Conference Program

May 10-12, 2016
Osaka, Japan

ICEAI
International Congress on Engineering and Information

ICCBES
International Congress on Chemical, Biological and Environmental Sciences

ICSSAM
International Conference on Social Science and Management

ISEPSS
International Symposium on Education, Psychology and Social Sciences
ICEAI
*International Congress on Engineering and Information*
ISBN 978-986-88450-4-6

ICCBES
*International Congress on Chemical, Biological and Environmental Sciences*

ICSSAM
*International Conference on Social Science and Management*

ISEPSS
*International Symposium on Education, Psychology and Social Sciences*
ISBN 978-986-89844-4-8
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General Information for Participants

- Registration
  The registration desk will be situated on the 10th Floor at the Osaka International Convention Center during the following time:
  13:00-16:30 Tuesday, May 10, 2016
  08:00-17:30 Wednesday, May 11, 2016
  08:30-16:00 Thursday, May 12, 2016

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

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

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

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# Special Thanks to Session Chairs

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<thead>
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<tr>
<td>Yi-Ting Huang</td>
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<td>Jin Lo</td>
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<td>Mabalacat City College</td>
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<td>Wen-Pin Shih</td>
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<td>Kang Won Lee</td>
<td>Seoul National University of Science and Technology</td>
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<td>Jong Tae Youn</td>
<td>Pukyong National University</td>
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<td>Subchat Untachai</td>
<td>Udonthani Rajabhat University</td>
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<td>Jiun-Horng Tsai</td>
<td>National Cheng Kung University</td>
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<td>Jinwook Jeong</td>
<td>Incheon National University</td>
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<tr>
<td>Kevin Oh</td>
<td>University of San Francisco</td>
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<td>Niwate Arunberkfa</td>
<td>Prince of Songkla University</td>
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<tr>
<td>Sedat Yayla</td>
<td>Yuzuncu Yil University</td>
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<tr>
<td>Murad Helaleh</td>
<td>Anti Doping Lab</td>
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<td>Eric Tsun-Tat Wong</td>
<td>The Hong Kong Polytechnic University</td>
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<td>Masami Yoshida</td>
<td>Chiba University</td>
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<tr>
<td>Arisara Seyanont</td>
<td>University of the Thai Chamber of Commerce</td>
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<tr>
<td>Xianqiang Tang</td>
<td>Changjiang River Scientific Research Institute</td>
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<tr>
<td>Dedi Ruswandi</td>
<td>Padjadjaran University</td>
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<td>Shu-Chen Wu</td>
<td>The Hong Kong Institute of Education</td>
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<tr>
<td>Chih-Hsien Chen</td>
<td>National Kaohsiung University of Applied</td>
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Sciences

Yin-Fu Huang
National Yunlin University of Science and Technology

Anurug Poeaim
King Mongkut’s Institute of Technology Ladkrabang

Edna Luz Raymundo Abulon
Philippine Normal University

Chi-Leung Chu
National Chiayi University

Yong-Won Song
Korea Institute of Science and Technology

Hiroshi Uechi
Osaka Gakuin University

Marie Paz Escano Morales
Philippine Normal University

Wei-Feng Tung
Fu-Jen Catholic University

Miu Ha Kwong
Washburn University

Alfred Antony Christy
University of Agder

Fu-Gong Lin
National Defense Medical Center

Diana Sari
Widyatama University

Santosh C Saha
University of Mount Union

Chaoyuan Zhu
National Chaio-Tung University

Rebecca Lee
The University of Hong Kong

Joseph A. McKinney
Baylor University

I-Shian (Ivan) Suen
Virginia Commonwealth University

Tanakorn Phoo-Ngernkham
Rajamangala University of Technology Isan

Jieh-Shian Young
National Changhua University of Education
Conference Venue Information

Osaka International Convention Center
Tel: +81-06-4803-5610
Address: 5-3-51 Nakanoshima, Kita-ku, Osaka City, 530-0005 Japan

Access to Osaka International Convention Center
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.

Train Information
-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).
The 10th Floor Plan

Oral Session: Conference Room 1004~1007
Poster Session: Conference Room 1008
Tea Break & Networking: Conference Room 1008
## Conference Schedule

**Tuesday, May 10, 2016**

**Oral Session (10th Floor)**

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<td>Registration</td>
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<td>13:30-15:00</td>
<td>Management (1)/ Communication (1)</td>
<td>Room 1004</td>
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<td></td>
<td>Education (1)</td>
<td>Room 1005</td>
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<td></td>
<td>Biological Engineering/ Chemical Engineering</td>
<td>Room 1006</td>
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<td>Industrial Engineering (1)</td>
<td>Room 1007</td>
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<td>15:00-15:15</td>
<td><strong>Tea Break &amp; Networking</strong></td>
<td>Room 1008</td>
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<tr>
<td>15:15-17:15</td>
<td>Management (2)/ Politics (1)</td>
<td>Room 1004</td>
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<td>Psychology (1)/ Education (2)</td>
<td>Room 1005</td>
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<tr>
<td></td>
<td>Civil Engineering (1)/ Environmental Sciences (1)</td>
<td>Room 1006</td>
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<td></td>
<td>Information Engineering (1)/ Computer Science (1)</td>
<td>Room 1007</td>
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</tbody>
</table>
### Wednesday, May 11, 2016

**Oral Session (10th Floor)**

<table>
<thead>
<tr>
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<th>Schedule</th>
<th>Venue</th>
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<td>08:00-17:30</td>
<td>Registration</td>
<td>Foyer Area</td>
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<td>08:45-10:15</td>
<td>Management (3)</td>
<td>Room 1004</td>
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<td>Politics (2)</td>
<td>Room 1005</td>
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<td>Environmental Sciences (2)</td>
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<td></td>
<td>Information Engineering (2)</td>
<td>Room 1007</td>
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<tr>
<td>10:15-10:30</td>
<td>Tea Break &amp; Networking</td>
<td>Room 1008</td>
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<td>10:30-12:00</td>
<td>Education (3)</td>
<td>Room 1004</td>
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<td>Society (1)/ Culture/ Psychology (2)</td>
<td>Room 1005</td>
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<td></td>
<td><strong>Natural Science Keynote Speech (1):</strong></td>
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<td></td>
<td><strong>Dr. Hooman Farzaneh</strong></td>
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<tr>
<td></td>
<td><em>Topic: Sustainable Development and Mitigation in Asian Cities; Challenges and Opportunities</em></td>
<td>Room 1006</td>
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<td></td>
<td><strong>Natural Science Keynote Speech (2):</strong></td>
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<tr>
<td></td>
<td><strong>Dr. Paul C.H. Li.</strong></td>
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<tr>
<td></td>
<td><em>Topic: The Use of Nanoparticles to Assist Cellular and Nucleic Acid Assays</em></td>
<td>Room 1007</td>
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<td>12:00-13:00</td>
<td>Lunch</td>
<td>Conference Hall (12th Floor)</td>
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**Wednesday, May 11, 2016**

**Oral Session (10th Floor)**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>13:00-14:30</td>
<td>Social Science Keynote Speech</td>
<td>Room 1004</td>
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<tr>
<td></td>
<td><strong>Dr. Henry Ma</strong></td>
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<td><em>Topic: Teaching for Creativity: The Necessary Elements for Fostering Creativity in Education</em></td>
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<td>Energy Engineering</td>
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<td>Environmental Sciences (3)/ Civil Engineering (2)</td>
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<td>Information Engineering (3)/ Electrical Engineering (1)</td>
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<tr>
<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>Education (4)</td>
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<td>Biological Sciences (1)</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>Education (5)/ General Social Sciences</td>
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<td>Biological Sciences (2)</td>
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### Wednesday, May 11, 2016

**Poster Session (Room 1008, 10th floor)**

<table>
<thead>
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<td>Chemical Sciences (1) / Electrical Engineering (1)</td>
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<tr>
<td>13:30-14:30</td>
<td>Poster Session (2)</td>
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<td>Chemical Sciences (2) / Biological Sciences (1) / Computer Science (1)</td>
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<tr>
<td>15:00-16:00</td>
<td>Poster Session (3)</td>
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<td>16:30-17:30</td>
<td>Poster Session (4)</td>
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<td>Management / Computer Science (2)</td>
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<tr>
<td>08:30-16:00</td>
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<td>10:15-10:30</td>
<td>Tea Break &amp; Networking</td>
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<tr>
<td>10:30-12:00</td>
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<td>Chemical Sciences (1)</td>
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<td>Chemical Sciences (2) / Industrial Engineering (2) / Environmental Sciences (5)</td>
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<tr>
<td>14:30-14:45</td>
<td>Tea Break &amp; Networking</td>
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### Thursday, May 12, 2016

#### Oral Session (10th Floor)

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<tr>
<th>Time</th>
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<tr>
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<td>Education (8)</td>
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<td>Economics/ Finance (2)</td>
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<td>Society (4)</td>
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<td>Civil Engineering (3)</td>
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<tr>
<td>09:30-10:30</td>
<td>Poster Session (5) Environmental Sciences / Energy Engineering</td>
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<tr>
<td>13:30-14:30</td>
<td>Poster Session (6) Information Engineering / Electrical Engineering (2) / Industrial Engineering / Civil Engineering / Mechanical Engineering</td>
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<tr>
<td>15:00-16:00</td>
<td>Poster Session (7) Biological Sciences (2)</td>
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Natural Sciences Keynote Speech (1)

Room 1006

10:30-12:00   Wednesday   May 11, 2016

Topic:
*Sustainable Development and Mitigation in Asian Cities; Challenges and Opportunities*

Hooman Farzaneh
Institute of Advanced Energy
Kyoto University
Japan

Abstract
The world rapidly urbanizing, and a majority of the global population will experience climate change in cities. Cities are being increasingly recognized as major contributors to climate change, consuming two thirds of global primary energy and generating about 71% of energy-related CO2 emissions which is expected to rise to 76% by 2030. The concerns of policy makers dealing with energy in cities focus not only on issues related to availability or its use, but more on its implication after use as it ultimately produces local air pollutants and greenhouse gases as waste which exerts serious local and global implications on human health due to their unacceptable concentrations. The link between the energy sector and climate change mitigation can be possible to study through understanding the main challenges of coming urban energy transitions include: 1) increased urbanization in developing countries, 2) changing infrastructure in developed countries, 3) climate change-energy security imperatives and 4) new technologies at local and grid levels. These challenges highlight the need for cities to reconsider how new urban investments should be prioritized in order to reduce resource consumption and emissions, as well as to achieve local and national development goals. A number of factors influence energy use in and the resulting greenhouse gas (GHG) emissions from cities. The major ones include the urban spatial structure, the nature of transportation systems, income and lifestyle, the
energy efficiency of key technologies, industrial processes, building technologies, climate, and waste disposal methods. Implementation of mitigation measures in the energy sector can play an important role in increasing the sufficiency of resources to meet national energy demand at competitive and stable prices and improving the resilience of the energy supply system. Improvements in energy intensity due to positive technological change and switching to low carbon energy systems have played an important role in reducing energy use and associated GHG emissions.

Asian cities, cities in developing nations in particular, must prepare themselves in adopting appropriate adaptation and mitigation strategies/measures through the implementation of a variety of clean energy policies and programs using energy efficiency, renewable energy, reduction of transportation emissions, and other initiatives that can lead to improvements in air quality and public health. The big challenges concerning the clean energy development in Asian cities spring from the lack of awareness at the local government level and the limited institutional capacities and arrangements. Comprehensive policies focused on GHG mitigation do not currently exist at the city level in Asia and only a minority of developed countries such as Japan and Korea have started formulating such policies.

This presentation is based to explore opportunities and challenges for the sustainable development and mitigation in Asian cities. The first part of this presentation deals with the current status of the energy consumption and air pollution in Asian cities. The second part will address in detail the role of executive low carbon policy targets to support the GHG emission and air pollution in selected Asian cities in Japan, China, India, Iran and Indonesia. To this aim, a comprehensive modeling framework based on bottom-up method and the Avoid-Shift-Improve (A-S-I) approach with an analysis and aggregation of cities data will be presented as the most efficient assessment method to quantify the GHG and air pollution mitigation potentials in Asian context. The final part will summerize the opportunities for and the institutional barriers to mainstreaming concerns about GHG emissions and air pollution in Asian cities.

**Brief Introduction of Dr. Hooman Farzaneh**

Dr. Hooman Farzaneh is currently lecturer at the Institute of Advanced Energy, Kyoto University, Japan (since 2015). He has expertise on a broad spectrum of issues related to quantitative and qualitative analysis focusing on developing research patterns of low carbon scenarios and policy implementations designed to tackle air pollution problems in regional and local scales. Before joining Kyoto
University, Hooman worked as research fellow at the United Nations University Institute for the Advanced Study of Sustainability, Tokyo, Japan and has been involved in several research projects in relation to sustainable development and mitigation such as climate co-benefits approach in Asian Cities and transfer of low carbon technology to developing countries. Dr. Hooman has previously held positions as a member of the Global Center of Excellence (GCOE) program at Kyoto University (2012-2013) and also assistant professor at Azad University and Sharif Energy Research Institute (SERI) in Tehran, Iran (2007-2012). Born and educated in Iran, Hooman holds a bachelor’s degree in chemical engineering and master’s and PhD degrees in energy system engineering. He has published over 40 journal and conference papers and numerous other reports (both public and confidential).
Natural Sciences Keynote Speech (2)

Room 1007

10:30-12:00       Wednesday    May 11, 2016

Topic:
The Use of Nanoparticles to Assist Cellular and Nucleic Acid Assays

Paul C.H. Li., Ph.D.
Department of Chemistry
Department of Molecular Biology and Biochemistry
Simon Fraser University
Canada

Abstract

Multidrug resistance (MDR) is one of the major obstacles in cancer drug delivery. MDR may be overcome by using MDR inhibitors. Among different classes of these inhibitors, less toxic amphiphilic diblock copolymers composed of methoxypolyethylene glycol-block-polycaprolactone (MePEG-b-PCL) have been studied extensively. Using conventional assays, it was found that the low-molecular-weight diblock copolymer, MePEG17-b-PCL5 (PCL5), enhanced drug accumulation in MDCKII-MDR1 cells. However, when the high-molecular-weight nanoparticles, MePEG114-b-PCL200 (PCL200), were mixed with PCL5 (and the cancer drug) in order to encapsulate them to facilitate drug delivery, there was no drug enhancement effect attributable to PCL5. The reason for this negative result was unclear. Since drug accumulation measured on different cell batches originated from single cells, we employed the microfluidic biochip to conduct the same-single-cell analysis (SASCA) to find out the reason. This analysis allowed us to obtain drug accumulation information faster in comparison to conventional assays. The SASCA results have confirmed that when PCL5 was encapsulated in PCL200 nanoparticles as soon as they were synthesized, the ability of PCL5 to enhance cancer drug accumulation was retained, thus suggesting the PCL200 nanoparticle as a promising delivery system for encapsulating MDR inhibitors, such as PCL5.
In nucleic acid assays, gold nanoparticles (AuNPs) have been used for detection. However, there is a poor fundamental understanding of how gold nanoparticle surfaces influence the DNA hybridization process. Here, we measured the rate constants of the hybridization and dehybridization of DNA on gold nanoparticle surfaces to enable the determination of activation parameters using transition state theory. We show that the target bases need to be detached from the gold nanoparticle surfaces before zipping. This causes a shift of the rate-limiting step of hybridization to the mismatch-sensitive zipping step. Furthermore, our results propose that the binding of gold nanoparticles to the single-stranded DNA segments (commonly known as bubbles) in the duplex DNA stabilizes the bubbles and accelerates the dehybridization process. We employ the proposed mechanism of DNA hybridization/dehybridization to explain how 5 nm diameter gold nanoparticles help discriminate between single base-pair mismatched DNA molecules, related to the cancer gene KRAS, when performed in a NanoBioArray chip.

**Brief Introduction of Dr. Paul C.H. Li**

Dr. Paul Li obtained his Ph.D in analytical chemistry at the University of Toronto in 1995. Then he developed the microfluidic lab-on-a-chip at the University of Alberta during his postdoctoral work. Dr. Li became assistant professor at City University of Hong Kong in 1996, and then he joined Simon Fraser University in 1999, and he was promoted to full professor in 2010. Dr. Li is interested in integrating microfluidics for single-cell analysis in order to study the transport kinetics of chemical compounds (from herbs) on individual cancer cells. This study is particularly useful for studying multidrug resistant cancer cells, leading to potential improvement in chemotherapy. He is also interested to combine microfluidics with the nucleic acid bioarray for detection of low volume and low concentration of fungal pathogenic DNA, Kras cancer gene DNA, and influenza viral RNA. Dr. Li has other research interests on immunoassay chip, C11 radiotracer synthesis, and F18 enrichment as well. He has published a monograph entitled “Fundamentals of lab on a chip for biological analysis and discovery” in 2010. He is associate editor of Canadian Journal of Pure and Applied Sciences, and sits on the editorial boards of Journal of Proteomics and Genomics, and Hong Kong Pharmaceutical Journal. Dr. Li is the inventor of 4 granted patents and 5 pending patents, and he is the founder and vice president of ZellChip Technologies Inc. specializing in microfluidic-based instruments for life science applications.
Topic:

*Teaching for Creativity: The Necessary Elements for Fostering Creativity in Education*

Professor Henry Ma  
Associate Dean, School of Design, The Hong Kong Polytechnic University  
Leader, Creativity and Design Education Laboratory

Abstract

Conventional education systems often hinder the development of creativity. Teachers always expect a single best answer for every problem. The education system assumes teachers know all the answers and their duty is to pass these on to the students and save the students' from making the effort to seek answers for themselves. Moreover, the education system also over-emphasizes the acquiring of knowledge but lacks emphasis on creative thinking skills. However we are living in fast-changing times, knowledge and skills are becoming obsolete much faster than that are in the past. Fostering creativity can help our students meet the future challenge. Many educators and scholars proposed different methods for fostering creativity. This lecture will discuss the conception of creativity and present a theoretical framework with different elements that shall help in fostering creativity in our teaching and learning practice.

