju National University
Nuwan Sanjeewa | Kongju National University

TICEAS-2780
Two-Stage Security Constrained Unit Commitment method for Microgrids
Taehyun Kim | Pusan National University
Hansol Shin | Pusan National University
Hyongtae Kim | Pusan National University
Seongwoo Lee | Pusan National University
Changhwa Lee | Pusan National University
Wook Kim | Pusan National University

TICEAS-2781
A Study on Optimal Generator Maintenance Scheduling considering Equivalent Operating Hours and Transmission Constraints
Hansol Shin | Pusan National University
Taehyun Kim | Pusan National University
Hyongtae Kim | Pusan National University
Seongwoo Lee | Pusan National University
Changhwa Lee | Pusan National University
Gyeongtae Woo | Pusan National University
Wook Kim | Pusan National University

TICEAS-2806
Tapped-Inductor Boost Converter Steady-State Analysis in Renewable Energy Systems
Minh Thao Nguyen | Soongsil University
Tran Viet Thang | Soongsil University
Joung-Hu Park | Soongsil University
TICEAS-2655
Identifying the Cause of Acute Toxicity of Effluents from the Wafer Packaging and Testing Industry to Daphnia Magna
Chien-Jung Tien | National Kaohsiung Normal University
Colin S Chen | National Kaohsiung Normal University
Ji-Mu Lyu | National Kaohsiung Normal University
Shu-Chun Lin | National Kaohsiung Normal University

ICBENS-960
Plasmid DNA-Loaded Bulking Agent System for the Treatment of Vocal Fold Paralysis
Mi Ri Park | Hannam University
Tae Ho Kim | Hannam University
Seong Keun Kwon | Seoul National University Hospital
Se Heang Oh | Dankook University
Jin Ho Lee | Hannam University

ICBENS-994
Continuous Lactic Acid Monitoring System for Non-invasive Assessment of Anaerobic Metabolism
Hiroyuki Kudo | Meiji University
Keigo Enomoto | Meiji University
Nozomi Kawai | Meiji University

ICBENS-1098
Production of Polyphenolic Compounds from Lipid Extracted Microalgae Using Ultrasonic-Assisted Extraction
Jinwoo Kim | Sunmoon University

TICEAS-2637
Application of Novel Conjugated Polymers with Fluorinated Quinoxanline
Youngeup Jin | Pukyong National University
Won Moon Lee | Pukyong National University
Dae Gil Jeon | SilverStar-Chemical Company
Seong Soo Park | Pukyong National University

TICEAS-2679
Fabrication of Stimuli-Responsive Hydrogels for Controlled Drug Delivery
Ho-Joong Kim | Chosun University
Bo Ram Kim | Chosun University
TICEAS-2742
Pyrolyzed Catecholamine-induced Carbon Nanowires for Highly Capacitive Electrochemical Electrodes
Wonoh Lee | Chonnam National University

TICEAS-2734
Electrochemical Characteristics of the Vanadium Electrolyte Composed of Mixed Acid and Organic Additive for Vanadium Redox Flow Battery
Gabjin Hwang | Hoseo University

TICEAS-2763
Polymerization of olefin with SiO2-MgCl2 bisupported single-site catalyst
Young Soo Ko | Kongju National University

TICEAS-2753
Effect of styrene-maleic anhydride grafted PP copolymer on the mixing properties of PP/KF composites
Sun Gyu Ku | Kongju National University
Youn Cheol Kim | Kongju National University

TICEAS-2766
Exploring Multidisciplinary Research Themes in Responsive to Negative Impacts of Emerging Technologies
Yongtae Park | Seoul National University
Heeyeul Kwon | Seoul National University
Haejin Jo | Seoul National University
Poster Sessions (2)

Business/ Education (2) / Management/ Society

Thursday, February 23, 2017 09:00-10:00 Anson IV

APCBM-241
A Mediating Effects of Resilience among Entrepreneurship and Challenge Taking Behavior and Career Preparation
Daesu Kim | Yeungnam University
Junghyun Yoon | POSTECH
Dongshik Lee | Ulsan University

