Conference Program

November 2013
Osaka, Japan

LSBE
International Conference on
Life Science & Biological Engineering

ISBSS
International Symposium on
Business and Social Sciences

ACCMES
Asian Conference on
Civil, Material and Environmental Sciences

ICEAS
International Conference on
Engineering and Applied Science

ISLLLE
International Symposium on
Language, Linguistics, Literature and Education
General Information for Participants

Information and Registration

The Registration and Information Desk will be situated in the RIHGA Royal Hotel Osaka on the sixth floor, and will be open at the following times:

Wednesday, November 6, 2013 (15:00-17:00)
Thursday, November 7, 2013 (08:15-17:30)
Friday, November 8, 2013 (08:15-16:00)

Parallel Sessions

Parallel Sessions will run on November 7 and 8. Sessions are usually 90 minutes in length.

Presentations and Equipment

All presentation rooms are equipped with a screen, an LCD projector, and a laptop computer installed with PowerPoint software. You will be able to insert your USB flash drive into the computer and double click on your presentation to open it in PowerPoint. We recommend that you bring two copies of your presentation in case of one fails. You may also link your own laptop computer to the projector cable, however if you use your own Mac please ensure you have the requisite connector.

A Polite Request to All Participants

Participants are requested to arrive in a timely fashion for all addresses, whether to their own, or to those of other presenters. Presenters are reminded that the time slots should be divided fairly and equally between the number of presentations, and that they should not overrun. The session chair is asked to assume this timekeeping role.
**Poster Sessions & Poster Requirements**

**Materials Provided by the Conference Organizer:**

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

**Materials Prepared by the Presenters:**

1. Home-made Poster(s)

**Requirement for the Posters:**

1. Material: not limited, can be posted on the canvases
2. 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)
Ahmad Zuhairi Abdullah
Universiti Sains Malaysia
Fadzilah Adibah Abdul Majid
Universiti Teknologi Malaysia
Mohd Farid bin Atan
University of Sarawak Malaysia
Sue-Joan, Chang
National Cheng Kung University
Yen-Chung, Chang
National Tsing Hua University
Yun-Peng, Chao
Feng Chia University
Pei-Jen, Chen
National Taiwan University
H.M. El-Shora
Mansoura University
I-Ming Hsing
The Hong Kong University of Science and Technology
Shang-Da, Huang
National Tsing Hua University
Bing Joe Hwang
National Taiwan University of Science and Technology
Kondabagil K.
Indian Institute of Technology Bombay
Sungjee Kim
Sungkyunkwan University
Li-Fen, Lei
National Taiwan University
Yunsheng, Lou
Nanjing University of Information Science and Technology
Mihir Kumar Purkait
Indian Institute of Technology Guwahati
Chung-Sung, Tan
National Tsing Hua University
Tewin Tencomnao
Chulalongkorn University
S.K. Tripathi
Indian Institute of Technology Poorkee
Henry N.C. Wong
The Chinese University of Hong Kong
Yusri b. Yusup
Universiti Sains Malaysia
Hasan Akhtar Zaidi
Guru Gobind Singh Indraprastha University
### ISBSS Committee Board

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>S. Nandakumar</td>
<td>Periyar University</td>
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<tr>
<td>Radhakrishnan Nair</td>
<td>University of Kerala</td>
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<tr>
<td>Abhishek Bhati</td>
<td>James Cook University</td>
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<tr>
<td>Nancy A. Pachana</td>
<td>The University of Queensland</td>
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<tr>
<td>Waldemar Jędrzejczyk</td>
<td>Czestochowa University of Technology</td>
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<tr>
<td>Maria Lucia Kho Giok Song</td>
<td>De La Salle University</td>
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<tr>
<td>Victor Ong</td>
<td>Sunway University Business School</td>
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<tr>
<td>Jephte Olimpo Munez</td>
<td>University of Philippines</td>
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<tr>
<td>Warner P. Woodworth</td>
<td>Brigham Young University</td>
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<tr>
<td>Siti Suriani Othman</td>
<td>Universiti Sains Islam Malaysia</td>
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<tr>
<td>Tatiana A. Garanina</td>
<td>St.Petersburg University</td>
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<td>Hatem Ben Ameur</td>
<td>HEC Montréal</td>
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**ACCMES Committee Board**