Brief Introduction of Dr. Henry Ma

Dr. Henry Ma, Associate Dean and Associate Professor of School of Design, The Hong Kong Polytechnic University, Guest Research Professor of the Beijing Film Academy and Honorary Professor of Gratia Christian College. He received the
“Creative Industry Leader Award in China” (中國創意產業領軍人物獎) and the Hong Kong Digital Entertainment Industry Person of the Year Award (Digital Entertainment Education) in 2012 and 2007 respectively. Henry graduated from the Hong Kong Academy for Performing Arts School of Technical Arts; School of Management, University of Leicester and the Centre for Mass Communication Research, University of Leicester and received his PhD from School of Design, The Hong Kong Polytechnic University. Henry is member of the Audio Engineering Society, Broad Member of the Hong Kong ACM SIGGRAPH Professional Chapter and Vice-Chairman (Education) of the Hong Kong Digital Entertainment Association. With his active participation in the creative media industry, he has been involved in the design and production of stage, film and TV projects.

In the last ten years, Henry participated in a number of research projects and high-end consultancy projects as principle investigators, project leaders or deputy project leaders with a cumulative sum of funding over fifteen million Hong Kong dollars. These research projects include study of teaching for creativity, management of creativity, project-based blended learning strategy, game-based learning, augmented reality and motion capture. In the last six years, Henry focused on research of creativity and creativity education and released a number of peer reviewed journal papers and conference papers. Henry currently serves as leader of the Creativity and Design Education Laboratory and leads a team of faculty and research staff in conducting studies in creativity and design education.
Oral Sessions

Management (1)/ Communication (1)

Tuesday, May 10, 2016 13:30-15:00 Room 1004

Session Chair: Prof. Yi-Ting Huang

ICSSAM-1823
Your Boss is Driving You Insane, Corporate Psychopath, Employee Cynicism, and Workplace Well-Being
Sheng Cheng | Yuan Ze University
Yueh-Ysen Lin | Yuan Ze University

ICSSAM-1845
Does Helping Others Always Makes You Feel Happy? The Moderating Effect of Friendship and Stress
Shu-Min Zeng | Yuan Ze University
Hung-Hui Lee | Yuan Ze University

ICSSAM-1852
Are They Different? Self-Efficacy and Leadership Self-Efficacy
Chien-Yi Chiang | Yuan Ze University
Yueh-Ysen Lin | Yuan Ze University

ICSSAM-1929
Salesperson’s Regulatory Focus, Mood and Customer’s Satisfaction: The Mediated Moderating Role of Emotional Intelligence
Nai-Wen Lin | Yuan Ze University
Chiung-Yi Huang | Yuan Ze University

ICSSAM-1934
Positive Leadership and Team performance: A Moderated Mediation Model
Chia-Sheng Hsiao | Yuan Ze University
Min-Ping Huang | Yuan Ze University
ICSSAM-1802
Influences of Code Compositions in Webpage Photos by Affordable Fashion Brands on Enhanced Purchase Intention
Yi-Ting Huang | Chung Yuan Christian University
Chen-Ming Chang | Chung Yuan Christian University
Yi-Hsuan Chou | Chung Yuan Christian University
Education (1)

Tuesday, May 10, 2016 13:30-15:00  Room 1005

Session Chair: *Prof. Masami Yoshida*

ISEPSS-2426
Environmental Issues, Photographic Methods, Higher Education Students
Fulya Oztas | *Selçuk University*

ISEPSS-2451
Investigation on Using Twitter Communication during a Conference
Masami Yoshida | *Chiba University*
Thapanee Thammetar | *Silpakorn University*
Vorasuang Duangchinda | *A Sripatum University*

ISEPSS-2455
Evolution of Chinese Contemporary Hero Models (1960-85)
Wai Chun Cheung | *Hong Kong Baptist University*

ISEPSS-2468
The Effect of Play Therapy Training With College Counseling Students in Taiwan
Mei-Hsiang Tsai | *National University of Tainan*

ISEPSS-2469
Impact of Embedding Language and Communication Skills in a Science Research Skills Course
Jeffrey Mok | *National University of Singapore*
Siew Hong Lam | *National University of Singapore*

ICSSAM-2149
Cyberbullying: The Evolving Threat in the Digital Age
Szu-Wei Chen | *I-Shou University*
ICEAI-1000
A Cloud Structure Rehabilitation Assistant for Articulation Disorder Children
Chang Lin Chen | Ming Chuan University
Chen Yu Lin | Ming Chuan University
Han Yi Ho | Taoyuan General Hospital
Wai Keung Lee | Taoyuan General Hospital
Ying-Hui Lai | Academia Sinica
S.T. Tang | Ming Chuan University

ICEAI-1199
A Study of Relationship between Different Intensity of Pain and EEG Frequency Bands
Chih-Yi Lee | Chung Yuan Christian University
Chia-Yen Yang | Ming Chuan University
Chiung-Cheng Chuang | Chung Yuan Christian University
Huai-Hsiao Chiang | Chung Yuan Christian University

ICEAI-1026
A Method to Measure Natural Frequency of a Spherical Specimen in Liquid Environment by Applying Atomic Force Microscope
Po-Jen Shih | National University of Kaohsiung
Ching-Liang Dai | National Chung Hsing University
Kuang-Wu Chou | National Center for of Research on Earthquake Engineering

ICEAI-1029
Characterization of Protein Binding Force by Utilizing Shear Stress inside Microchannel
Yuh-Chung Hu | National Ilan University
Chi-Yu Chen | National Taiwan University
Horn-Jiunn Sheen | National Taiwan University
Wen-Pin Shih | National Taiwan University
Industrial Engineering (1)/ Mechanical Engineering

Tuesday, May 10, 2016  13:30-15:00  Room 1007

Session Chair: Prof. Kang Won Lee

ICEAI-1043
Topological Analysis of Seoul Subway Network Using Multiple Network Spaces
Kang Won Lee | Seoul National University of Science and Technology
Min Jung Kim | Seoul National University of Science and Technology

ICEAI-1116
The Effect of Depression of Train Drivers on Accidents: Focused on Mediating Effect of Cognitive Failure and Mistake
Tack-Hyun Shin | Seoul National University of Science and Technology
Tohir Yuldoshev | Seoul National University of Science and Technology
Shakhridin Rustamov | Seoul National University of Science and Technology

ICEAI-1051
The Land Suitability Evaluation for Samut Prakan Province in Thailand for Eco Industry Development by Applying the Geographic Information System
Suphattra Ketsarapong | Sripatum University
Prapapan Ketsarapong | Kasetsart University Sriracha Campus

ICEAI-1057
Optical-Flow-Based Template Matching for Surface Defect Detection
Du-Ming Tsai | Yuan-Ze University
I-Yung Chiang | Yuan-Ze University
Wei-Yao Chiu | Industrial Technology Research Institute
ICEAI-1058
Effects of the Tapered Wound-on-Tension on the Inner Stress Distributions of Wound Rolls
Tachung Yang | Yuan Ze University
Chiu-Tang Lin | Tungnan University
Tung-I Tasi | Chan Li Machinery Co., Ltd.
Cheng-Han Chang | Chan Li Machinery Co., Ltd.
Ting-Chao Chen | Chan Li Machinery Co., Ltd.

ICEAI-1078
A Potential Big Data Analytics Approach: Performance Evaluation of Random Forests Classification
Han-Tang Nien | National Taipei University of Technology
Shu-Kai S. Fan | National Taipei University of Technology
Management (2)/ Politics (1)

Tuesday, May 10, 2016  15:15-17:15  Room 1004

Session Chair: Prof. Jin Lo

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ICSSAM-1984
Differentiation of Green Brand Positioning: A Perspective of Network Analysis
Hui-Ju Wang | Fo Guang University

ICSSAM-2012
Are Obedient Employees Always a Good Thing? The Relationship between Guilt and Innovation
Li Jing Peng | Yuan Ze University
Hung Hui Lee | Yuan Ze University

ICSSAM-2034
The Influence of Family Social Class to the Work Attitude of Generation Y in Indonesia
Yueh Ysen Lin | Yuan Ze University
Euginia Monique Budiman | Yuan Ze University

ICSSAM-2053
Ruei-Yu Chen | Yuan Ze University
Jing-Jing Weng | Yuan Ze University

ICSSAM-1975
The Overseas Thai Labor Satisfaction in Life & Job: The Case Study of the Thai Labor in Singapore
Suwicha Komaladat | Srinakarinwirot University
Montri Komaladat | Office of National Economic and Social Development Board of Thailand
ICSSAM-1806
The Impact of Role Ambiguity, Role Conflict and Role Overload on Frontline Employees in Service Organizations
Huang Yung Chin | National Kaohsiung First University of Science and Technology
Albert Jing-Fuh Yang | National Kaohsiung First University of Science and Technology

ICSSAM-1794
Integrating Task-Technology Fit Model and Technology Acceptance Model to Explore Open Government Data Adoption
Jin Lo | National Dong Hwa University
Hui Ju Wang | Fo Guang University
Psychology (1)/ Education (2)

Tuesday, May 10, 2016          15:15-17:15          Room 1005

Session Chair: Prof. Josevy Avena Taguibao

ISEPSS-2483
School Counselors’ Resiliency: The Case of at-Risk Schools
Deniz Guler | Anadolu University
Esra Ceyhan | Anadolu University

ISEPSS-2484
Mindfulness Associated with Psychological Vulnerability: Shyness as a Mediator
Mehmet Saricali | Anadolu University
S. Ahmet Satici | Anadolu University

ISEPSS-2499
Internet Use Behaviours’ and Psychological Well Being’s of University Students in Turkey
Muhammet Fatih Yilmaz | Anadolu University
Ayse Sibel Turkum | Anadolu University

ISEPSS-2512
Problem Areas of University Students Planning to Seek Help from Professional Counseling Services
Ismail Yelpaze | Anadolu University
A. Aykut Ceyhan | Anadolu University

ISEPSS-2420
Experiences and Coping Mechanisms of Children with Separated Parents: Towards Proposed Counseling Strategies
Josevy Avena Taguibao | Mabalacat City College
Rodrigo M Sicat | Tarlac State University
ICSSAM-2140
Measuring Students’ Capacities Using Fuzzy Logic for Eighth-Grade Students in Thailand
Wannasirin Phuchaya | Rajabhat Maha Sarakham University
Nitaya Jantakoon | Rajabhat Maha Sarakham University

ICSSAM-2142
Problem Solving in Mathematics Education based on Fuzzy Logic : for Seventh-Grade Students in Thailand
Chanittha Klanghyai | Rajabhat Maha Sarakham University
Nitaya Jantakoon | Rajabhat Maha Sarakham University

ICSSAM-2144
Fuzzy Measures for Students’ Mathematical Problem Solving for Ninth-Grade Students in Thailand
Nuttakran Surapa | Rajabhat Maha Sarakham University
Nitaya Jantakoon | Rajabhat Maha Sarakham University
Civil Engineering (1)/ Environmental Sciences (1)

Tuesday, May 10, 2016 15:15-17:15  Room 1006

Session Chair: Prof. Yung-Chih Wang

ICEAI-1209
Investigation on Design Parameters of New Reinforced Concrete Structures
Li-Wen Ho | National Central University
Yung-Chih Wang | National Central University

ICEAI-1242
Centrifuge Modelling on Performance of Building Structures with Different Foundation Types in Liquefied Ground
Jin Hung Hwang | National Central University

ICEAI-1041
Effects of Paints for Building Envelopes on Indoor Thermal Insulation in Subtropics
Chih-Hong Huang | National Taipei University of Technology
Pei-Hsuan Kao | National Taipei University of Technology
Yu-Hsuan Chang | National Taipei University of Technology

ICCBES-1053
Development of Indoor Air Quality (IAQ) Benchmarking System in Hong Kong
Kwok-Wai Mui | The Hong Kong Polytechnic University
Ling-Tim Wong | The Hong Kong Polytechnic University
Tsz-Wun Tsang | The Hong Kong Polytechnic University

ICEAI-930
Evaluating the Efficiency of Basalt and Glass Fibres on Resisting the Alkaline, Acid, and Thermal Environments
Sami Elshafie | University of Bolton
Gareth Whittleston | University of Bolton
ICEAI-978
Simulatuin of Hysteresis Response of Prestressed Concrete Member
Suppachai Sinthaworn | Srinakharinwirot University
Susumu Kono | Tokyo Institute of Technology
Hidekazu Watanabe | Tokyo Institute of Technology
Information Engineering (1)/ Computer Science (1)

Tuesday, May 10, 2016 15:15-17:15 Room 1007

Session Chair: Prof. Dyah Erny Herwindiati

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ICEAI-987

**Development of an Integration Surgical Special Chart Platform for Colorectal Cancer**

Sheng Hsuan Hsiao | Ming Chuan University
Chia Chun Hsieh | Ming Chuan University
Ming Liang Hsiao | Taipei Veterans General Hospital
Shung Haur Yang | Taipei Veterans General Hospital
Shih Tsang Tang | Ming Chuan University

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ICEAI-988

**Cloud-Based Sit-to-Stand Assistant for Stroke Patients**

Jyh Rou Liu | Ming Chuan University
Kuei-Hung Tseng | Ming Chuan University
L.Y. Chen | Taoyuan General Hospital
W.K. Lee | Taoyuan General Hospital
S.T. Tang | Ming Chuan University

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ICEAI-1001

**Smart Corpus Collector Basing on Cloud Structure**

Huei Lin Jiang | Ming Chuan University
Hsin Ju Tsai | Ming Chuan University
Jen Dar Lee | Ming Chuan University
Wen Jet Wang | National Taiwan University
Shih Tsang Tang | Ming Chuan University
ICEAI-1015

An Information System for Integrating the Biochemistry and Diet
Ciou-Jyu Liao | Ming Chuan University
Yen-Jung Chiu | Ming Chuan University
Tsui-Fang Li | Kang Chiao Bilingual Primary School
J.H. Lin | Kun Shan University
Shih Tsang Tang | Ming Chuan University

ICEAI-1038

Integration of Mobile Phone and Networking Technology for Parkinson’s Disease in Dysphagia and Dysarthria
Shin Yi Guo | Taipei Medical University
Chi-Fen Chang | National Taiwan University Hospital
Chun-Hwei Tai | National Taiwan University Hospital
Hung-Wen Chiu | Taipei Medical University
Shih-Tsang Tang | Ming Chuan University

ICEAI-1189

Minimum Vector Variance Using Projection Approaches for Mining Outliers
Dyah Erny Herwindiati | Tarumanagara University
Janson Hendryli | Tarumanagara University
Rahmat Sagara | Tarumanagara University

ICEAI-1230

A DWT Based Reversible Watermarking for Image Authentication
Piyu Tsai | National United University
Meng-Po Tzeng | National United University
Chien-Hao Chiu | National United University
Yu-Syuan Liu | National United University

ICEAI-1280

Face Range Image Dataset: Acquisition, Processing and Evaluation
Parama Bagchi | RCC Institute of Information Technology
Koushik Dutta | Jadavpur University
Debotosh Bhattacharjee | Jadavpur University
Mita Nasipuri | Jadavpur University
Management (3)

Wednesday, May 11, 2016 08:45-10:15 Room 1004

Session Chair: Prof. Subchat Untachai

ICSSAM-1698
Toward Pay-For-Performance: A Study of the Gaps between Organizational Practices and Employees’ Perception across Work Functions
Kanittaga Thardsatien | National Institute of Development and Administration

ICSSAM-1714
The Impacts of Government Policies on the E-business Performance for Big Enterprise – A Study of Taiwan
Hsin-Pin Fu | National Kaohsiung First University of Science and Technology
Hsiao-Ping Yeh | National Kaohsiung First University of Science and Technology
Wen-Chin Yeh | National Kaohsiung First University of Science and Technology
Tzu-Ling Chien | National Kaohsiung First University of Science and Technology

ICSSAM-1772
Buddhist Integration to Organizational Management for Strengthening Health and Learning for Thai Society
Busakorn Watthanabut | Mahachulalongkornrajavidyalaya University

ICSSAM-1779
The Effect of Servicescape on Word of Mouth; The Mediating Role of Service Quality
Subchat Untachai | Udonthani Rajabhat University

ICSSAM-1781
The Tripartite Efficacy Framework in Health Services: Implications for Patient Participation and Satisfaction
Ching-I Chen | National Kaohsiung First University of Science and Technology
Shih-Tung Shu | National Kaohsiung First University of Science and Technology

ICSSAM-2008
Different Perspectives on Innovation in Public Transport Service – A Literature Review
Chaoren Lu | Karlstad University
ICSSAM-1906
The Antecedents of the Creative Tourism in Ethnographic Mekong Basin
Sarawut Piewdang ︱*Udon Thani Rajabhat University*
Subchat Untachai ︱*Udon Thani Rajabhat University*
Politics (2)