APCBM-247
An Empirical Study on the Effects of Different Business Exchange Activation on Convergence Performance in SMEs
Jae Kang Lee | Yeungnam University
Choong Hyun Kim | Yeungnam University
Sung Rac Son | Yeungnam University

ICEASS-2051
Effect of Gamification on Health Promotion
Hiroaki Uechi | Yamaguchi University

ICEASS-2058
Deriving the Best Learning Path for Freestyle Swimming from the Rule-Space Model
Ku-Chen Huang | Tamkang University
Yung-Hui Chen | Lunghwa University of Science and Technology
Chun-Hsiung Tseng | Nanhua University
Tung-Kuei Chiu | National Chi Nan University
ICEASS-2097
Research Trends and Implication of “Meaning of Life”: The Middle Age
Ha Eun Yoon | Pusan National University
Soon Hwa Yoo | Pusan National University
Suk-Woo Kim | Pusan National University

ICEASS-29934
The longitudinal Study of Korean Adolescents’ Self-Directed Learning Ability
Jungmin Lee | Chungnam National University
Hyewon Chung | Chungnam National University

ICEASS-29938
Latent Class Analysis of Elementary School Students using Academic Achievement and Participation and Testing Predictors
Seunghiey Baek | Chungnam National University
Hyewon Chung | Chungnam National University

ICEASS-29949
To be Global Citizen of Korean ‘Yun Ch’i-ho(尹致昊)’ : Focusing on the Experience of Studying Abroad in China
Jin-Kyoung Min | Chungnam National University
Youngmi Park | Chungnam National University
Hyun Jung Woo | Chungnam National University
Kwang Man Choi | Chungnam National University

ICEASS-30005
Research Trends and Implication of “Meaning of Life”: The Old Age
Ye Ji Sim | Pusan National University
Soon Hwa Yoo | Pusan National University

ICEASS-29998
The Influence of Emotional Intelligence and Self-Efficacy of College Students on the Subjective Well-Being
YunSil Son | Pusan National University
JungSub Kim | Pusan National University

ICEASS-29999
The Effects of Strengths Use and Meaning in Life on the Self-Efficacy
Woori Kim | Pusan National University
JungSub Kim | Pusan National University
ICEASS-30001
The Relationships between Korean Teachers’ Burnout and Conceptions of Assessment
Minsun Kim | Pusan National University
JungSub Kim | Pusan National University
Hoyyong Kim | Pusan National University

ICEASS-30010
The Effect of Vice-Principal’s Leadership on Teacher’s School Satisfaction
Dong-Sun Kim | Pusan National University
Min-Jeong Shin | Pusan National University
Chang-Nam Hong | Pusan National University

ICEASS-29978
Relationship between Ambivalence over Emotional Expressiveness and Interpersonal Problems of University Students
Chaeyoung Shin | Pusan National University
Soohwa Yoo | Pusan National University

ICEASS-2091
Relationship between Self-Consciousness and Negative Cognitive Emotion Regulation
Jinyoung An | Pusan National University
Soonhwa Yoo | Pusan National University

ICEASS-30016
A Ecological Study for Constructing Collaborative Governance in School
Danam Kwon | Pusan National University
Daehyun Kim | Pusan National University

ICEASS-30019
A Study of Korean Culture through Cultural Shock of Indonesian Muslim Students
Min Hur | Chungnam National University

ICEASS-30025
The Understanding of the Educational Meaning about the ‘Yoo-Su’ Children's Out-Of-School Lives in China’s Rural Region
Suman Jia | Chungnam National University

APCBM-257
Health Management Regarding Tracking Phenomenon to Adult Obesity
Katsunori Fujii | Aichi Institute of Technology
ICEASS-29943
Friendship forever? Relationships among Friendship, Trust and Brand Loyalty - A Study of Facebook Fan Pages of Starbucks
Wen-Jung Chang | Delin Institute of Technology
Shu-Hsien Liao | Tamkang University
Yu-Chun Chung | Tamkang University

ICEASS-30028
The Effects of Meaning in Life and Work Volition of College Students on the Satisfaction in Life
Hyo Jin Shim | Pusan National University
Jung Sub Kim | Pusan National University
HoyYoug Kim | Pusan National University

APCBM-246
The Operation Improvement in Service Organization with the International Standard
Krisda Pisonyabuth | Ramkhamhaeng University
Poster Sessions (3)