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<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Abhijeet K. Digalwar</td>
<td>Birla Institute of Technology and Science</td>
</tr>
<tr>
<td>Alan K. T. Lau</td>
<td>The Hong Kong Polytechnic University</td>
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<tr>
<td>Aminaton Marto</td>
<td>Universiti Teknologi Malaysia</td>
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<td>Ben Young</td>
<td>The University of Hong Kong</td>
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<tr>
<td>C.C. Sorrell</td>
<td>University of New South Wales</td>
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<tr>
<td>Cek Fauziah Ishak</td>
<td>Universiti Putra Malaysia</td>
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<tr>
<td>Chacko Jacob</td>
<td>Materials Science Centre</td>
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<td>Choi Jaisung</td>
<td>Yonsei University</td>
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<td>Gianluca Ranzi</td>
<td>The University of Sydney</td>
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<td>Hannah Wan-Huan Zhou</td>
<td>University of Macau</td>
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<td>Kartini Kamaruddin</td>
<td>Universiti Teknologi Mara</td>
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<td>Jingsheng Chen</td>
<td>National University of Singapore</td>
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<td>Prof Jaisung Choi</td>
<td>University of Seoul</td>
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<td>K.W. Chau</td>
<td>The Hong Kong Polytechnic University</td>
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<td>Kanit Wattanavichien</td>
<td>Chulalongkorn University</td>
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<td>L.N. Pattanaik</td>
<td>Birla Institute of Technology</td>
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<td>M. Anusuyadevi Jayachandran</td>
<td>Bharathidasan University</td>
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<td>Manoj S Soni</td>
<td>The Birla Institute of Technology &amp; Science</td>
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<td>Mohd Razman Salim</td>
<td>Universiti Teknologi Malaysia</td>
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<td>Monica Sharma</td>
<td>Malaviya National Institute of Technology Jaipur</td>
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<td>Nasser Khalili</td>
<td>University of New South Wales</td>
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<td>Nilanjana Das</td>
<td>University of Calcutta</td>
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<td>Norhayati Ahmad MIMMMSci</td>
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<td>P. Sivaprakash</td>
<td>Karpagam Institute of Technology</td>
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<td>Pramod Kumar Jain</td>
<td>Indian Institute of Technology Roorkee</td>
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<td>PremRajP</td>
<td>National Institute of Technology Calicut</td>
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<td>Renu Pawels</td>
<td>Cochin University of Science &amp; Technology</td>
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<td>S. Chandrakaran</td>
<td>National Institute of Technology Karnataka</td>
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<td>Saxena Ashok K</td>
<td>Indian Institute of Technology</td>
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<td>Sharad Chandra Srivastava</td>
<td>B.I.T Mesra, Ranchi (Jharkhand)</td>
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<td>Siti Mariyam Shamsuddin</td>
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<td>Sri Bandyopadhyay</td>
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<td>Tuty Asma Abu Bakar</td>
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<td>V K Tewari</td>
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<td>William K. Mohanty</td>
<td>Indian Institute of Technology</td>
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<td>Chueerat Jarusukulchai</td>
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<td>Hui Tong Chua</td>
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<td>Andrew Whyte</td>
<td>University of Western Australia</td>
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<td>Johnson Agbinya</td>
<td>Curtin University</td>
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<td>Yuen Ka Veng</td>
<td>La Trobe University</td>
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<td>University of Macau</td>
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<td>Surendra Kumar</td>
<td>SRM University</td>
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<tr>
<td>K. K. Saju</td>
<td>Indian Institute of Technology Poorkee</td>
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**ISLLLE Committee Board**

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<thead>
<tr>
<th>Name</th>
<th>University/Position</th>
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<tbody>
<tr>
<td>Abbas Gholtash</td>
<td>Islamic Azad University</td>
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<tr>
<td>Adrian North</td>
<td>Curtin University</td>
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<tr>
<td>Armin Mahmoudi</td>
<td>Academic Member University</td>
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<tr>
<td>Cai Su</td>
<td>Beijing Normal University</td>
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<tr>
<td>Geoffrey I. Nwaka</td>
<td>Abia State University</td>
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<tr>
<td>Laura B. Liu</td>
<td>Beijing Normal University’s Center for Teacher</td>
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<tr>
<td>Leela Pradhan</td>
<td>Tribhuvan University Kathmandu</td>
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<tr>
<td>Mahabbat Pernebaevna</td>
<td>Taraz State Pedagogical Institute</td>
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<td>Napaporn Srichanyachon</td>
<td>Bangkok University</td>
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<td>Roger Williams University</td>
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<td>Beijing Normal University</td>
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<tr>
<td>Geoffrey I. Nwaka</td>
<td>Abia State University</td>
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## Conference Schedule