Wednesday, May 11, 2016 08:45-10:15 Room 1005

Session Chair: Prof. Edward K. Hwang

ICSSAM-1782
Collaborative Public Management in Peace and Harmony Creation: A Case Study of Mae Prik Sub-District Administrative Organization
Thanyawat Rattanasak | Chiang Mai University
Sakgasit Ramingwong | Chiang Mai University

ICSSAM-1803
Decision-Making in the Public Sector: Miaoli County Dapu Farmland Expropriation Case Study
Edward K. Hwang | Chung Hua University

ICSSAM-2003
The Relationship between Risk Propensity and Whistleblowing Behaviors: Example of Public Employees in Taiwan
I Hong Liu | National Cheng Chi University
Hsiang-Kai Dong | National Cheng Chi University

ICSSAM-2046
Indonesia’s Membership in the Melanesian Spearhead Group (MSG)
Vinsensio Dugis | Universitas Airlangga
Environmental Sciences (2)

Wednesday, May 11, 2016       08:45-10:15       Room 1006

Session Chair: Prof. Jiun-Horng Tsai

ICCBES-1221
Quantifying Transboundary Contribution of Particulate Matter and Particulate Polycyclic Aromatic Hydrocarbons for a Tropical Coastal Area in the East Asian Pacific Rim Region
Chon-Lin Lee | National Sun Yat-sen University
I-Chien Lai | National Sun Yat-sen University
Hu-Ching Huang | National Sun Yat-sen University

ICCBES-1096
Meteorological Analysis for the Protected Horticulture Complex in Saemanguem Reclaimed Land, South Korea
Minjung Park | National Academy of Agricultural Science
Donghyeon Kang | National Academy of Agricultural Science
Siyoung Lee | National Academy of Agricultural Science
Jongku Kim | National Academy of Agricultural Science
Hongki Choi | National Academy of Agricultural Science
Jinkwan Son | National Academy of Agricultural Science

ICCBES-1097
Bio-Ore of Silicon, Rice Husk: Its Use for Sustainable Community Energy Supply based on Producing Amorphous Silica
Masafumi Tateda | Toyama Prefectural University

ICCBES-1117
Developing an Air Cleaner for Photodegradation of Formaldehyde and Optimize the Design Parameters by CFD Modeling
Yun Ching Leong | National Taiwan University
Chen Kang Huang | National Taiwan University
ICCBES-1130
Assessment of the Possibility of Enhanced Cs Uptake by Plants under Conditions of Severe Potassium Deficiency and Radioactive Stress, Utilizing Microorganisms and Bio-Energy-Activators
Archil Archil Chirakadze | Georgian Technical University
Ramaz Akaki Gakhokidze | Javakhishvili Tbilisi State University
Archil Giorgi Chogoshvili | Georgian Technical University
Zakaria Elguja Buachidze | Georgian Technical University

ICCBES-1193
Characterization of Air Pollutants Emissions from Motorcycle under ECE and WMTC Driving Modes by Using Ethanol-Blended Gasoline
Jiun-Horng Tsai | National Cheng Kung University
Yung-Chen Yao | Industrial Technology Research Institute
I-Ting Wang | National Cheng Kung University
Hsuan-Chi Huang | National Cheng Kung University
Information Engineering (2)

Wednesday, May 11, 2016 08:45-10:15  Room 1007

Session Chair: Prof. Kyungkoo Jun

ICEAI-957
Vehicle Sound Classification Using Principal Component Analysis and a Neural Network
Jian-Da Wu | National Changhua University of Education
Guan-Jhang Hong | National Changhua University of Education
Yu-Yu Chen | National Changhua University of Education

ICEAI-1009
Seismic Properties and Pattern Recognition of Monthly Number of Earthquakes in the Eastern Coast Counties of Taiwan
Ko-Ming Ni | Ling Tung University

ICEAI-1061
A Real-Time Video Restoration Method for Motion-Blurred Frames Based on Motion Vector
Chao-Ho Chen | National Kaohsiung University of Applied Sciences
Tsong-Yi Chen | National Kaohsiung University of Applied Sciences
Wu-Chih Hu | National Penghu University of Science and Technology
Ji-Yi Yang | National Kaohsiung University of Applied Sciences

ICEAI-1074
A Novel Seam Finding Method Using Downscaling and Cost for Image Stitching
Jinwook Jeong | Incheon National University
Kyungkoo Jun | Incheon National University
ICEAI-1080
A Heuristic for Maximizing the Lifetime of Data Aggregation in Wireless Sensor Networks
Bing-Hong Liu | National Kaohsiung University of Applied Sciences
Van-Trung Pham | Pham Van Dong University
Ngoc-Tu Nguyen | National Kaohsiung University of Applied Sciences
Yi-Sheng Luo | National Kaohsiung University of Applied Sciences

ICEAI-1087
Student Authentication Method by Update of Face Information in e-Learning System
Taisuke Kawamata | Tokyo University of Science
Susumu Fujimori | Tokyo University of Science
Takako Akakura | Tokyo University of Science
Education (3)

Wednesday, May 11, 2016    10:30-12:00    Room 1004

Session Chair: Prof. Jong Tae Youn

ICSSAM-1885
Contribution of Children’s Earnings to Family Income Inequality in Hong Kong: Does Educational Opportunity Matters?
Wing Yee Chei | The Hong Kong Polytechnic University

ICSSAM-1913
Popular Culture, English Out-Of-Class Activities, and Learner Autonomy among Highly Proficient Secondary Students in Hong Kong
Hoi Wing Chan | The Hong Kong Polytechnic University

ICSSAM-1988
Engaging Students in Language Classes Using Multimedia Learning Platform
Wing Sze Biddy Yiu | Hong Kong Polytechnic University

ICSSAM-1998
A Character Education through the Development of Traditional Games as Effort to Preserve Cultural Art to Childhood in Wonogiri Regency
Siti Supeni | Slamet Riyadi University

ICSSAM-2023
Factors Causing Women Students to drop out of Engineering in Republic of Korea
Jong Tae Youn | Pukyong National University
Chul-Whoi Koo | Pukyong National University
Song Ah Choi | WISET Regional Agency of Dongnam
Ji-Eun Jung | WISET Regional Agency of Dongnam

ICSSAM-2043
The Missing Links in International Service Learning a Case Study
Raymond Kwok Keung Kwong | The Hong Kong Polytechnic University
Tiffany On Kay Cheng | The Hong Kong Polytechnic University
Anne Lai la Tang | The Hong Kong Polytechnic University
Society (1)/ Culture/ Psychology (2)

Wednesday, May 11, 2016 10:30-12:00 Room 1005

Session Chair: Prof. Niwate Arunberkfa

ICSSAM-1706
Community Ways of Life and Conflict Resolution
Niwate Arunberkfa | Prince of Songkla University

ICSSAM-1815
Buddhist Biology: Systematic Relationship of Life and Environment, and the Creation of Supportive Factors for Development of Life based on the Seven Suitable (Sappāya)
Sanu Mahatthanadull | Mahachulalongkornrajavidyalaya University

ICSSAM-1910
Islam Wetu Telus “Pantang Melupakan Leluhur” as a Cultural Strategy of Nation-Building based on Historical Consciousness
Fitria Yusrifa | Universitas Gadjah Mada
Muhammad Faisal Nur Ikhsan | Universitas Gadjah Mada

ISEPSS-2521
A Study on the Relationships among Taiwanese College Students’ Intimate Attachment, Gratitude, Hope and Conflict Management
Payling Harn | Hsuan Chuang University

ISEPSS-2486
The Impact of Perceived Value and Price Discount on Satisfaction and Purchase Intention in Group Buying: Perspective of Social Exchange Theory
Chien-Ta Bruce Ho | National Chung Hsing University
Chung-Lun Wei | National Chung Hsing University
Yu-Hung Dennis Chou | National Chung Hsing University
ISEPSS-2572
A Study on Children’s Bilingual Education through the Experiences of Ethnic Korean Female Marriage Immigrants from Uzbekistan
Dilnoza Temurovna Kalanova | Inha University
Mi Suk Park | Inha University
Youngsoon Kim | Inha University
Energy Engineering

Wednesday, May 11, 2016  13:00-14:30  Room 1005

Session Chair: Prof. Sedat Yayla

ICEAI-1072
Rectangular Shifted Tabs for Supersonic Jet Control
Maruthupandiyan K | Indian Institute of Technology Kanpur
Rathakrishnan E | Indian Institute of Technology Kanpur

ICEAI-1175
The Separation of Water and Oil in Water Treatment Plant in Petroleum Project Using Coalescing Plate Separator and CFD Simulation
Sedat Yayla | Yuzuncu Yil University
Soran Sabah Ibrahim | Yuzuncu Yil University
Ali Bahadir Olcay | Yeditepe University

ICEAI-1179
Hi-Way Flow Channel Method in Shale Gas Development: A Breakthrough of Environmental Impact towards Hydraulic Fracturing
Andreas Franzona Pangaribuan | Padjadjaran University
Damian Pascal Ginting | Padjadjaran University
Edy Sunardi | Padjadjaran University

ICEAI-1194
Effect of Operation Condition on Moisture Removal in a Desiccant Cooling System
Irfan Uckan | Yuzuncu Yil University
Tuncay Yilmaz | Osmaniye Korkut Ata University
Orhan Buyukalaca | Osmaniye Korkut Ata University

ICEAI-1221
Ventilated Truncated Tabs for the Passive Control of Supersonic Elliptic Jets
Saif Akram | Indian Institute of Technology Kanpur
Ethirajan Rathakrishnan | Indian Institute of Technology Kanpur
ICEAI-1079
Experimental Study of The Evaporation Characteristics of A Binary Fuel Droplet in Rapid Compression Machine Conditions
Jonghan Won | Korea Advanced Institute of Science and Technology
Seung Wook Baek | Korea Advanced Institute of Science and Technology
Hyemin Kim | Korea Advanced Institute of Science and Technology
Hyeongjin Ahn | Korea Advanced Institute of Science and Technology
Environmental Sciences (3) / Civil Engineering (2)

Wednesday, May 11, 2016 13:00-14:30 Room 1006

Session Chair: Prof. Murad Helaleh

ICCBES-1243
Determination of Polybrominated Diphenyl Ethers in Human Adipose Tissue by Selective Reaction Monitoring Triple Quad Gas Chromatography MS_MS
Murad Helaleh | Anti Doping Lab
Nada Al Tamimi | Anti Doping Lab
Noof Al Qasmi | Anti Doping Lab
Aishah Latiff | Anti Doping Lab
Mohamed Al Rayes | Anti Doping Lab
Thomas Michael Harvey | Anti Doping Lab

ICCBES-1252
Estimation of Greenhouse Gas Emissions from a Wastewater Treatment Plant with Membrane Bioreactor Technology
Ying-Chu Chen | National Taipei University

ICCBES-1269
Management of Water Quality in a Semi-Enclosed Marine Bay – Insights from Biomanipulation
Chong Kim Wong | The Chinese University of Hong Kong

ICEAI-1024
The Using of Ground Screw Pile as Mounting Structure Foundation in Solar PV Farm
Attasit Sirivachiraporn | Srinakharinwirot University
Chaisiri Wattanachannarong | Future Electrical Control Company Limited

ICEAI-1190
Wastewater Containing Chromium (Cr) Management Using Water Cabbage (Pistia Stratiotes) as Bioremediator in Different Size and Exposure Time
Umi Zakiyah | Brawijaya University
Indah Wahyu Rahmawati | Brawijaya University
ICEAI-1217
High-Temperature Corrosion of T22 Steel in N$_2$/H$_2$S-Mixed Gas
Min Jung Kim | Sungkyunkwan University
Dong Bok Lee | Sungkyunkwan University
Information Engineering (3)/ Electrical Engineering (1)

Wednesday, May 11, 2016  13:00-14:30  Room 1007

Session Chair: Prof. Eric Tsun-Tat Wong

ICEAI-1172
Engineering Education for Sustainable Development: An Innovative Approach
Eric Tsun-Tat Wong  |  The Hong Kong Polytechnic University

ICEAI-1111
An iOS Application development for Location Recommendation of Rajamangala University of Technology Isan
Inchaya Charoensukbenja  |  Rajamangala University of Technology Isan
Jiraporn Bunjong  |  Rajamangala University of Technology Isan
Nuntanakorn Chumpon  |  Rajamangala University of Technology Isan
Apichit Kampala  |  Rajamangala University of Technology Isan

ICEAI-1089
Study on the Relationship between Class Evaluation and Consistency in Remarks, based on the Similarity of University Teacher’s Remarks with Term Definition
Shuya Nakamura  |  Tokyo University of Science
Susumu Fujimori  |  Tokyo University of Science
Takako Akakura  |  Tokyo University of Science

ICEAI-1008
Minimum-Energy Trajectory Planning Based on Hamiltonian Function for a Mechatronic Motor-Table System
Kun-Yung Chen  |  Air Force Institute of Technology

ICEAI-1053
Probe Typed Microcavity Fiber Fabry-Pérot interferometer for Simultaneously Sensing Refractive Index and Temperature
Wei-Kang Chang  |  National United University
Meng-Shan Wu  |  National United University
Chung-Hao Tseng  |  National United University
Cheng-Ling Lee  |  National United University
ICEAI-1101
Smart Bus Transfer Computer Program
Anurak Choeichum | Provincial Electricity Authority

ICEAI-1030
Evaluations of a Subject Knowledge Search Application based on the Aggregated Search Framework
I-Chin Wu | Fu-Jen Catholic University
Yen-Chun Huang | Fu-Jen Catholic University
Education (4)

Wednesday, May 11, 2016  14:45-16:15  1004

Session Chair: Prof. Kevin Oh

ISEPSS-2480
Discussions in Three-Dimensional Virtual Worlds: Benefits of Participation and Strategies for the Facilitation of In-World Discussions
Natalie Nussli  |  University of Applied Sciences and Arts Northwestern Switzerland
Kevin Oh  |  University of San Francisco

ISEPSS-2492
Technology Meets Pedagogy: Developing Authentic Assessment Practices in Large University Psychology Classes
Wendy Sutherland-Smith  |  Deakin University

ISEPSS-2539
The Relationships between Thinking Styles and Learning Capacity: A Case Study of Undergraduate Students in Cooperative Learning Course
Ching-Yi Chang  |  National Cheng-Chi University

ISEPSS-2465
Reassessment of the Prediction of Grip Strength
Hsiu-Lan Chin  |  Toko University

ISEPSS-2448
Formal Reasoning Ability and Misconceptions Concerning Genetic in Middle School Students
Haydar Oztas  |  Necmettin Erbakan University
ICSSAM-1818
Fitness-Specific Innovativeness and Service Usage
Tung-An Wu | National Kaohsiung First University of Science and Technology
Shih-Tung Shu | National Kaohsiung First University of Science and Technology
Ching-Hung Chang | National University of Kaohsiung

ICSSAM-1831
Rice Supply Chain Risk Management in Hong Kong: An Empirical Study
Anthony Lam | City University of Hong Kong
Tao Zhang | City University of Hong Kong
Kin Keung Lai | City University of Hong Kong

ICSSAM-1851
Travel Motivation, Overall Travel Experiences, and Intention to Revisit of European Senior Tourists to Thailand
Arisara Seyanont | University of the Thai Chamber of Commerce

ICSSAM-1853
The Correlation between Team’s Performance and Consumer-Company Identification: Using Relationship Quality as Mediator
Ying-Yu Chen | Aletheia University
Yu-Kuan Wu | Aletheia University
Kai-Chen Hsu | Aletheia University

ICSSAM-1878
The Organizational Innovation in Community Enterprise, Thailand
Panithan Mekkamol | Udonthani Rajabhat University
Subchat Untachai | Udonthani Rajabhat University
Environmental Sciences (4)

Wednesday, May 11, 2016 14:45-16:15  Room 1006

Session Chair: Dr. Norahim Ibrahim

ICCBES-1274
An Integrated Anaerobic and Aerobic System for the Bioremediation of PCE and TCE in a Simulated Groundwater Column
Chih-Hao Chang | National Chung Hsing University
Chih-Jen Lu | National Chung Hsing University

ICCBES-1292
Comparison between Normal Air and CO₂-Enriched Air for Municipal Wastewater Treatment by Chlorella Vulgaris
Ramjee Chaudhary | Indian Institute of Technology Bombay
Anil Kumar Dikshit | Indian Institute of Technology Bombay
Yen Wah Tong | National University of Singapore

ICCBES-1301
Green Electricity Production by Epipremnum aureum and Bacteria in Plant Microbial Fuel Cell
Muhd Firdaus | Universiti Teknologi Malaysia
Fateen Afikah | Universiti Teknologi Malaysia
Negar Dasineh Khiavi | Universiti Teknologi Malaysia
Norahim Ibrahim | Universiti Teknologi Malaysia

ICCBES-1304
The Design and Flow Visualization Experiment of a Self-Priming Venturi Based Nozzle to Remove the Dust Particle and Aerosols Operating in the Condition of Pool Scrubbing
C.S. Lee | Institute for Advanced Engineering
Doo Yong Lee | FNC Technology Co.
Dong-Ryul Rhim | Institute for Advanced Engineering
Junguk Shin | Institute for Advanced Engineering
Choongsub Yeum | Institute for Advanced Engineering
ICCBES-1332
Perspectives of Struvite Generation and Phosphorus Recover in Wetland Filter Beds
Xianqiang Tang | Changjiang River Scientific Research Institute