Civil Engineering/ Material Science and Engineering / Natural Science/Fundamental & Applied Engineering (2) / Computing Science & IT Engineering/Mechanical Engineering/ Electrical & Electronic Engineering (2)

Thursday, February 23, 2017 10:30-11:30 Anson IV

TICEAS-2698
Flexural Behavior of Exposed Column-Base Plate Weak-Axis Connections
Young-Chan You | Korea Institute of Civil Engineering and Building Technology
Min-Sun Kim | Korea Institute of Civil Engineering and Building Technology
Woo-Young Lim | Korea Institute of Civil Engineering and Building Technology

TICEAS-2748
Modulus of Rupture of Activated Hwangtoh Concrete
Seung-Hun Kim | Hanbat National University
Mi-Rae Park | Hanbat National University

TICEAS-2779
Traffic Flow Smoothing Based on Individual Desired Speed
Yukiko Wakita | Nagoya University
Kenta Yamada | Nagoya University
Tomio Miwa | Nagoya University
Takayuki Morikawa | Nagoya University

TICEAS-2709
Fabrication of Non-Spherical Polymeric Particles and Its Application
Hyun Jin Oh | Kyungpook National University
Ju Hyang Park | Kyungpook National University
Se Jeong Hwang | Kyungpook National University
Dong Choon Hyun | Kyungpook National University
Wood Charcoal Derived Porous Hardcarbon as Highly Stable Anode Material for Sodium and Potassium Ion Battery
Richard Prabakar | Sunchon National University
Myoungho Pyo | Sunchon National University

Repeatable Drug Release Using an External Magnetic Stimulus from PCL Hollow Particles
Se Jeong Hwang | Kyungpook National University
Ju Hyang Park | Kyungpook National University
Dong Gug Kang | Pyung-hwa Oil Seal Industry Co.
Dong Choon Hyun | Kyungpook National University
Hyun Jin Oh | Kyungpook National University

Utilization of Non-Economic Brown Seaweed (Padina australis) as Green Nanocatalyst Zinc Oxide
Dita Khaerani | Universitas Indonesia
Adysta Nandya Putri | Universitas Indonesia
Shafira Quamila Dewi | Universitas Indonesia

Dental Age Assessment: Is the Reference Data Set of Southern Chinese Applicable in Cambodia?
Hai Ming Wong | The University of Hong Kong

The Thermal Environment of Water Resource Forests in Suburban Areas as Seen through Soil Temperature
Mie Takeda | Aichi Institute of Technology

Comparative Analysis of Performance Run Length (Rle) Data Compression Using Vhdl and Microcontroller
Marvin Chandra Wijaya | Maranatha Christian University
TICEAS-2686
Optimizing Spring Design of Fully Decoupled Vibrating MEMS Gyroscope
Jing Jin  |  National University of Singapore
Guoqiang Wu  |  Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)
Yuandong Gu  |  Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)

TICEAS-2705
Development of a Tri-Axial Capacitive Accelerometer Fabricated Using a 9DOF Inertial MEMS Platform
Beibei Han  |  A*STAR

TICEAS-2672
A Fractional-N synthesizer for MEMS based Timing Device
Dan Lei Yan  |  Institute of Microelectronics

TICEAS-2721
Photonic Spectrometer via a Tuneable Ring Resonator for Sensing Applications
Shaonan Zheng  |  Nanyang Technological University
Hong Cai  |  Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)
Yuandong Gu  |  Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)
Ai Qun Liu  |  Nanyang Technological University

TICEAS-2722
Volatile Organic Compounds Sensing Via Optofluidic Ring Resonator Array
Gong Zhang  |  Nanyang Technological University
Hong Cai  |  Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)
Yuan Dong Gu  |  Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)
Ai Qun Liu  |  Nanyang Technological University
TICEAS-2717
An Optomechanical Actuator Driven by Optical Wavelength in Photonics Circuits
Jianguo Huang ︱ Nanyang Technological University
Ai Qun Liu ︱ Nanyang Technological University
Hong Cai ︱ Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)
Alex Gu ︱ Institute of Microelectronics, A*STAR (Agency for Science, Technology and Research)