### Wednesday, November 6, 2013

**Pre-Registration (15:00-17:00)**
RIHGA Royal Hotel Osaka (6F)

### Thursday, November 7, 2013

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:15-17:30</td>
<td><strong>Registration</strong></td>
</tr>
<tr>
<td>08:45-10:15</td>
<td>Oral Session Suehiro, Education I</td>
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<tr>
<td></td>
<td>Oral Session Koubai, Management I</td>
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<td></td>
<td>Oral Session Hagoromo, Civil Engineering I</td>
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<td></td>
<td>Oral Session Nishiki, Computer and Information Sciences I</td>
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<td>Oral Session Takara, Life Sciences I</td>
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<tr>
<td>10:15-10:30</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>10:30-12:00</td>
<td>Oral Session Suehiro, Keynote Speech</td>
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<tr>
<td></td>
<td>Oral Session Koubai, Biomedical Engineering I</td>
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<td>Oral Session Hagoromo, Environmental Sciences I</td>
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<tr>
<td></td>
<td>Oral Session Nishiki, Computer and Information Sciences II</td>
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<td>Oral Session Takara, Life Sciences II</td>
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<tr>
<td>12:00-13:00</td>
<td><strong>Lunch Time</strong></td>
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<tr>
<td>13:00-14:30</td>
<td>Oral Session Suehiro, Finance</td>
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<td>Oral Session Koubai, Biological Engineering I</td>
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<td>Oral Session Hagoromo, Environmental Sciences II</td>
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<td></td>
<td>Oral Session Nishiki, Computer and Information Sciences III</td>
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<td>Oral Session Takara, Life Sciences III</td>
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<tr>
<td>14:30-14:45</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>14:45-16:15</td>
<td>Oral Session Suehiro, Business I</td>
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<td>Oral Session Koubai, Chemical Engineering I &amp; Fundamental and Applied Science I</td>
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<td>Oral Session Hagoromo, Environmental Sciences III</td>
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<td>Oral Session Nishiki, Material Sciences and Engineering I</td>
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<td>Oral Session Takara, Life Sciences IV</td>
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</table>
16:15-16:30  **Tea Break**

16:30-18:00  Oral Session Suehiro, Language I  
Oral Session KoubaI, Economics & Communication  
Oral Session Hagoromo, Environmental Sciences IV  
Oral Session Nishiki, Mechanical Engineering I &  
Electrical and Electronic Engineering I  
Oral Session Takara, Life Sciences V