ICEAI-1191
Fiddler Crabs (Uca sp) as Ecosystem Engineer in Mangrove Area
Mulyanto Soewardi | Brawijaya University
ICCBES-1207

**Squalene Monoxygenase Plays Crucial Role on Meat-Quality Traits of Berkshire Pigs**

Chul Wook Kim | Gyeongnam National University of Science & Technology
Seul Gi Kwon | Gyeongnam National University of Science & Technology
Jung Hye Hwang | Gyeongnam National University of Science & Technology
Da Hye Park | Gyeongnam National University of Science & Technology
Tae Wan Kim | Gyeongnam National University of Science & Technology
Deok Gyeong Kang | Gyeongnam National University of Science & Technology
Il-Suk Kim | Gyeongnam National University of Science & Technology
Jae Young Kim | Gyeongnam National University of Science & Technology
Sam Woong Kim | Gyeongnam National University of Science & Technology
Jung Seok Choi | Gyeongnam National University of Science & Technology
Eun Mi Lee | Gyeongnam National University of Science & Technology
Jeongim Ha | Gyeongnam National University of Science & Technology
Hwa Chun Park | Dasan Pig Breeding Co.
ICCBES-1326

Novel Identification of Reproduction Associated-Differentially Expressed Genes Correlated with Differential Methylation in Pig

Jeongim Ha | Gyeongnam National University of Science & Technology
Eun Mi Lee | Gyeongnam National University of Science & Technology
Jung Hye Hwang | Gyeongnam National University of Science & Technology
Eun-Jung Kim | Gyeongnam National University of Science & Technology
Seul Gi Kwon | Gyeongnam National University of Science & Technology
Da Hye Park | Gyeongnam National University of Science & Technology
Tae Wan Kim | Gyeongnam National University of Science & Technology
Deok Gyeong Kang | Gyeongnam National University of Science & Technology
Jae Young Kim | Gyeongnam National University of Science & Technology
Sam Woong Kim | Gyeongnam National University of Science & Technology
Jung Seok Choi | Gyeongnam National University of Science & Technology
Il-Suk Kim | Gyeongnam National University of Science & Technology
Chul Wook Kim | Gyeongnam National University of Science & Technology

ICCBES-1179

Molecular Analysis of Indonesia Maize Inbred based on SSR Markers

Dedi Ruswandi | Padjadjaran University
Budi Waluyo | Brawijaya University
Yuyun Yuwariah | Padjadjaran University
Edy Suryadi | Padjadjaran University

ICCBES-1286

Removal of Pb(II) ions by glycine-functionalized magnetic nanoparticles entrapped calcium alginate beads

Surendra Prasad | The University of the South Pacific, Suva, Fiji
Masafumi Yoshida | Tokyo City University
Kinuko Nihara | Tokyo City University
Shio Murakami | Tokyo City University

ICCBES-1209

Indole-3-Acetic Acid-Induced Phenotypic Plasticity in the Green Alga Desmodesmus

Tan-Ya Chung | National Changhua University of Education
Chih-Yen Kuo | National Changhua University of Education
Jui-Yu Chou | National Changhua University of Education
ICCBES-1210
The Influence of Environmental Factors on the Pattern of Mitochondrial Inheritance in Yeast Hybrids
Yu-Yi Hsu | National Changhua University of Education
Jui-Yu Chou | National Changhua University of Education
Session Chair: Prof. Shu-Chen Wu

ISEPSS-2573
Children’s Sense-Making of Their Daily Activities
Shu-Chen Wu | The Hong Kong Institute of Education

ISEPSS-2466
The Research on Parent’s Language Control Types and Infant's Empathic Ability
Ga Gyoeng Lee | Korea National University of Education
Suk Ja Kim | Korea National University of Education
Hee Ju Hong | Keimyung University

ISEPSS-2560
Mapping and Remapping the Old Capital: Geographical and Textual Hybridity in Zhu Tianxin’s “The Old Capital”
Jung-Hsuan Chen | Takming University of Science and Technology

ISEPSS-2571
The Meaning of the Old Sakhalin Returnees Volunteer Activity
Young Soon Kim | Inha University
Bong Su Park | Inha University

ISEPSS-2547
Psychosocial Factors That Influence Self Regulated Learning for Gifted Students
Nur Eva | Airlangga University, Surabaya, Indonesia

ISEPSS-2533
Language Learning Strategy Use of University Foreign Language Majors in Central Taiwan
Chih-Hui Chang | Da-Yeh University
He-Ling Su | Da-Yeh University
Management (5)/ Communication (2)

Wednesday, May 11, 2016  16:30-18:00  Room 1005

Session Chair: Prof. Chih-Hsien Chen

ICSSAM-1881
Differences in Implementation and Implication of O2O (Online-to-Offline) Commerce in Indonesia and Other Countries
Hsi-Peng Lu | National Taiwan University of Science and Technology
Riza Prapscatama Agusdin | National Taiwan University of Science and Technology
Yu-Ting Chang | National Taiwan University of Science and Technology

ICSSAM-1884
Leader Member Exchange and Intention to Quit: The Mediating Roles of Employee Satisfaction
Muhammad Cholil | Sebelas Maret University

ICSSAM-1889
Online Social Support and Use of SNSs among College Students: Relationship to Online and Offline Social Skills
Shu Yin Yu | Ming Chuan University

ICSSAM-1890
Capital, Taste, and the Third Person Effect: The Analysis of the Self-Other Discrepancy of Presumed Influences of Art Coverage from the Perspective of Pierre Bourdieu
Chih-Hsien Chen | National Kaohsiung University of Applied Sciences

ICSSAM-1999
Credible Online News? Yes or No
Akmar Hayati Ahmad Ghazali | Universiti Putra Malaysia
Rahmawati Nurdin | Universiti Putra Malaysia
Sharil Nizam Nizam | Universiti Putra Malaysia

ICSSAM-2146
Statistics Model for Meteorological Forecasting Using Fuzzy Logic Model
Nitaya Jantakoon | Rajabhat Maha Sarakham University
ICEAI-959
Review on Classification and Time Series Prediction Methods
Najmeh Sadat Jaddi | National University of Malaysia
Salwani Abdullah | National University of Malaysia

ICEAI-1014
A New Security Design Concept Based on the Authentication Protocol and Anti-Collision Algorithm in RFID System
Chuan-Gang Liu | Chia-Nan University of Pharmacy and Science
Yu-Min Huo | National Cheng Kung University
Jung-Shian Li | National Cheng Kung University
Wei-Li Huang | National Cheng Kung University
I-Hsien Liu | National Cheng Kung University

ICEAI-1126
First Language Recognition of Spoken English Using Audio Features
Yin-Fu Huang | National Yunlin University of Science and Technology
Wei-Sheng Wang | National Yunlin University of Science and Technology

ICEAI-954
A New Scheme to Increase the Address Space of IPv4
Sanjay Kumar | Pandit Ravishankar Shukla University
ICEAI-1208
Real-Time Transcoding and Cloud Resource Allocation of Adaptive Multimedia Stream System for Multiple Channels and Multiple Users
Hui-Kai Su | National Formosa University
Cheng-Shong Wu | National Chung Cheng University
Chang-Ming Lee | National Chung Cheng University
Yun-Ying Zeng | National Chung Cheng University
Yan-Sun Chu | National Chung Cheng University
Ching-Lung Chang | National Yunlin University of Science and Technology

ICEAI-1149
Identification of Disease on Leaf Soybean Image Using Learning Vector Quantization
Candra Dewi | University of Brawijaya
Muhammad Sa’idul Umam | University of Brawijaya
Imam Cholissodin | University of Brawijaya
Biological Sciences (2)

Wednesday, May 11, 2016       16:30-18:00       Room 1007

Session Chair: Prof. Anurug Poeaim

ICCBES-1213

Plant Growth-Promoting Traits of Yeasts Isolated from Drosera Spatulata Lab.
Pei-Feng Sun | National Changhua University of Education
Shih-Feng Fu | National Changhua University of Education
Hsuheh-Yu Lu | National Changhua University of Education
Jyuan-Yu Wei | National Changhua University of Education
Hong-Su Xiao | National Changhua University of Education
Wei-Ta Fang | National Taiwan Normal University
Bai-You Cheng | TransWorld University
Jui-Yu Chou | National Changhua University of Education

ICCBES-1295

Immunostimulant Potential of Aqueous Extract Bangunbangun (Plectranthus Amboinicus L. Spreng) Leaf in Rat Induced BCG as Antigen
Melva Silitonga | State University of Medan
Pasar Maulim Silitonga | State University of Medan

ICCBES-1299

Isolation, Characterization and Screening for Anticancer and Antimicrobial Properties of the Crude Extract from Genus Neosartorya
Supattra Poeaim | King Mongkut’s Institute of Technology Ladkrabang
Kongluekai Tongkantom | King Mongkut’s Institute of Technology Ladkrabang
Prapaiporn Jabamrun | King Mongkut’s Institute of Technology Ladkrabang
On Bo-Kaew | King Mongkut’s Institute of Technology Ladkrabang
Mayamor Soytong | King Mongkut’s Institute of Technology Ladkrabang
ICCBES-1302
Optimization for Callus Induction and Plant Regeneration from Mature Seeds of Thai Rice Variety: Nam Roo (Oryza sativa L.)
Anurug Poeaim | King Mongkut’s Institute of Technology Ladkrabang
Supattra Poeaim | King Mongkut’s Institute of Technology Ladkrabang
Ranyikar Poraha | King Mongkut’s Institute of Technology Ladkrabang
Saengthong Pongjaroenkit | Maejo University
Pradit Pongthongkam | Thepstrí Rajabhat University

ICCBES-1244
Monitoring of D-Penicillamine in Aqueous Environmental Samples Based on Inhibitory Kinetic Method as an Analytical Tool
Masafumi Yoshida | Tokyo City University
Surendra Prasad | The University of the South Pacific

ICCBES-1265
Utilization of Meat and Waste from Sandfish (Holothuria Scabra) Environmentally Friendly for Anti-Aging Source Material for Elderly Woman
Etty Riani | Bogor Agricultural University
Chairunissa Chairunissa | Bogor Agricultural University
Hera Maheswari | Bogor Agricultural University
Muhammad Dzikrifishofa | Regional General Hospital of Leuwiliang, Regency of Bogor
ICEAI-1105
Hybrid Trust-Aware Content Placement Scheme for Wireless Mesh Network in the Disaster Area
Yong-Jun Seo | Korea Advanced Institute of Science & Technology
Sang-Hyun Lee | Korea Advanced Institute of Science & Technology
Eun-Jung Lee | Korea Advanced Institute of Science & Technology
Hong-Shik Park | Korea Advanced Institute of Science & Technology

ICEAI-1183
Nonlinear Saturable Absorbers based on Graphene Directly Synthesized onto Device Surface with Telecom Laser
Pulak C. Debnath | Korea Institute of Science and Technology
Jaehyun Park | Korea Institute of Science and Technology
Yong-Won Song | Korea Institute of Science and Technology

ICEAI-1192
Design of Fractional Order Model Reference Adaptive Controller
Ozkan Atan | Yuzuncu Yil University
Mustafa Turk | Firat University

ICEAI-1203
Grid Tied Fuel Cell System Using Single Phase PLL Based SOGI with PI and PR Current Controllers
M.Emin Meral | Yuzuncu Yil University
Doğan Çelik | Yuzuncu Yil University
ICEAI-1207
Highly Sensitive Airgap Fiber Fabry-Pérot Interferometer Based on Multilayer Dielectric
Thin Film Coated on the Fiber Endfaces
Wei-Chieh Lee | National United University
Nai-Jie Huang | National United University
Cyun-Lun Zeng | National United University
Fan-Bean Wu | National United University
Cheng-Ling Lee | National United University

ICEAI-1196
Measurement of Temperature Dependent Thermal Expansion Coefficient of Polymer in a
Microcavity Hollow Core Fiber Fabry – Pérot Interferometer
Hsiu-Yu Fan | National United University
Shih-Hsiang Lu | National United University
Jheng-Hong Gu | National United University
Cheng-Ling Lee | National United University
Management (6)

Thursday, May 12, 2016 08:45-10:15 Room 1005

Session Chair: Prof. Chi-Leung Chu

ICSSAM-1887
Work Commitments to Mediate the Effect of Work Satisfaction on Performance and Intention to Leave Jobs of the Workers of Assalam Hypermarket in Surakarta, Indonesia
Muthmainah Muthmainah | Sebelas Maret University

ICSSAM-1896
Conic Optimization Approach to Supply Chain Inventory Coordination
Chi-Leung Chu | National Chiayi University
Vincent C. Li | National Chiayi University

ICSSAM-1907
Study on Dynamic Evolution of Strategic Group Structure Applying Hidden Markov Model to Firm Performance
Chiung Fen Chang | National Kaohsiung First University of Science and Technology

ICSSAM-2159
Old-age Frailty Patterns and Implications for Long-term Care Programs
Joelle H. Fong | SIM University
Law

Thursday, May 12, 2016 08:45-10:15  Room 1006

Session Chair: Prof. Rebecca Lee

ICSSAM-1899
Trusts for Mentally Incapacitated Persons
Rebecca Lee | The University of Hong Kong

ICSSAM-2056
Is China Lack of Regulatory Safeguards for Financial Consumers?
Raymond Siu Yeung Chan | Hong Kong Baptist University
Angus Young | Hong Kong Baptist University

ICSSAM-2075
Government Accountability: Thinking of Local Autonomy and Autonomy Villages in Indonesia
Busrizalti Busrizalti | Widyatama University
Diana Sari | Widyatama University

ICSSAM-1888
Recognition of Youth Rights in Malaysia: Should They Be Codified?
Zainal Amin Ayub | Universiti Utara Malaysia
Asmah Laili Yeon | Universiti Utara Malaysia
Siti Alida John Abdullah | Universiti Utara Malaysia
Rozita Arshad | Universiti Utara Malaysia
Alias Azhar | Universiti Utara Malaysia

ICSSAM-2006
Defining the Right of Privacy in Indonesia
Nenny Rianarizkiwati | UNIVERSITAS INDONESIA

ICSSAM-2111
Financial Management Model of Public Service Agency in the Higher Education Institution in Indonesia
Mevi Primaliza Primaliza | UNIVERSITAS INDONESIA
Biological Sciences (3)

Thursday, May 12, 2016 08:45-10:15  Room 1007

Session Chair: Prof. Hiroshi Uechi

ICCBES-1073
A New Approach to Nonlinear Dynamical Systems with Conservation Law and Stability
Hiroshi Uechi | Osaka Gakuin University
Lisa Uechi | The University of Tokyo

ICCBES-1276
Homology Modeling and Docking Studies of Cloned Tyramine-β-Hydroxylase (TβH) from Drosophila Melanogaster
Md. Nazmul Hasan | Kyushu University
Abdullah Zubaer | University of Manitoba
Mohammad Jakir Hosen | Shahjalal University of Science and Technology
Hiroto Ohta | Kumamoto University
Jae Man Lee | Kyushu University
Takahiro Kusakabe | Kyushu University
Akinori Hirashima | Kyushu University

ICCBES-1317
Karyotype of Local and Imported Garlic (Allium sativum) in North Sumatera Indonesia
Tumiur Gultom | Medan State of University
Artha Manurung | Medan State of University
ICCBES-1327
Towards Understanding the Response Mechanisms to Cadmium Toxicity by Mangrove Fungus Trichoderma Atroviride
Mariam Taib | Universiti Malaysia Terengganu
Noor Afiza Badaluddin | Universiti Sultan Zainal Abidin
Syarul Nataqain Baharum | Universiti Kebangsaan Malaysia
Nur Faizah Mustapha Kamil | Universiti Malaysia Terengganu
Premasangery Kathivaloo | Universiti Malaysia Terengganu
Siti Athirah Mohamad Jamali | Universiti Malaysia Terengganu
Jamilah Mohd Salim Halim | Universiti Malaysia Terengganu
Aziz Ahmad | Universiti Malaysia Terengganu
Tengku Sifzizul Tengku Muhammad | Universiti Malaysia Terengganu
Noraznawati Ismail | Universiti Malaysia Terengganu

ICCBES-1364
Proteolysis Mediated ER Exit of Neuroligin 2 Regulates Synapse Development in Drosophila
Renjun Tu | Southeast University
Jinjun Qian | Southeast University
Mingkuan Sun | Southeast University
Wei Xie | Southeast University

ICCBES-1115
Simple and Rapid Determination of Norfloxacin Using Paper-Based Platforms in Food and Pharmaceutical Samples
Kwanchanok Wanawananon | Chiang Mai University
Kanyarak Prasertboonyai | Chiang Mai University
Narabhats Rannurags | Chiang Mai University
Saisunee Liawruangrath | Chiang Mai University
Education (6)

Thursday, May 12, 2016 10:30-12:00  Room 1004

Session Chair: Prof. Edna Luz Raymundo Abulon

ISEPSS-2520
The Effect of Gardening Activities for Education for Sustainable Development on the Coexistence Literacy of Children
Hye Hyun Koo | Korea National University of Education
Suk Ja Kim | Korea National University of Education
Hee Ju Hong | Kemyung College University