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**Poster Session**

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<tr>
<td>08:15-17:30</td>
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<tr>
<td>09:00-10:00</td>
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<tr>
<td>10:15-10:30</td>
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<td>11:00-12:00</td>
<td>Poster Session Ougi, Chemical Engineering</td>
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<td>12:00-13:00</td>
<td><strong>Lunch Time</strong></td>
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</table>
| 13:00-14:00| Poster Session Ougi, Education  
Language  
Management  
Business  
Finance  
Computer and Information Sciences |
| 14:30-14:45| **Tea Break**                                                               |
| 15:00-16:00| Poster Session Ougi, Electrical and Electronic Engineering  
Mechanical Engineering  
Material Engineering |
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<td>08:45-10:15</td>
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<td>Oral Session Hagoromo, Environmental Sciences V</td>
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<td>Oral Session Nishiki, Mechanical Engineering II</td>
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<td>Oral Session Takara, Biological Engineering II</td>
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<td>10:15-10:30</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>10:30-12:00</td>
<td>Oral Session Suehiro, Language II &amp; Linguistics II</td>
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<td>Oral Session Koubai, Culture &amp; Psychology &amp; Sociology</td>
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<td>Oral Session Hagoromo, Environmental Sciences VI &amp; Geosciences and Petroleum Engineering</td>
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<td>Oral Session Nishiki, Mechanical Engineering III</td>
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<td>Oral Session Takara, Life Sciences VI</td>
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<td>12:00-13:00</td>
<td><strong>Lunch Time</strong></td>
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<tr>
<td>13:00-14:30</td>
<td>Oral Session Suehiro, Literature I</td>
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<td>Oral Session Takara, Biomedical Engineering II</td>
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<td>14:30-14:45</td>
<td><strong>Tea Break</strong></td>
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<td>14:45-16:15</td>
<td>Oral Session Suehiro, Education II &amp; Literature II</td>
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<td>Oral Session Koubai, Chemical Engineering II &amp; Fundamental and Applied Science II</td>
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<tr>
<td></td>
<td>Oral Session Hagoromo, Electrical and Electronic Engineering II</td>
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<td>Oral Session Nishiki, Computer and Information Sciences V</td>
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<td>Oral Session Takara, Life Sciences VII</td>
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<tr>
<td>16:15-16:30</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>16:30-18:00</td>
<td>Oral Session Suehiro, Education III</td>
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<td>Oral Session Koubai, Chemical Engineering III &amp; Material Engineering III</td>
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<td>Oral Session Hagoromo, Civil Engineering II</td>
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## Poster Session

<table>
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<tbody>
<tr>
<td>08:15-17:30</td>
<td><strong>Registration</strong></td>
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<tr>
<td>09:00-10:00</td>
<td>Poster Session Ougi, Biomedical Engineering</td>
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<tr>
<td>10:15-10:30</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>11:00-12:00</td>
<td>Poster Session Ougi, Biological Engineering</td>
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<td>Life Sciences II</td>
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<td>Fundamental and Applied Sciences</td>
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<tr>
<td>12:00-13:00</td>
<td><strong>Lunch Time</strong></td>
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<tr>
<td>13:00-14:00</td>
<td>Poster Session Ougi, Life Sciences III</td>
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<tr>
<td>14:30-14:45</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>15:00-16:00</td>
<td>Poster Session Ougi, Civil Engineering</td>
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<td>Environmental Sciences</td>
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<td>Life Sciences IV</td>
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### Saturday, November 9, 2013

**Executive Committee Meeting (Committee Only)**
RIHGA Royal Hotel Osaka
5-3-68 Nakanoshima, Kita-ku, Osaka 530-0005 Japan
Phone: +81 (0)6-6448-1121 Fax: +81 (0)6-6448-4414
Website: http://www.rihga.com/osaka/

RIHGA Royal Hotel Osaka takes pride in being among the largest hotels in Japan. Featuring more than twenty restaurants and bars serving food from around the world including Japanese cuisine, the hotel functions as a complete town, filled with some sixty shops. Adjacent to an international conference center, the RIHGA Royal Hotel Osaka is flanked by rivers and surrounded by beautiful scenery. Conveniently located in a safe district, the RIHGA Royal Hotel Osaka provides easy access to sightseeing spots in Kyoto, about one hour using the direct subway that runs under the hotel. Provided with all the functions of a Western hotel, the hotel is tastefully decorated in accordance with Japanese aesthetics including the use of washi. Even if your sojourn is short, you can enjoy the elegance of Japan to your heart’s content. An excellent recommendation is a dinner of traditional Japanese food under our artificial starry sky.

How to get to RIHGA Royal Hotel Osaka

From Kansai International Airport:
Use the JR airport rapid service to Osaka station, about 65 minutes

From JR Osaka Station:
10 minutes using the free shuttle bus or a taxi, approximately 1,000 yen.

Alternatively, board the Osaka-bound bun from bus terminal number five on the first floor of the airport. Get off at Herbis Osaka, then take a taxi or the free shuttle bus from JR Osaka station as above.

You can also catch a taxi. The ride is approximately 60 minutes and costs about 18,000 yen.
RIHGA Royal Hotel Floor Plan (6F)
Oral Sessions Agenda

Education I

Suehiro 08:45~10:15 Thursday, November 7

Session Chair: Prof. Nirattaya Khamsemanan

ISLLLE-202
CESMath: An Intelligent Web-based Application for Mathematical Education with Free-Answer Questions and Personalization
Nirattaya Khamsemanan Thammasat University
Cholwich Nattee Thammasat University
Pornchai Inchai IPST

ISLLLE-203
A Development of the Teachers’ Sense of Efficacy Scale, Thai version
Natthapol Jaengaksorn Chulalongkorn University

ISLLLE-245
Human Resource Development for Online Reservation of Hotels and Resorts in Thailand
Warrapojn Panrod Prince of Songkla University

ISLLLE-333
The Influence of Organizational Experiences and Career Satisfaction on Computer Teachers at Siam Business Administration Nonthaburi Technological College (SBAC Nonthaburi): A Case Study
Theerapath Prawatrungruang North Bangkok University

ISLLLE-779
The Appropriacy of Texts in The Last Two Midterm Exams of Dbe/Metu with Respect to Epe Reading Texts
Zeynep Nur İşler Middle East Technical University
Nazife Duygu Bagci Middle East Technical University
ISBSS-1340

A reading based curriculum for teaching English in Japan’s elementary schools

Kenneth Kwan Pang Chan  
*Doshisha University*
Oral Sessions Agenda
Management I
Koubai 08:45~10:15 Thursday, November 7
Session Chair: Prof. Shelly Jose

ISBSS-482
Techniques of Logistics Management Affecting the Logistics Efficiency of the Electronics Parts Industry in Thailand: A Case of Manufacturers in the Industrial Promotion Zone, the Area of Prathumtani and Ayatthaya Province
Phat Pisitkasem  Rangsit University

ISBSS-498
The Contextual influence in Organizational Behavior - A review
Shelly Jose  Rajagiri College of Social Sciences

ISBSS-1362
A Study of the Appropriate Supply Chain Management to Support the Expansion of Oil Palm Plantation in Pakpanang Basin and Adjacent Area in Nakhonsithammarat Thailand.
Boontaree Chanklap  Walailak University

ISBSS-1333
Using volunteered geographic information of social networking website for spatial management of tourism
Meng-Lung Lin  Aletheia University
Chien-Min Chu  Chinese Cultural University
Chiung-Hsu Liu  Aletheia University
Oral Sessions Agenda

Civil Engineering I

Hagoromo  08:45~10:15  Thursday, November 7

Session Chair: Prof. Hansoo Kim

ACCMES-1041
A Survey of Malaysian Contractors on Construction Claim Problems
Nor Azmi Bakhary  Universiti Teknologi MARA
Noor Akmal Adillah Ismail  Universiti Teknologi MARA
Hamimah Adnan  Universiti Teknologi MARA
Azmi Ibrahim  Universiti Teknologi MARA

ACCMES-1038
Sustainable Tourism Management to Adopt the Climate Change with High Resolution Geospatial Data in Alishan, Taiwan
Teng-To Yu  National Cheng Kung University
Han-Chou Tseng  Alishan National Scenic Administrator Office
Chao-Shi Chen  National Cheng Kung University

ACCMES-1109
Structural Methods to Reduce Differential Column Shortening in Tall Buildings
Hansoo Kim  Konkuk University
Seunghak Shin  Konkuk University

ACCMES-1005
Environmental Spill and Fire Protection Challenges for Road and Rail Truck – Loading and Unloading Facility
Reynaldo Dimla Velasco  Fluor Corporation-Filinvest Alabang
Medeline Pangilinan  Fluor Corporation-Filinvest Alabang
Eric Tanjutco  Fluor Corporation-Filinvest Alabang
John Russell Ramirez  Fluor Corporation-Filinvest Alabang
ICEAS-1852

A Study on Strength Characteristics of Alluvial Soil with Addition Of Laterite And Sand For Using As Roadway Subgrade

Tapash Kumar Roy

Bengal Engineering & Science University, shibpur
Oral Sessions Agenda

Computer and Information Sciences I

Nishiki 08:45~10:15 Thursday, November 7

Session Chair: Prof. Yen-Liang Chen

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ICEAS-1597
Mining Temporal Patterns with Time-Intervals
Yen-Liang Chen  National Central University

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ICEAS-1604
Application of a Neural Network and a Regression Model to Predict the Gender of a Crab
Wang Yu Cheng  Feng Chia University
Toly Chen  Feng Chia University