ISEPSS-2524
Technology for On-Line Teaching: Learning and Assessment
Yuanshan Cheng | Nanyang Technological University

ISEPSS-2528
Assessment of Self-Identified Learning Outcomes for Students in a Graduate-Level Professional Program Online Course
Olajide O. Agunloye | Augusta University

ISEPSS-2551
A Narrative Analysis of Conversations with Graduates Who Did not Pursue Teaching: Inputs to Teacher Education Policies in the Philippines
Edna Luz Raymundo Abulon | Philippine Normal University
Teresita Tabbada Rungduin | Philippine Normal University

ISEPSS-2556
Influences of Bilingual Education on University General Education
Jie Yang | The Chinese university of Hong Kong

ISEPSS-2526
Ameliorating Learning Gaines thru the Development of Instructional Materials
Judy Labrador Ricardo | Isabela State University - Ilagan
Management (7)

Thursday, May 12, 2016 10:30-12:00 Room 1005

Session Chair: Prof. Wei-Feng Tung

ICSSAM-1917
Developing Workers Skill by Feedback Training to Change Behavior with Facilitation
Kitiyawadee Tirathamcharoen | King Mongkut’s University of Technology Thonburi
Anucha Watanapa | King Mongkut’s University of Technology Thonburi
Wisitsree Wiyaratn | King Mongkut’s University of Technology Thonburi
Chotika Viriyarattanasak | King Mongkut’s University of Technology Thonburi

ICSSAM-1944
Animated Spokes-Characters and Brand Match-up on Affecting the Operation Model of Chinese Animation
Li-Yu Tseng | Nanfang College of Sun Yat-Sen University
Min-Jing Mai | Nanfang College of Sun Yat-Sen University

ICSSAM-1945
Exploratory Research of the Career Plateau from the Middle and lower Level Managers in a Retail Company
Li-Yu Tseng | Nanfang College of Sun Yat-Sen University
Qi-Tao Lao | Nanfang College of Sun Yat-Sen University

ICSSAM-1948
Developing and Analyzing Optimal Tagging Selection on Social Media
Wei-Feng Tung | Fu-Jen Catholic University
Yan-Jun Huang | Fu-Jen Catholic University

ICSSAM-2007
Getting Great Design Strategy Well-Executed: A Toolbox for Implementation of the SSFD Model
Kim C. K. Lee | Chaoyang University of Technology
Society (2)

Thursday, May 12, 2016  10:30-12:00  Room 1006

Session Chair: Prof. Miu Ha Kwong

ICSSAM-1822
Japanese Apologies- Examining Socio-Cultural Conditions of Apology
Hop Quang Dinh | Yamaguchi University
Keiko Morita | University of Technology Sydney

ICSSAM-1838
Interpretations of the Experience with Significant Others: Findings from Narratives of Chinese Female Illicit Drug Users
Xin-Yi Liu | The Chinese University of Hong Kong
Ching-Man Lam | The Chinese University of Hong Kong

ICSSAM-1843
Volunteerism: Factors of Cross-Geographical Help Behaviors to Japan 311 Survivors
Miu Ha Kwong | Washburn University

ICSSAM-1915
Connection and Disconnection of Social Networking
Yung-Han Chang | University of Kang Ning

ICSSAM-1936
The Problems and Solutions of Announced Land Current Value in Taiwan
Yi-Shu Chen | National Taipei University
Chiou-Mien Lin | National Taipei University
Chemical Sciences (1)

Thursday, May 12, 2016       10:30-12:00       Room 1007

Session Chair: Prof. Alfred Antony Christy

ICCBES-1047
Glucose-Derived Nitrogen-Doped Hierarchical Hollow Nest-Like Carbon Nanostructure from a Novel Template-Free Method as an Outstanding Electrode Material for Supercapacitors
Jiyuan Liang | National Tsinghua University
Chun-Chieh Wang | National Tsinghua University
Shih-Yuan Lu | National Tsinghua University

ICCBES-1070
Ternary Liquid-Liquid Equilibria of Dimethyl Carbonate + 2-Methyl-1-Propanol and 2-Methyl-2-Propanol + H2O Systems AT 303.15 and 313.15 K
Rizqy Romadhona Ginting | Sepuluh Nopember Institute of Technology (ITS) Surabaya
Asalil Mustain | State Polytechnic of Malang
Gede Wibawa | Sepuluh Nopember Institute of Technology (ITS) Surabaya

ICCBES-1084
Removal of Volatile N-Nitrosamines from Tobacco Smoke Using Local Natural Zeolites
Imeda Rubashvili | Ivane Javakhishvili Tbilisi State University
Luba Eprikashvili | Ivane Javakhishvili Tbilisi State University
Teimuraz Kordzakhia | Ivane Javakhishvili Tbilisi State University

ICCBES-1094
Thermally Induced Dehydration of Castor Oil Studied by Infrared Spectroscopy and Gas Chromatography
Alfred Antony Christy | University of Agder

ICCBES-1105
Energy Efficiency Improvement of Integrated Biomass Gasification Fuel Cell Power System
Woranee Paengjuntuek | Thammasat University
Jitti Mungkalasiri | National Science and Technology Development Agency
Education (7)

Thursday, May 12, 2016 13:00-14:30 Room 1004

Session Chair: Prof. Marie Paz Escano Morales

ISEPSS-2561
Stimulating Physics in Action thru Designing “Laro ng Lahis (Traditional Game-Based)” Physics Activities
Marie Paz Escano Morales | Philippine Normal University

ISEPSS-2565
An Unaccredited Alternative School Principal’s Life History in Perspective of the Practical Knowledge Forming Process
Hee Choi | Inha University
Kyunghee Jung | Inha University

ISEPSS-2566
A Study on Reinforcing the Tutor’s Ability in Mentoring Multicultural Students
Young Hun Oh | Inha University
Hyunhee Bang | Inha University

ISEPSS-2567
A Study on the Mentor’s Intercultural Communicative Competences through Multicultural Students Mentoring Experience
Se Kyung Oh | Inha University

ISEPSS-2570
A Research on Mentor’s Experiences in Providing Career Support through the Mentoring for Multicultural Families
Mi Soon Kim | Inha University
Mi Jung Lee | Inha University

ICSSAM-2088
The Status of Nurse Faculty in Quezon Province and Its Competency Enhancement Program
Susana Ariola Salvacion | Southern Luzon State University Lucban Quezon
Finance (1)

Thursday, May 12, 2016 13:00-14:30  Room 1005

Session Chair: Prof. Diana Sari

ICSSAM-1766
The IPO Underpricing with Pre-IPO Emerging Stock Market
Hsuan-Chi Chen  |  University of New Mexico
Sheng-Ching Wu  |  Da-Yeh University

ICSSAM-1879
Corporate Governance and Islamic Social Responsibility Disclosure: A Case Study on Islamic Banking in Indonesia
Falikhatun  |  Sebelas Maret University
Yasmin Umar Assegaf  |  Sebelas Maret University

ICSSAM-1960
An Analysis of Country Governance Impact to the Revenue Efficiency of Islamic and Conventional Banks in GCC Countries
Fakarudin Kamarudin  |  Universiti Putra Malaysia
Fadzlan Sufian  |  Taylor’s University
Annuar Md. Nassir  |  Universiti Putra Malaysia

ICSSAM-2033
International Stock Market Information Spillover: Evidence from the Korea Stock Market
HyunSeok Kim  |  Seoul National University
Jiuk Choi  |  The Bank of Korea
JungMin Han  |  Seoul National University

ICSSAM-2038
The Relationship between Corporate Social Responsibility and Corporate Performance, Evidence from Mainland China
Jie Jiang  |  Fu Jen Catholic University
ICSSAM-2098
The Influence of Corporate Social Responsibility Disclosure on the Financial Performance, Fiscal Correction and Tax Aggressiveness on Mining Company Listed in Bei
Diana Sari | Widyatama University
Happy Herawati | Widyatama University

ICSSAM-2135
The Effect of Corporate Governance on Financial Reporting Quality
Xindi Luo | Fu Jen Catholic University
Ruey-Ching Lin | Fu Jen Catholic University
Society (3)

Thursday, May 12, 2016 13:00-14:30 Room 1006

Session Chair: Prof. Santosh C Saha

**ICSSAM-1950**
Community Heritage Preservation Model in Hong Kong: A Case Study of Blue House Preservation and Revitalization Project
Ka Chui, Isaac Ng | City University of Hong Kong

**ICSSAM-1966**
Amartya Sens Agency Power for Empowerment of Women in India
Santosh C Saha | University of Mount Union

**ICSSAM-2004**
An Analytical Study of the Factors Causing Sexual Deviation as Depicted in the Buddhist Scriptures
Phramaha Nantakorn Ket-in | Mahaculalongkornrajvidyalaya University

**ICSSAM-2015**
Community Resilience in Overcoming Untidiness Due to the Flood in Kemijen Village Semarang
Nany Yuliastuti | Diponegoro University
Mardwi Rahdriawan | Diponegoro University
Sugiono Soetomo | Diponegoro University

**ICSSAM-2040**
Build an Ethnic Identity through Imaginary World: A Nethnography of Salakanagara
Firstdha Harin Regia Rohmatunisa | Brawijaya University
Chemical Sciences (2)/ Industrial Engineering (2)/

Environmental Sciences (5)

Thursday, May 12, 2016 13:00-14:30 Room 1007

Session Chair: Prof. Chaoyuan Zhu

ICCBES-1239
α-Glucosidase Inhibitor from the Fruit of Helicteres Isora Linn
Wimolpun Rungprom | Phranakhon Si Ayutthaya Rajabhat University

ICCBES-1262
Molecular Absorption and Fluorescence Spectra in Solution Simulated by Damped Franck-Condon Factors
Chaoyuan Zhu | National Chaio-Tung University

ICCBES-1268
Toluene Destruction by Non-Thermal Plasma in Corona Discharge Reactor
Malee Santikunaporn | Thammasat University
Snunkhaem Echaroj | Thammasat University
Non Srisawaivilail | Thammasat University
Jantamanee Machachanon | Thammasat University
Channarong Asavatesanupap | Thammasat University

ICEAI-1035
A Feasible Approach to Camber Angle Measurement for Vehicle Wheel Alignment
Jieh-Shian Young | National Changhua University of Education
Chih-Yuan Chuang | National Changhua University of Education

ICEAI-1229
Analyzing Coastal Vulnerability Index Using Integrated Satellite Remote Sensing and Geographic Information System: A Case Study of Denpasar Coastal Zone
Bambang Semedi | University of Brawijaya
Badrul Huda Husain | University of Brawijaya
Nurin Hidayati | University of Brawijaya
ICEAI-1202
Phytoremediation of Lead (Pb) For Ecosystems Contaminated Sidoarjo Mud Volcano Using Cat Tail (Typha latifolia L.)
Tarzan Purnomo | Universitas Negeri Surabaya
ISEPSS-2473
Effects of Bullying Victimization Experience and Special Education Placement on Psychological Distress in Adolescents with Physical Disabilities in Taiwan
Fu-Gong Lin | National Defense Medical Center

ISEPSS-2475
Professional Identity and Role Expectations of Hong Kong Secondary School Social Workers: Issues and Challenges
Mow Chiu Raymond Chan | Hong Kong Baptist University
Kam Sheung Irene Chow | Caritas Hong Kong

ISEPSS-2477
Effect of Integrating Exercise into Classroom Instruction: A Case Study on Children with Autism Spectrum Disorder
Siao Yen Wong | HappyLand Special Edu Centre
Kee Jiar Yeo | University Technology Malaysia

ISEPSS-2510
Early Identification and Intervention in Early Years: Perception of Preschool Teachers
Saraswatee Rajiah | Mauritius Institute of Education
Salim Aliraja | University of Kwa Zulu Natal

ISEPSS-2514
An Analysis of Art Activities for Arts Convergence Education: Focused on the Age 5 Nuri-Curriculum Teacher’s Guidebooks.
Kyoung Hye Lee | Korea National University of Education
Suk Ja Kim | Korea National University of Education
Hee Ju Hong | Kemyung College University
Economics/Finance (2)

Thursday, May 12, 2016 14:45-16:15 Room 1005

Session Chair: Prof. Joseph A. McKinney

ICSSAM-1792
The Modeling of the Operations Capability in Community Enterprise, Thailand
Sakkarin Wangkahart | Udon Thani Rajabhat University
Subchat Untachai | Udon Thani Rajabhat University

ICSSAM-1952
Foreign Direct Investment in ASEAN: Factors Affecting and Its Impact on Sustainable Development
Wahyuningsih Santosa | Trisakti University
Yuswar Zainul Basri | Trisakti University
Muhammad Zilal Hamzah | STIE Bisnis Indonesia

ICSSAM-1971
The Trans-Pacific Partnership Agreement: Building Block or Stumbling Block for the World Trading System
Joseph A. McKinney | Baylor University

ICSSAM-2063
Valuation of Implicit Human Capital: Cost-Benefit Approach
Thoedsak Chomtohsuwan | Rangsit University

ICSSAM-1700
Individual Auditor Turnover Decision, Litigation Risk, and Audit Quality
Raymond M. K. Wong | City University of Hong Kong
Agnes W. Y. Lo | Lingnan University

ICSSAM-1763
Fair Value Accounting and the Cost of Debt
Haiping Wang | York University
Michel Magnan | Concordia University
Yaqi Shi | Western University
ICSSAM-1849

The Role of Islamic Microfinance in Empowering Women Entrepreneurs in Indonesia
Rr Sita Dewi Kusumaningrum | Universitas Islam Indonesia
Ninik Sri Rahayu | Universitas Islam Indonesia
Society (4)

Thursday, May 12, 2016 14:45-16:15 Room 1006

Session Chair: Prof. I-Shian (Ivan) Suen

ICSSAM-1774
Strategic for Potential Development of Sangha to Create Reconciliation in Community
PhrakhruSangwornsutakit - Upasod | Mahachulalongkornrajavidyalaya University

ICSSAM-1807
Demographic Profile of Places Experiencing Residential Mobility and Its Relationship with Proximity to Work and Non-Work Destinations, Rental Housing and Public Transportation
I-Shian (Ivan) Suen | Virginia Commonwealth University

ICSSAM-2049
The Emergence of Cosmopolitan Shariah: Halal Tourism in Indonesia
Baiq Wardhani | Universitas Airlangga

ICSSAM-2065
Innovative Design Process with Oxymoron Method
Hsiaoyuan Ho | Tatung University
Hsien-Jung Cheng | Tatung University
Pang-Yen Tsai | Tatung University
Yung-Chin Tsao | Tatung University

ICSSAM-2101
The Application of PETTLEP Imagery Exercise to Competitive Anxiety and Concentration in Surabaya Archery Athletes
Nanik Indahwati | State University of Surabaya
Kolektus Oky Ristanto | State University of Surabaya

ICSSAM-2093
Increasing Artistic Gymnastic Student Athletes’ Concentration with Self-Hypnosis Method
Nur Hasan | Universitas Negeri Surabaya
Miftakhul Jannah | Universitas Negeri Surabaya
ICEAI-1054
Use of Nano-SiO2 and Nano-Al2O3 as an Additive to Improve Strength Development of Fly Ash-Portland Cement Geopolymer
Tanakorn Phoo-Ngernkham | Rajamangala University of Technology Isan
Sakonwan Hanjitsuwan | Lampang Rajabhat University
Jirayut Suebsuk | Rajamangala University of Technology Isan
Prinya Chindaprasirt | Khon Kaen University

ICEAI-1062
Manufacturing Geopolymer Brick from Bottom Ash and Portland Cement
Sakonwan Hanjitsuwan | Lampang Rajabhat University
Tanakorn Phoo-Ngernkham | Rajamangala University of Technology Isan

ICEAI-1070
Comparison between Linear and Non-Linear Analysis of Slender Concrete Walls Subjected Axial Load with an Eccentricity
D. J. Lee | Seoul National University of Science and Technology
S. T. Oh | Seoul National University of Science and Technology
Y. S. Kim | Seoul National University of Science and Technology
S. H. Jeong | Seoul National University of Science and Technology
S. M. Jun | Seoul National University of Science and Technology

ICEAI-1083
Strength of Cement Stabilized Sulfate Silty Clay
Apichit Kampala | Rajamangala University of Technology Isan
Luan Suerpadgorn | Rajamangala University of Technology Isan
Wichien Sangaroon | Rajamangala University of Technology Isan
ICEAI-1091

Effects of Construction Joints and Axial Loads on Slip Behavior of RC Shear Walls

Rado Ramarozatovo | Nagoya Institute of Technology
Jun Hosono | Nagoya Institute of Technology
Taishi Kawai | Nagoya Institute of Technology
Susumu Takahashi | Nagoya Institute of Technology
Toshikatsu Ichinose | Nagoya Institute of Technology
**Poster Session (1)**

**Chemical Sciences (1)/ Electrical Engineering (1)**

**Wednesday, May 11, 2016**
**09:30-10:30**
**Room 1008**

**ICCBES-1065**
Control of Enzyme-Like Gold Nanoparticles for Sensing of Heavy Metal Ions and Proteins
Chih-Ching Huang | National Taiwan Ocean University

**ICCBES-1081**
Pyridylidene-Mediated Dihydrogen Activation Coupled with Catalytic Imine Reduction
Johanna Auth | University of Basel
Andreas Pfaltz | University of Basel

**ICCBES-1085**
Dehydrogenation Kinetic Improvement of LiBH4-MgH2 Composite by Doping with Activated Carbon Nanofibers as Hydrogen Storages for Fuel Cells
Rapee Utke | Suranaree University of Technology
Sophida Thiangviriya | Suranaree University of Technology

**ICCBES-1114**
Fabrication of Conducting Polymer Nanowires Based on Edge Effect of Nanoimprint Lithography
Gang Shi | Jilin University
Lingxiao Liu | Jilin University
Daren Xu | Jilin University
Nan Lu | Jilin University

**ICCBES-1123**
A Study on Torrefaction of Dimocarpus Longan Biomass
Jung-Chin Tsai | Ming Chi University of Technology
Yi-Tun Hsu | Ming Chi University of Technology
ICCBES-1124

Biomass Gasification in a Bubbling Fluidized Bed
Jung-Chin Tsai | Ming Chi University of Technology
Chiao-Sung Wu | Ming Chi University of Technology
Wan-Ju Li | Ming Chi University of Technology

ICCBES-1127

Preparation of Ni-doped TiO2 Photocatalysts and Theirs Photocatalytic Properties under Visible Irradiation
Cheewita Suwanchawalit | Silpakorn University
Apinat Reanpong | Silpakorn University

ICCBES-1128

Long-Term Stability of Dye-Sensitized Cells with Different Dye-Covered TiO2 Electrodes
Fang-Chi Chang | Ming Chi University of Technology
Shun-Chi Chen | Ming Chi University of Technology
Po-Tsung Hsiao | Industrial Technology Research
Jung-Pin Chiu | Industrial Technology Research
Yung-Liang Tung | Industrial Technology Research

ICCBES-1129

Effect of Carbon Sources on Performance of LiFePO4 Cathode Materials
Wen-Chen Chein | Ming Chi University of Technology
Tzu-Sheng Chen | Ming Chi University of Technology
Chia-Hsuan Li | Ming Chi University of Technology

ICCBES-1152

Histone Deacetylase Inhibition of Minor Phenolic Compounds from Zingiber Officinale and Molecular Docking Stud
Pakit Kumoonma | Khon Kaen University
Thanaset Senawong | Khon Kaen University
Somprasong Saenglee | Khon Kaen University
Khatcharin Siriwong | Khon Kaen University
Chavi Yenjai | Khon Kaen University
Chanokbhorn Phaosiri | Khon Kaen University
ICCBES-1157
Chemical Composition and Biological Activities of Essential Oil from Fine Scrap and Short Stem Virginia and Burley Tobacco (Nicotiana Tabacum L.)
Chatchanok Sansri | Chiang Mai University
Aphiwat Teerawutgulrag | Chiang Mai University
Jiraporn Kulsarin | Chiang Mai University

ICCBES-1158
Synthesis of Diamondback Moth (Plutella Xylostella (L.)) Sex Pheromone
Rachaneebhorn Inkum | Chiang Mai University
Aphiwat Teerawutgulrag | Chiang Mai University
Jiraporn Kulsarin | Chiang Mai University
Wipanoot Baison | Chiang Mai University

ICCBES-1162
Study on the Synthesis of Styrenated Phenol Using Organometallic Catalysts
Seokhwan Son | Sunchon National University
Seungmin Lee | Sunchon National University
Hogeun Ahn | Sunchon National University
Hyunjun Yun | Sunchon National University
Minchul Chung | Sunchon National University
Wonbong Kwak | SFC. Co., Ltd.
Sunghun Jung | SFC. Co., Ltd.

ICCBES-1165
Preparation of Styrenated Phenol by Alkylation of Phenol with Styrene over H$_2$SO$_4$-Treated M$_2$O$_y$ Catalysts
Jangho Cho | Sunchon National University
Hyeonjun Yun | Sunchon National University
Minchul Chung | Sunchon National University
Seokwhan Son | Sunchon National University
Ho-Geun Ahn | Sunchon National University
Yeongho Lee | Sunchon National University
Eun Ju Shin | Sunchon National University
Wonbong Kwak | SFC. Co., Ltd.
Sunghun Jung | SFC. Co., Ltd.
ICCBES-1173
The Investigation of Applications of TiO2 Nanomaterials in Rutile and Anatase Structures onto Denim Fabric
Özlen Altun | Trakya University
Nilgün Becenen | Trakya University

ICCBES-1174
Manganese Cyclohexane Dicarboxylic Acid: Synthesis and Examination of its Properties
Gühergül Uluçam | Trakya University
Özlen Altun | Trakya University

ICCBES-1175
ZnO and Ag Nanomaterials: Applications onto Denim Fabric
Nilgün Becenen | Trakya University
Özlen Altun | Trakya University

ICCBES-1185
Preparation of MoS2 Based MRI Contrast Agent for in Vivo Bio-Imaging
Hsieh-Chih Tsai | National Taiwan University of Science and Technology

ICCBES-1203
Folate-Targeted and Thermo-Responsive Mixed Micelles for Photothermal and Photodynamic Therapy
Tung-Yun Wang | National Chung Cheng University
Yu-Ying Chien | National Chung Cheng University
Ching-Yi Chen | National Chung Cheng University

ICCBES-1204
Colloidal Stability of Poly (Sulfobetaine Methacrylate)-Grafted Gold Nanoparticles in Protein Solutions
Chia-Chang Fan | National Chung Cheng University
Chen Ching-Yi | National Chung Cheng University
ICCBES-1241
Comparison of Effect of Non-Meat Natural Ingredients on Physico-Chemical Properties of Pork Emulsion
Sangkeun Jin | Gyeongnam National University
Sungho Kim | Gyeongnam National University
Sora Ha | Gyeongnam National University
Heejun Jung | Gyeongnam National University
Chulwook Kim | Gyeongnam National University
Jaeyoung Kim | Gyeongnam National University
Taewan Kim | Gyeongnam National University
Samwoong Kim | Gyeongnam National University
Jeongim Ha | Gyeongnam National University
Eunmi Lee | Gyeongnam National University
Jungseok Choi | Gyeongnam National University

ICEAI-1059
The Effects of VO$_4$ Substitution on the Sintering and Microwave Properties of Ca$_4$(La$_4$Pr$_2$)(SiO$_4$)$_4$PO$_4$$_2$O$_2$ and Ba$_4$(La$_4$Pr$_2$)(SiO$_4$)$_6$O$_2$
Hong Bo Yang | Tatung University
Y-J Lin | Tatung University
S-F Wang | National Taipei University of Technology

ICEAI-1158
Effective Suppression of PdSn4 Growth in the Solder Joints with Pd substrate by Minor Ga Additions
Chaohong Wang | National Chung Cheng University
Kuan-ting Li | National Chung Cheng University

ICCBES-1271
Thermal Instability Study of Electrolytes Reacted with Various Lithiated Cathode Materials of lithium-Ion Battery by DSC
Chih-Yi Lee | National United University
Yih-Shing Duh | National United University
Kai-Syuan Lin | National United University
Chen-Shan Kao | National United University
ICCBES-1288
Surface Modification of NF270 for Enhancing Antifouling Ability and PPCP Rejection
Yi-Li Lin | National Kaohsiung First University of Science and Technology
Jia-Zheng Tsai | National Kaohsiung First University of Science and Technology
Nai-Yun Zheng | National Kaohsiung First University of Science and Technology
Pei-Tsi Chen | National Kaohsiung First University of Science and Technology
Yu-Chi Chen | National Kaohsiung First University of Science and Technology

ICCBES-1103
Potential Application of Carbon Materials in Reducing Toxicity of Human Islet Amyloid Polypeptide
Li Wang | Jilin University
Shoujun Zhu | Jilin University
Tong Lu | Jilin University
Guangji Zhang | Jilin University
Fei Li | Jilin University

ICEAI-1012
Interfacial Reactions of Lead-Free Solders with the Ni-xPd Alloys
Pei Yu Chen | National Taiwan University of Science and Technology
Yi Shan Li | National Taiwan University of Science and Technology
Yee Wen Yen | National Taiwan University of Science and Technology
**Poster Session (2)**

**Chemical Sciences (2)/ Biological Sciences (1)/ Computer Science (1)**

**Wednesday, May 11, 2016  13:30-14:30  Room 1008**

**ICCBES-1277**  
Thermal Stability Analysis of Various Cathode Materials of Lithium-Ion Battery Reacted with Ethylene Carbonate  
Shr-Jia Jiang | National United University  
Yih-Shing Duh | National United University  
Yu-Ling Chen | National United University  
Chen-Shan Kao | National United University

**ICCBES-1281**  
First total Synthesis of Ganglioside DSG-A with Neuritogenic Activity  
Yu-Fa Wu | Chung Yuan Christian University  
Yow-Fu Tsai | Chung Yuan Christian University

**ICCBES-1290**  
CO₂-Rice Husk Co-Gasification for the Syngas Production  
Alex C.-C. Chang | Feng Chia University  
Yu-Chun Chan | Feng Chia University  
Chunmin Liu | Feng Chia University

**ICCBES-1291**  
Acetone-Butanol-Ethanol Fermentation by Corn Cob Hydrolysate  
Alex C.-C. Chang | Feng Chia University  
Yu-Chun Chan | Feng Chia University  
Chunmin Liu | Feng Chia University  
Hsin-Yi Chou | Feng Chia University
ICCBES-1314
Synthesis, Characterisation and Antimicrobial Activities of Metal Complexes Derived from Schiff Base
Bajirao Bhila Ahire | Savitribai Phule Pune University
Shantaram S. Gunjal | Savitribai Phule Pune University

ICCBES-1335
Effects of pH and Temperature on the Structure of Precipitated Calcium Carbonates for CO₂ Utilization via Mineral Carbonation
Ribooga Chang | Gwangju Institute of Science and Technology
Youngjune Park | Gwangju Institute of Science and Technology

ICCBES-1186
Spectrofluorimetric Characterization of Mixed Micelles Formed By Triton X-100 and Cationic Gemini Surfactant in Aqueous Solution
Halide Akbaş | Trakya University
İkbal Sarıkaya | Karadeniz Technical University
Sinem Kasapoğlu | Trakya University
Mesut Boz | Trakya University
Alper Dikmen | Trakya University

ICCBES-1121
Combination with Gefitinib and Curcuminoids Enhanced Two Kinds of Programmed Cell Death (Autophagic and Apoptotic Cell Death) in Human Oral Squamous Cell Carcinoma SAS Cells
Yung-Ting Hsiao | China Medical University
Ming-Ching Kao | China Medical University
Fu-Shin Chueh | Asia University
Jing-Gung Chung | China Medical University

ICCBES-1122
Apoptosis Induced by Benzyl Isothiocyanate and Phenethyl Isothiocyanate in Human Lung Cancer NCI-H460 Cells with or without Gefitinib-Resistance through Caspases Activation and Regulation of Mitochondrial-Dependent Signaling Pathway
Jing-Gung Chung | China Medical University
Mei-Due Yang | China Medical University
Fu-Shin Chueh | Asia University
ICCBES-1125
Combined Effects of Casticin and 5-Fu on the Growth Inhibit of WEHI-3 Cells In Vitro
Zheng-Yu Cheng | China Medical University
Jing-Gung Chung | China Medical University

ICCBES-1126
Combinational Treatment of All Trans Retinoic Acid (ATRA) and Bisdemethoxycurcumin (BDMC) Induced Apoptosis in Liver Cancer Cells
Ting-Yi Huang | China Medical University
Wen-Wen Huang | China Medical University
Jing-Gung Chung | China Medical University

ICCBES-1142
Analysis of Antioxidant Activity to Peptides Extracted from Tenebrio Molitor Larvae
Sam Woong Kim | Gyeongnam National University of Science and Technology
Woo Young Bang | Environmental Research Complex
Mi Ra Yang | Gyeongnam National University of Science and Technology
Tae Wan Kim | Gyeongnam National University of Science and Technology
Il-Suk Kim | Gyeongnam National University of Science and Technology
Chul Wook Kim | Gyeongnam National University of Science and Technology
Jae Young Kim | Gyeongnam National University of Science and Technology
Jung Seok Choi | Gyeongnam National University of Science and Technology
Jeongim Ha | Gyeongnam National University of Science and Technology
Eun Mi Lee | Gyeongnam National University of Science and Technology

ICCBES-1143
Mechanisms of Leukemic T Cell’s Resistance to Proteasome Inhibitor Bortezomib
Fu-shin Chueh | Asia University
Fu-Yu Chueh | Chang Gung University
Chao-Lan Yu | Chang Gung University

ICCBES-1147
Research Tournefortia Sarmentosa Chemical Analysis of the Anti-Prostate Cancer
Chia-hsin Lin | China Medical University
Yueh-Hsiung Kuo | China Medical University
Jing-Gung Chung | China Medical University
Chao-Lin Kou | China Medical University
ICCBES-1156
Genistein Combined with L-Asparaginase Induced Human Leukemia HL-60 Cell Apoptosis
Yin-Chen Hsiao | China Medical University
Jing-Gung Chung | China Medical University

ICCBES-1159
Cantharidin Induces Apoptosis and Autophagy in U2-OS Human Osteosarcoma Cells
Chia-Ching Chen | China Medical University
Jing-Gung Chung | China Medical University

ICCBES-1166
Co-Delivery of siRNA and Plasmid Using PEI Polymer Incorporating γ-PGA for Osteosarcoma Cancer Therapy
Shu Fen Peng | China Medical University
Wen Wen Huang | China Medical University
Hung Kun Hsu | National Tsing Hua University

ICCBES-1198
Combination with 5-Fluorouracil and Fisetin Promoted Cell Apoptosis in Human Gastric Cancer AGS Cells
Ying-Ru Huang | China Medical University
Shu Fen Peng | China Medical University
Jing-Gung Chung | China Medical University

ICCBES-1205
Rat’s Growth and Change of Intestinal Microbiota by Supply of Beechwood Creosote
Jae Young Kim | Gyeongnam National University of Science & Technology
Jeong A Kim | Gyeongnam National University of Science & Technology
Da Yoon Yu | Gyeongnam National University of Science & Technology
Yeon Hee Hong | Gyeongnam National University of Science & Technology
Kwang Keun Cho | Gyeongnam National University of Science & Technology
In Sung Kim | Gyeongnam National University of Science & Technology
Chul Wook Kim | Gyeongnam National University of Science & Technology
Tae Wan Kim | Gyeongnam National University of Science & Technology
Eun Mi Lee | Gyeongnam National University of Science & Technology
Sam Woong Kim | Gyeongnam National University of Science & Technology
Jung Seok Choi | Gyeongnam National University of Science & Technology
Jeongim Ha | Gyeongnam National University of Science & Technology
ICCBES-1215
Enhanced Apoptosis Effects by Nanoparticles Composed of Novel Surfactant and PLGA/Curcumin on Non-Small Cell Lung Cancer
Hao-Yi Suen | China Medical University
Hung-Kun Hsu | National Tsing Hua University
Chun-Cheng Lin | National Tsing Hua University
Shu Fen Peng | China Medical University

ICCBES-1222
Effects of Coenzyme Q0 on Non-Alcoholic Steatohepatitis
Yu-Wen Chi | China Medical University
Wai-Shan Chung | Chang Gung Memorial Hospital
Wen-Wen Huang | China Medical University

ICCBES-1325
Identification of a Synonymous SNP in the FTL Gene and its Association with Meat Quality Traits
Tae Wan Kim | Gyeongnam National University of Science & Technology
Eun Mi Lee | Gyeongnam National University of Science & Technology
Jung Hye Hwang | Gyeongnam National University of Science & Technology
Eun-Jung Kim | Gyeongnam National University of Science & Technology
Seul Gi Kwon | Gyeongnam National University of Science & Technology
Da Hye Park | Gyeongnam National University of Science & Technology
Deok Gyeong Kang | Gyeongnam National University of Science & Technology
Il-Suk Kim | Gyeongnam National University of Science & Technology
Jae Young Kim | Gyeongnam National University of Science & Technology
Sam Woong Kim | Gyeongnam National University of Science & Technology
Jung Seok Choi | Gyeongnam National University of Science & Technology
Jeongim Ha | Gyeongnam National University of Science & Technology
Chul Wook Kim | Gyeongnam National University of Science & Technology
ICEAI-1086

Observation of Skin Inflammation Process with Optical Coherence Tomography
Tsung-Lin Tsai | Chang Gung University
Feng-Yu Chang | Chang Gung University
Chun-Chieh Wang | Chang Gung Memorial Hospital
Tzu-Hao Hsiung | Chang Gung University
Meng-Tsan Tsai | Chang Gung University
Bo-Huei Huang | Chang Gung University
Yan-Jyun Hu | Chang Gung University

ICCBES-1035

Inhibition of X-Ray Repair Cross-Complement Group 1 (XRCC1) Expression by Curcumin Enhances Cisplatin-Induced Cytotoxicity in Human Lung Cancer Cells
Jyh-Cheng Chen | National Chiayi University
Tai-Jing Wang | National Chiayi University
Yun-Wei Lin | National Chiayi University
Hao-Yu Zheng | National Chiayi University
Wen-Ching Chen | National Chiayi University

ICCBES-1058

The Mechanisms of Nicotine-Induced Chemoresistance through Stat3 Mediated Autophagy and Glycolysis in Human Bladder Cancer Cells
Rong-Jane Chen | National Cheng Kung University
Ying-Jan Wang | National Cheng Kung University

ICCBES-1076

The CHAC1-Inhibited NOTCH3 Pathway Involves in Temozolomide-Induced Glioma Cytotoxicity
Peng-Hsu Chen | Taipei Medical University
Kuo-Hao Ho | Taipei Medical University
Ku-Chung Chen | Taipei Medical University

ICEAI-1018

Electricity Consumption Analysis Using a State-Based Data Mining Approach
I-Chin Wu | Fu-Jen Catholic University
Tzu-Li Chen | Fu-Jen Catholic University
Guan-Qun Hong | Fu-Jen Catholic University
Tzu-Chi Liu | Industrial Technology Research Institute
Yen-Ming Chen | Industrial Technology Research Institute
Poster Session (3)

Communication/ Finance/ Society/ Psychology/
General Social Sciences/ Education

Wednesday, May 11, 2016  15:00-16:00  Room 1008

ICSSAM-1942
Non-Negligible Minor Changes: Effects of Different Pronoun Use and Content-Word Use in Campaign Advertising
Hsuan-Yi Chou  |  National Sun Yat-sen University
Min-Hung Yeh  |  National Sun Yat-sen University

ICSSAM-2036
The Effect of Signs Design of Wayfinding to Elders in Hospital: Take National Taiwan University College of Medicine for Example
Fei Man Chang  |  Ming Chuan University

ICSSAM-1830
An Evidence of the Financial/Business Performance and Market Share of Non-Life Insurance Industry in Taiwan from 2005 to 2011
Guan-Chih Chen  |  Dhurakij Pundit University

ICSSAM-2052
The Relationship between Diversification Strategy and Cost of Capital
Hsuan-Chu Lin  |  National Cheng Kung University
Hung-Ning Ting  |  National Cheng Kung University

ICSSAM-2066
Political Connections and Fraud
Mei-Feng Lin  |  National Changhua University of Education
Han-Ying Chen  |  National Changhua University of Education
ICSSAM-1868
The Comparison of After-School Activities Participation between Children with and without Physical Disability
Zih-Jyun Hung | Chang Gung University
Ai-Wen Hwang | Chang Gung University
Lin-Ju Kang | Chang Gung University

ICSSAM-1869
Parenting Stress and Life Participation in Children with Cancer - Application of the ICF-CY Framework
Yu-Wei Chen | Chang Gung University
Ai-Wen Hwang | Chang Gung University
Lin-Ju Kang | Chang Gung University

ICSSAM-1883
The Integrating Principles and Practices to Promote Coexistence of Buddhist, Christianity, and Islamic Communities in Thailand
Phramaha Suthit Aphakaro Oboun | Mahachulalongkornrajavidyalaya University

ICSSAM-1892
Colors Planning in Children’s Reading Rooms: A Situation Analysis of Public Libraries in Taichung City, Taiwan
Pin Hsien Wu | National Taichung University of Science and Technology
Ling Fang Wang | National Taichung University of Science and Technology

ICSSAM-1914
Research on the Space Planning of Counseling Centers in Campus - The Cases of National Taichung University of Science and Technology
Ling Fang Wang | National Taichung University of Science and Technology
Yu Ling Chen | National Taichung University of Science and Technology

ICSSAM-2000
Spatial Distribution of Slum Tourism in Jakarta: A Case Study of Jakarta Hidden Tour
Yusuf Abdurrohim | University of Indonesia
Akmal Fathu Rohman | University of Indonesia
Hana Zahira Syarif | University of Indonesia
Maryam Azizah Hanif | University of Indonesia
ISEPSS-2460
Developmental Study of the "Disorganized-Structure" and "River-Is-Standing" Phenomena in the Landscape Montage Technique
Tadahiro Sado | Tokoha University
Manabu Furutani | Tokoha University
Tadashi Maeda | Tokoha University
Yukiko Nagaoka | Tokoha University

ISEPSS-2494
Improving Inpatient Satisfaction by Initiating Gynecological Ward Environment Enhancement Project
Yueh-Yun Luo | Ditmanson Medical Foundation Chia-Yi Christian Hospital
Ju-Fen Neme | Ditmanson Medical Foundation Chia-Yi Christian Hospital
Li-Ying Li | Ditmanson Medical Foundation Chia-Yi Christian Hospital

ISEPSS-2580
The Study on Sex Offenders about Attentional Regulation and Response Inhibition
Haeyoung Bang | Chungnam National University
Youngchang Lee | Chungnam National University
Gunhwan Han | Chungnam National University
Songhee Kim | Chungnam National University
Yuxi Jing | Chungnam National University
Woon-Yeong Lee | Chungnam National University
Jinseon Kwak | Chungnam National University
Yunman Kim | Chungnam National University
Yoonki Min | Chungnam National University

ISEPSS-2579
Memory Enhancement Effect of Unsuccessful Retrieval according to Connectivity and Difficulty of Memory Materials
Yoonki Min | Chungnam National University
Youngchang Lee | Chungnam National University
Haeyoung Bang | Chungnam National University
Jinseon Kwak | Chungnam National University
Songhee Kim | Chungnam National University
Yuxi Jing | Chungnam National University
Yunman Kim | Chungnam National University
ISEPSS-2498
The Study of Hospital Staff Health Promotion Program’s Efficacy in Taiwan
Tsung-Mao Lin | Ditmanson Medical Foundation Chia-Yi Christian Hospital
Paul Huang | Ditmanson Medical Foundation Chia-Yi Christian Hospital
Li-Chen Chang | Ditmanson Medical Foundation Chia-Yi Christian Hospital

ICSSAM-1813
Discussionblended Learning Courses Learning Satisfaction
Li-Hsin Wang | Chung Hua University
Chao-Lan Yang | Chung Hua University

ICSSAM-1871
Application of ICF-CY to Classroom Engagement in a Child with Autistic Spectrum Disorder: A Case Study
Hsiao-Ying Chiang | Chang Gung University
Ai-Wen Hwang | Chang Gung University

ICSSAM-1931
Social Competence of Preschoolers Who Are with Bilateral Hearing Loss
Ya-Ting Chung | Chang Gung University
Pang-Sing Ke | Chang Gung University

ICSSAM-1932
Translation and Cross-Cultural Adaptation of the Chinese Version of the Family-Professional Partnership Scale in Early Childhood Special Education
Liu-Yan Chen | Chang Gung University
Lin-Ju Kang | Chang Gung University
Ai-Wen Hwang | Chang Gung University
Yu-Wei Hsu | Chang Gung University

ISEPSS-2479
Consciousness and Transformation: An Analysis of Learning Adjusting Communication and Interaction Behavior of Kindergarten Teachers
Sufen Huang | National Taitung University
Yu-ching Ho | Taitung County Chihpen Junior High School
ISEPSS-2554

The Characteristics of the Adults with Large Gap between Observed and Expected Literacy Score Given the Education Level

Hyun-Jeong Park ︱ Seoul National University
Junok Kim ︱ Seoul National University
Yoon-Hee Son ︱ Seoul National University
Shinhye Lee ︱ Seoul National University
DaKyung Lee ︱ Seoul National University
Poster Session (4)

Management/ Computer Science (2)

Wednesday, May 11, 2016  16:30-17:30  Room 1008

ICSSAM-1762
A Study on Service Quality, Perceived Value, Tourists’ Satisfaction and Revisit Intention for Kid-friendly Hotel Guests-A Case of Silks Place Yilan
Fang Lin Hsieh | Chung Hua University
Chi Lo | Chung Hua University

ICSSAM-1780
Developing a Research Model to Predict Facebook Fans’ Continuance Intention to Visit Company Fan Pages
Hsiu-Yuan Wang | Chung Hua University
Chi Lo | Chung Hua University

ICSSAM-1785
Relationship between Brand Image, Perceived Value, and Brand Loyalty: A Case Study of Ching Shin Brand in Taiwan
Hsiu-Yuan Wang | Chung Hua University
Chi Lo | Chung Hua University

ICSSAM-1812
Discussion Taiwan’s Largest Restaurant Chain Service Failures and Service Recovery
Li-Hsin Wang | Chung Hua University
Hsin Hui Lin | Chung Hua University

ICSSAM-1814
Applying IPGA Method to Evaluate Customers’ Satisfaction for Chain Restaurant
Li-Hsin Wang | Chung Hua University
Hsiu Yuan Chen | Chung Hua University
Yao-Ling Chen | Chung Hua University
Chi Lo | Chung Hua University
Tze-Jye Wang | Chung Hua University
ICSSAM-1875
The Influence of Brand Equity on Purchase Intention an Example of Baseball Glove
Wei-Lun Tsai | National Yunlin University of Science and Technology
Hui-Chen Lee | National Yunlin University of Science and Technology

ICSSAM-1925
The Influence of Store Atmosphere on Purchase Intention an Example of Restaurants in Taiwan
Yan-Ting Ye | National Yunlin University of Science and Technology
Wen-Zhe Zhong | National Yunlin University of Science and Technology
Hui-Chen Lee | National Yunlin University of Science and Technology

ICSSAM-1976
Consideration of PCB Manufacturing Environment within Three Echelon Supply Chains Inventory Models
Chien-Ming Lo | Chung Yuan Christian University
Ping-Shun Chen | Chung Yuan Christian University

ICSSAM-2013
Application of Service Experience Engineering for Front Desk Services of Hotels
Shih Ting Peng | Chung Hua University
Tzu Chieh Wang | Chung Hua University

ICSSAM-2028
Developing and Validating a Scale to Measure the Motivation to Attend International Sports Event: A Pilot Study
Kuan-Chou Kenneth Chen | Centre for Global Sport & Recreation Studies, Hong Kong Baptist University

ICSSAM-2067
A Study of Small and Medium Enterprises Manager Leadership Styles, Organization Climate to the Employee Creativity
Chao-Tang Tseng | Chaoyang University of Technology
Kung-Mu Kuo | National Taipei University

ICSSAM-2145
Educational Data Mining for Selection of the Correct Study Programs
Thada Jantakoon | Rajabhat Maha Sarakham University
ICSSAM-2072
A Study on the Anime Tourism to Increase Inbound Tourists
Masao Toyama | Chiba Institute of Technology

ICEAI-1036
Extension of Trace-Driven Simulator for Multi-Core Processors
Hyo-Joong Suh | The Catholic University of Korea

ICEAI-1055
Fall Detection Based on Thermal Imager
Ying-Nong Chen | National Central University
Chi-Hung Chuang | Fo Guang University
Luo-Wei Tsai | Industrial Technology Research Institute
Kuo-Chin Fa | National Central University

ICEAI-1067
An Efficient Method for Computing Approximate Top-k Dominating Queries in a Data Stream Environment
Guanling Lee | National Dong Hwa University
Dong Jhe Jiang | National Dong Hwa University

ICEAI-1071
An Application of Data Mining to Pain Medicine
Yuh-Jyh Hu | National Chiao Tung University
Tien-Hsiung Ku | Changhwa Christian Hospital
Yu-Hung Yang | National Chiao Tung University
Jia-Ying Shen | National Chiao Tung University

ICEAI-1081
The Selecting Algorithm of Monitoring CCTV Camera in Smart Care Surveillance System
Kiyong Kim | Kyonggi University
Eunsung Park | Kyonggi University
Dongsu Seong | Kyonggi University
Keonbae Lee | Kyonggi University
ICEAI-1090
Secure Localization with Improved Centroid Method over Wireless Sensor Networks
Shao-I Chu | National Kaohsiung University of Applied Sciences
Yao-Chuan Hsu | National Kaohsiung University of Applied Sciences
Shih-Hao Wang | National Kaohsiung University of Applied Sciences
Chih-Yuan Lien | National Kaohsiung University of Applied Sciences
Yao-Yu Jhuang | National Kaohsiung University of Applied Sciences

ICEAI-1104
A Design of IT2-Based Granular Classifier from Numerical Data with Degree Information of Class Membership
Myung-Won Lee | Chosun university
Keun-Chang Kwak | Chosun university

ICEAI-1115
Automatic Exudate Classification in Diabetic Retinopathy Images Using Neural Network
Ratikanlaya Tanthuwapathom | Mahidol University
Narit Hnoohom | Mahidol University

ICEAI-1166
Two-Stage Haze Removal Algorithm with Color Preserving
Chi-Wei Wang | National Taiwan University
Jian-Jiun Ding | National Taiwan University
Hung-Yi Chen | National Taiwan University

ICEAI-1184
Real Time Sensing and Shadow Robustness Video Foreground Segmentation Algorithm
Yu-Chen Liu | National Taiwan University
Jian-Jiun Ding | National Taiwan University
Yao-Ren Chang | National Taiwan University
Hung-Yi Chen | National Taiwan University

ICEAI-1016
A Spring-Damping Transformation Method for Solving Cauchy Problems of Nonlinear Parabolic Equations without Initial Data
Chih-Wen Chang | Feng Chia University
Shengwen Wang | National Center for High-Performance Computing
Environmental Sciences/ Energy Engineering

Thursday, May 12, 2016 09:30-10:30  Room 1008

ICCBES-1068
Solar Photocatalytic Degradation of Azo-Dye Wastewater with a Hybrid of TiO₂ and P3HT@TiO₂ Nanocatalysts
Wen-Shiuh Kuo | National United University
Ya-Ting Ji | National United University

ICCBES-1095
Tolerance of Different Green Microalgae to Toxicity of Estradiol (E2) and Ethinylestradiol (EE2)
Nora Fung-Yee Tam | City University of Hong Kong
Ping Wang | City University of Hong Kong
Dan Deng | City University of Hong Kong
Yuk-shan Wong | Open University of Hong Kong

ICCBES-1148
Heat Island Analysis for the Protected Horticulture Complex in the Summer Season
Donghyeon Kang | National Academy of Agricultural Science
Minjae Kong | National Academy of Agricultural Science
Siyoung Lee | National Academy of Agricultural Science
Jongku Kim | National Academy of Agricultural Science
Sungwook Yun | National Academy of Agricultural Science
Jinkwan Son | National Academy of Agricultural Science

ICCBES-1177
An Observation on the Effects of Cationic Gemini Surfactants [Gemini (12-4-12), Gemini (12-2-12)] on the Development of Theseeds of (Lentil)Lens CulinarisMedik
Feruzan Dane | Trakya University
Hazal Sezginer | Trakya University
Halide Akbaş | Trakya University
Mesut Boz | Trakya University
ICCBES-1183
Isolation of Phycobiliproteins from Rhodomonas Salina
Chanoknard Karnjanapak | Chulalongkorn University
Sutaporn Bunyajetpong | Chulalongkorn University
Thaithawon Lirdwitayaprasit | Chulalongkorn University
Gerald Plumley | Chulalongkorn University

ICCBES-1188
Change Analysis of Plant Diversity in Protected Horticulture Complex of Agricultural Ecosystems in South Korea
Jinkwan Son | National Academy of Agricultural Science
Siyoung Lee | National Academy of Agricultural Science
Donghyeon Kang | National Academy of Agricultural Science
Minjae Kong | National Academy of Agricultural Science
Minjung Park | National Academy of Agricultural Science
Sunguk Yoon | National Academy of Agricultural Science

ICCBES-1189
Test on Characteristics of Internal Environment Special Variability in Plastic Greenhouse Using Computational Fluid Dynamics Simulation
Jae Su Lee | National Academy of Agricultural Science
Sang Cheol Kim | National Academy of Agricultural Science
Gook Hwan Kim | National Academy of Agricultural Science
Young Gi Hong | National Academy of Agricultural Science

ICCBES-1220
Isolation and Characterization of Bacterium that Promotes the Antibiotic Production in the Presence of Rice Husk Biochar
Shohei Ebe | Kindai University
Tatsuya Ohike | Kindai University
Masahiro Okanami | Kindai University
Takashi Ano | Kindai University

ICCBES-1228
Jin kyung Kwon | Protected Horticulture Research Institute
Jong gil Jeon | Protected Horticulture Research Institute
Hyung Gweon Kim | Protected Horticulture Research Institute
ICCBES-1240
Pi-Guey Su | Chinese Culture University
Meng-Shian Tsai | National Taiwan Normal University
Chia-Jung Lu | National Taiwan Normal University

ICCBES-1255
Evaluation of Greenhouse Gases Emissions from Wastewater Treatment Plant in Taiwan
Jen Po Hung | National Taipei University
Ying Chu Chen | National Taipei University

ICCBES-1259
Impacts of Travel Motivation and Experience of Tourists on Word-of-Mouth and Revisit Intention of Lighthouse
Chen Chieh Sheng | National Taipei University
Ying Chu Chen | National Taipei University

ICCBES-1287
Carbon Capture by Dissolution of Carbonate Minerals
Ming-Hui Chang | Industrial Technology Research Institute
Pei-Shan Hsieh | Industrial Technology Research Institute
Kuo-Wei Huang | Industrial Technology Research Institute
Chuan-Wei Chung | Industrial Technology Research Institute
Yi-Tun Hsu | Ming-Chi University of Technology
Chi-Wen Liao | Industrial Technology Research Institute
Heng-Wen Hsu | Industrial Technology Research Institute

ICCBES-1333
Review of Ecological Engineering Solutions for Rural Non-Point Source Water Pollution Control in Hubei Province, China
Min Wu | Changjiang River Scientific Research Institute

ICCBES-1334
Mechanisms of the Phytoremediation of Pentachlorophenol Contaminated Sediment by Aquatic Macrophytes
Liangyuan Zhao | Yangtze River Scientific Research Institute
ICCBES-1297
Shewanella Induced Nanostructured Crystal Materials
Pao-hung Lin | National Taiwan University of Science and technology
Ying-Tang Huang | National Kaohsiung Marine University
Jung-Te Hsieh | National Taiwan University of Science and technology

ICEAI-1103
Research of Ventilation Effects of Atrium Forms in Vernacular Fujian Tulou
Ying-Ming Su | National Taipei University of Technology
Shu-Chen Huang | National Taipei University of Technology

ICEAI-838
Recent Viscosity Data for Al₂O₃ Nanofluids – Behaviour and Stability under Heating Effects
Cong Tam Nguyen | Université de Moncton
Marc-André Hachey | Université de Sherbrooke

ICEAI-989
On the Coupling between the Dynamic Viscosity and Thermal Conductivity for Al₂O₃ Nanofluids – Some Insights onto the Characterisation of Nanofluid Thermal Properties
Cong Tam Nguyen | Université de Moncton
Marc-André Hachey | Université de Sherbrooke
Nicolas Galanis | Université de Sherbrooke
Catalin Viorel Popa | Université de Reims

ICEAI-1164
Study for the Solar Thermal Collector due to Falling Dust by Numerical Simulation and Experiment
Jiann Lin Chen | I-Shou University
Peng Siang Hong | I-Shou University

ICEAI-1182
An Application of Maximum Likelihood Estimation in Radiation Portal Monitors
Jiyon Lee | Korea Institute of Nuclear Safety
Byoung-Jik Kim | Korea Institute of Nuclear Safety
ICEAI-1218
Thermally Developing Convection Heat Transfer of a Microencapsulated Phase Change Material Suspension through a Partially Heated Circular Tube – An Experimental and Numerical Study
C. J. Ho | National Cheng Kung University
J. B. Huang | National Cheng Kung University
C. P. Chen | National Cheng Kung University

ICEAI-1225
The Investigation of Charge Transport Behavior of Ionic Liquid/PVDF-HFP Electrolyte with Propylene Carbonate Solvent
Jun-Hong Lin | National Kaohsiung University of Applied Sciences
Zhao-Cheng Chen | National Kaohsiung University of Applied Sciences
Bo-Wen Shi | National Kaohsiung University of Applied Sciences

ICEAI-1232
Using AHU Outdoor Air Demand Control and VAV for Energy-Saving and Indoor Air Quality
Yu-Lieh Wu | National Chin-Yi University of Technology
Jian-An Chen | National Chin-Yi University of Technology
Kun-Hua Lyu | National Chin-Yi University of Technology
Yu-Chien Lin | National Chin-Yi University of Technology
Jun-Tsuo Chiu | National Chin-Yi University of Technology
**Poster Session (6)**

Information Engineering/ Electrical Engineering (2)/
Industrial Engineering/ Civil Engineering/
Mechanical Engineering

Thursday, May 12, 2016 13:30-14:30  Room 1008

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**ICEAI-945**
Locating Nipple in a Volume of Transverse Breast MR Images
Chih-Ying Gwo | Chien Hsin University of Science and Technology

**ICEAI-972**
Parallel Algorithms for Computing Zernike Moments
An-Wen Deng | Chien Hsin University of Science and Technology
Chih-Ying Gwo | Chien Hsin University of Science and Technology

**ICEAI-1117**
Kernel PCA for i-Vector Speaker Verification System
Yi-Hsiang Chao | Chien Hsin University of Science and Technology

**ICEAI-1148**
Prediction of the Pandemic Influenza a Outbreaks based on Global Open Data
Ho-Chin Lin | Taipei Medical University
Chia-Yu Su | Taipei Medical University

**ICEAI-1165**
Service Experience Engineering Applied in Course Modules for Smart Living Topics
Chiu Chiao Chung | Nan Kai University of Technology
Cheng-Min Lin | Nan Kai University of Technology

**ICEAI-1048**
Design of a Dual-Mode High-Efficiency Buck Converter for Portable Applications
Mei Ling Yeh | National Taiwan Ocean University
Zi Chian Hong | National Taiwan Ocean University
Yu Chieh Cheng | National Taiwan Ocean University
ICEAI-1052
Modeling and Implementation of Adaptive Switched-Capacitor Step-Down DC-DC Converter for Piezoelectric Energy Harvesting
Yuen-Haw Chang | Chaoyang University of Technology
Chun-Hung Wang | Chaoyang University of Technology

ICEAI-1065
A Robust Mel-Bands Audio Fingerprint Based on Spectral Local Maximum Energy for Content Based Copy Detection
Fang Yuan | City University of Hong Kong
X. Xu | Tencent Video Group
L.M. Po | City University of Hong Kong
L. Feng | City University of Hong Kong
Y. Li | City University of Hong Kong

ICEAI-1076
Directional Acoustic Vibration Sensor Based on an Anisotropic Flat-Clad Tapered Fiber
Wei-Ren Wu | National United University
Chih-Yu Chen | National United University
Cheng-Ling Lee | National United University

ICEAI-1108
A Low Cost Fiber Optic Sagnac Interferometric Perimeter Intrusion Detection System
Ping-Tzan Huang | National Tsing Hua University
Guan-Zan Chen | National Tsing Hua University
Tai-Lang Jong | National Tsing Hua University
Chi-Wen Hsieh | National Chiayi University
Likarn Wang | National Tsing Hua University

ICEAI-1033
Comparisons of Individual and Group Replacement Policies for Two Machines Series Connection System
Wen Liang Chang | Cardinal Tien Junior College of Healthcare & Management
Mei Wei Wang | National Taiwan University of Science and Technology
ICEAI-1044
Development of Free-Leg Hexapod Machining Tool
Sunghee Choi | Electric Propulsion Research Division of Korea Electrotechnology Research Institute
Chang Nho Cho | Electric Propulsion Research Division of Korea Electrotechnology Research Institute
Hong-ju Kim | Electric Propulsion Research Division of Korea Electrotechnology Research Institute

ICEAI-1099
Study on the AM60Bs Mechanical Properties for the MgO-CNT Addition
Min Seok Moon | Korea Institute of Carbon Convergence Technology
Myeong Han Yoo | Korea Institute of Carbon Convergence Technology
Je Ha Oh | Korea Institute of Carbon Convergence Technology
Joon Hyuk Song | Korea Institute of Carbon Convergence Technology
Shin Jae Kang | Choubuk National University
Sung Mo Yang | Choubuk National University
Kee Do Woo | Choubuk National University

ICEAI-1102
Development of High-Pressure Diecasting Process for Vehicle Structure with Magnesium Alloy
Joon Hyuk Song | Korea Institute of Carbon Convergence Technology
Kyung-Jae Kim | Korea Institute of Carbon Convergence Technology
Myounghan Yoo | Korea Institute of Carbon Convergence Technology
Min Seok Moon | Korea Institute of Carbon Convergence Technology
Youngsoo Park | Korea Institute of Carbon Convergence Technology
Jeha Oh | Korea Institute of Carbon Convergence Technology
Sung Mo Yang | Choubuk National University
Shinjae Kang | Choubuk National University

ICEAI-1142
Study on a Micro Multilevel Aspheric Fresnel Lens Array Fabrication
Shun-Tong Chen | National Taiwan Normal University
Po-Tsung Lin | National Taiwan Normal University
ICEAI-1143
Development of a Novel Roll-to-Roll Imprinting System for Making Nanoscale Silver Wire Array
Shun-Tong Chen | National Taiwan Normal University
Chien-Ta Huang | National Taiwan Normal University

ICEAI-1174
Development of a High-Precision CNC Grinding Machine and Study of a Mono Crystalline Diamond Probe Grinding for Measurement of Surface Roughness
Shun-Tong Chen | National Taiwan Normal University
Sheng-Yu Shih | National Taiwan Normal University
Chien-Chih Chen | National Taiwan Normal University

ICEAI-1047
Wave Interaction with a Uniform Porous Cosine-Type Cylindrical Structure
Ching-Yun Yueh | National Taiwan Ocean University
Shih-Hsuan Chuang | Wayten Technology Co., Ltd
Chih-Ting Chang | National Taiwan Ocean University

ICEAI-1066
Eccentrically Loading on Strength Analysis of the Fillet Weld Groups
Wei T. Hsu | Chaoyang University of Technology
Zhe L. Zhang | Chaoyang University of Technology

ICEAI-1069
Analysis and Comparison of Compressive Strength of Box Column
Wei T. Hsu | Chaoyang University of Technology
Yu X Liu | Chaoyang University of Technology
Meng H Cheng | Chaoyang University of Technology
Rou Y Liu | Chaoyang University of Technology

ICEAI-1073
The Analysis of I-Shaped for Compression Members
Wei T Hsu | Chaoyang University of Technology
Rou Y Liu | Chaoyang University of Technology
ICEAI-1094
Effect of the Moisture Content on the Dynamic Behavior and Seismic Response of Concrete Pier
Baodong Liu | Beijing Jiaotong University
Rui Xu | Beijing Jiaotong University
Wenjuan Lv | Beijing Jiaotong University

ICEAI-1213
Pattern Data for Automatic Design of Free Form Panels
Sunkuk Kim | Kyung Hee University
Jeeyoung Lim | Kyung Hee University
Seunghyun Son | Kyung Hee University
Wonhyun Cho | Kyung Hee University

ICEAI-1098
Strength Analysis of a Small Size Crane’s Boom Using SP Test for Pick-Up Truck
Sung Mo Yang | Chonbuk National University
Hyo Sun Yu | Chonbuk National University
HeeYong Kang | Chonbuk National University
Jung Soo Kwon | Aenk
Seung June Choi | Chonbuk National University
In Deok Son | Chonbuk National University

ICEAI-1195
Seismic Performance Evaluation of FCC Reactor Vessel using Response Spectrum Analysis
Hee Yong Kang | Chonbuk National University
Jun Young Yim | Chonbuk National University
Sung-Mo Yang | Chonbuk National University
Dae Su Kim | Chonbuk National University
Poster Session (7)

Biological Sciences (2)

Thursday, May 12, 2016  15:00-16:00  Room 1008

ICCBES-1087
Anion Exchanger 1b in Stereocilia Is Required for the Functioning of Mechano transducer Channels in Lateral-Line Hair Cells of Zebrafish
Li-Yih Lin | National Taiwan Normal University
Jiun Lin Horng | Taipei Medical University

ICCBES-1083
Environmental Monitoring and Development of Distinction Method of Genetically Modified Zoysiagrass
Bumkyu Lee | National Academy of Agricultural Science
Soo In Sohn | National Academy of Agricultural Science
Doh-Won Yun | National Academy of Agricultural Science
Ancheol Chang | National Academy of Agricultural Science

ICCBES-1088
Plasma Membrane Ca\(^{2+}\) ATPase Is Required for the Functioning of Mechano transducer Channels in Zebrafish Hair Cells
Li-Yih Lin | National Taiwan Normal University
Jiun Lin Horng | Taipei Medical University

ICCBES-1089
The CD44 Expression of Mesenchymal Stem Cells, Cancer Cells and Fibroblasts on Chitosan
Ching-Wen Tsai | National Taiwan University
Tai-Horng Young | National Taiwan University

ICCBES-1107
Tubacin Inhibits the Replication of Japanese Encephalitis Virus via the Modulation of HSP90 Acetylation and Chaperone Activity
Cheng-Wen Lin | China Medical University
ICCBES-1153
Genetic Relationship Analysis of Plants in the Genus Jatropha in Thailand Using ISSR Techniques
Pattamon Sangin | Naresuan University
Kuntapong Srisang | Naresuan University

ICCBES-1160
Immunostimulating Activity of Low Molecular Weight Polysaccharides Isolated from Auricularia Auricula-Judae
Hui-Chen Chung | National Chiayi University
Be-Jen Wang | National Chiayi University
Shu-Mei Lin | National Chiayi University

ICCBES-1163
Amelioration of Cadmium Stress in Mustard (Brassica Juncea) Seedlings by Exogenous Application of Ethylenediaminetetraacetic Acid (EDTA)
Jubayer-Al- Mahmud | Kagawa University
Mirza Hasanuzzaman | Sher-e-Bangla Agricultural University
Kamrun Nahar | Kagawa University
Anisur Rahman | Kagawa University
Masayuki Fujita | Kagawa University

ICCBES-1181
Correlation Analysis on Maize to Low Light Intensity under Shading in Agroforestry System in Indonesia
Yuyun Yuwariah | University of Padjadjaran
M. Kadaffi | Universitas Singaperbangsa
M. Syafii | University of Padjadjaran
Dedi Ruswandi | University of Padjadjaran

ICCBES-1192
Variation in Flowering Time in Unpad Maize Collection under Double Cropping Systems
Anne Nuraini | University of Padjadjaran
Kadapi Muhamad | University of Padjadjaran
Dedi Ruswandi | University of Padjadjaran
ICCBES-1194
Morphology and Distribution of Jatropha L. (Euphorbiaceae) in Thailand
Pranee Nangngam | Naresuan University
Charat Chuayna | Phitsanulok Silvicultural Research Station

ICCBES-1208
Roles of Calcium to Alleviate Manganese Toxicity in Sesame Seedlings (Sesamum Indicum L.)
Mohamed Abdullah Adam | Kagawa University
Jubayer-Al- Mahmud | Kagawa University
Kamrun Nahar | Kagawa University
Anisur Rahman | Kagawa University
Masayuki Fujita | Kagawa University
Md. Shahadat Hossain | Kagawa University

ICCBES-1211
Biodiversity of γ-polyglutamate Producing Bacteria from Plant Rhizoplane
Sirirat Siripornvisal | Phranakhon Si Ayutthaya Rajabhat University

ICCBES-1218
Morphology and Swelling Property of Starch Microsphere Prepared from Cassava Starch with Different Degrees of Hydrolysis
Santhanee Punchaarnon | King Mongkut’s University of Technology Thonburi
Parichat Lertprasertphan | King Mongkut’s University of Technology Thonburi
Dudsadee Uttapap | King Mongkut’s University of Technology Thonburi

ICCBES-1219
MicroRNA-1301-mediated RanGAP1 Downregulation Induces BCR-ABL Nuclear Entrapment to Enhance Imatinib Cytotoxicity in Chronic Myeloid Leukemia Cells
Tsungyao Lin | Taipei Medical University
Chwenming Shih | Taipei Medical University
ICCBES-1250
The Functional Properties and Chemopreventive Analysis of Vernonia Amygdalina Extracts
Ker Sin Sim | National Ilan University
Yen Ting Lai | National Ilan University
Shu Rong Hsu | National Ilan University
Yi Chuan Lee | National Ilan University
Hui Chen Hsu | National Ilan University

ICCBES-1258
EGFR-Targeted Micelles Containing Photosensitizers for Imaging and Photothermal Therapy of Colorectal Cancer
Ying-Hsia Shih | National Taiwan University
Tsai-Yueh Luo | Institute of Nuclear Energy Research
Ping-Fang Chiang | Institute of Nuclear Energy Research
Wuu-Jyh Lin | Institute of Nuclear Energy Research
Cheng-Liang Peng | Institute of Nuclear Energy Research
Ming-Jium Shieh | National Taiwan University

ICCBES-1272
Interaction between NS1 and Cellular MAVS Contributes to NS1 Mitochondria Targeting
Masaki Mibayashi | Mount Sinai School of Medicine
Randy Albrecht | Mount Sinai School of Medicine
Yeu-Yang Tseng | National Chung Hsing University
Wei-Li Hsu | National Chung Hsing University
Peter Palese | Mount Sinai School of Medicine

ICCBES-1273
Fractionation of Bioactive Components from Ganoderma Amboinense Using Supercritical Carbon Dioxide Technology
Kuan-Wei Cheng | National Chiayi University
Zer-Ran Yu | Superwell Biotechnology Corporation
Shu-Mei Lin | National Chiayi University
Be-Jen Wang | National Chiayi University
ICCBES-1363
Simulation-Based Analysis of Autophagy Pathway in Eukaryotic Cells
Jinwoong Kim | Seoul National University
Kyungreem Han | Seoul National University
MooYoung Choi | Seoul National University

ICCBES-1377
Antibacterial Actions of Scleractinian Corals Extracts
Pornpimon Kanjanavas | Huachiew Chalermprakiet University
Pornnapa Phalawong | Huachiew Chalermprakiet University
Chalitta Pumruang | Huachiew Chalermprakiet University
Prasan Sangpiboon | Rambhai Barni Rajabhat University

ICCBES-1382
Extraction and Characterization of Gelatin from Snakeskin Gourami (Trichogaster pectoralis) Scale
Chaunpis Jirapong | Huachiew Chalermprakiet University
Alisa Soontornwat | Huachiew Chalermprakiet University
Pornpimon Kanjanavas | Huachiew Chalermprakiet University
Chairat Techavuthiporn | Huachiew Chalermprakiet University

ICCBES-1383
In Vitro gastric and Pancreatic Digestion of Anthocyanins Extracted from Mulberry Fruit
Alisa Soontornwat | Huachiew Chalermprakiet University
Pornpimon Kanjanavas | Huachiew Chalermprakiet University
Chalermchai Wongs Aree | King Mongkut’s University of Technology
Chaunpis Jirapong | Huachiew Chalermprakiet University

ICCBES-1342
Antifungal Activity of Crude Extracts of Some Medicinal Plants against Curvularia lunata, The Pathogen of Dirty Panicle Disease in Rice
Sanit Sawatdikarn | Phranakhon Si Ayutthaya Rajabhat University