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ICEAS-1643
Novel Identity-Based Key-Insulated Strong Designated Verifier Signature Scheme
Han-Yu Lin  National Taiwan Ocean University
Chi-Kuang Yeh  National Taiwan Ocean University

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ICEAS-1704
Mining Fuzzy Association Rules from Concept Hierarchy
Wang Chein-Hua  Yuan Ze University
Pang Chin-Tzong  Yuan Ze University

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ICEAS-1762
Delay Effect on Homogeneous and Heterogeneous Traffic in Optical Burst Switched Network
Suriani Mohd Sam  University Technology Malaysia
Hamdan Sayuti  University Technology Malaysia
Norsheila Fisal  University Technology Malaysia
Norliza Mohamed  University Technology Malaysia
Oral Sessions Agenda

Life Sciences I

Takara 08:45~10:15 Thursday, November 7

**Session Chair:** Prof. Supaporn Lamlertthon

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**LSBE-573**

*Carthamus tinctorius as a source of potent inhibitors of Human Cytochrome P450 2A13*

Aruna Prasopthum  
*Mahidol University*

Songklod Sarapusit  
*Burapha University*

Pornpimol Rongnoparut  
*Mahidol University*

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**LSBE-732**

*Anti-Candida activity of long pepper (Piper retrofractum Vahl) extract*

Supaporn Lamlertthon  
*Naresuan University*

Prankthip Intarapaichit  
*Naresuan University*

Anan Ounarooon  
*Naresuan University*

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**LSBE-1094**

*Volumetric Changes of the Temporal Lobes in a Student Population of Cannabis Users Aged 18-30 Years*

Jairo Alberto Zamudio-Rodriguez  
*Universidad Distrital Francisco José de Caldas*

Carmen Helena Moreno Durán  
*Universidad Distrital Francisco José de Caldas*

Germán Arango  
*Clínica Palermo*

José Hernando Morales  
*Clínica Palermo*
### LSBE-641

**Design, molecular modelling, chemical synthesis and evaluation of antinociceptive effect for some phenazone analogues**

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Salah Mosbah Bensaber</td>
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<td>Mousa Ibraheem Joaeda</td>
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<td>Ibraheem A. Mrema</td>
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<td>Hager A. Allafe</td>
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<tr>
<td>Nouri B. Ermeli</td>
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<tr>
<td>Mabrok Erhuma</td>
<td>National Medical Research Centre</td>
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<td>Zaineb S. Abood</td>
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<td>Sofian T. Mohamed</td>
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<tr>
<td>Abdalmotaleb El-Zitrini</td>
<td>National Medical Research Centre</td>
</tr>
<tr>
<td>Anton Hermann</td>
<td>University of Salzburg</td>
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</tbody>
</table>

### LSBE-620

**Chemical synthesis, molecular modelling and evaluation of anticancer activity of some pyrazolidone Schiff’s base derivatives**

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<td>Sami G. Alsabri</td>
<td>National Medical Research Centre</td>
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<tr>
<td>Anton Hermann</td>
<td>University of Salzburg</td>
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</table>
Keynote Speech

Suehiro  10:30~12:00  Thursday, November 7

**Topic:** "Global Challenges for Business and Social Science - Despair or Hope?"

**Keynote Speech Summary:**
- Economic challenges – Eurozone crisis, China slowdown, US recovery?
- Developments in Japan – ‘Abenomics’ & Constitutional Change?
- War, human rights and social justice – the ‘Arab Spring’ turning to winter? Snowden, Manning, Assange & drones
- Ethical investment and developing economies
- Climate change and sustainable development - Science and technology to the rescue?
- Towards better global governance? Hegemonic rivalry in the Asia-Pacific

**Prof. Craig Mark**

Associate Professor, School of International Studies
Kwansei Gakuin University, Japan

Associate Professor at the School of International Studies, Kwansei Gakuin University (KGU), teaches and researches in International Security, Foreign Policy and Australian Politics. He also teaches for the School of Law and Politics at KGU, and has previously been a lecturer at Macquarie University, and the University of NSW in Sydney, Australia.

Publications:
Maritime Rivalry in the Asia-Pacific: Prospects for a Regional Arms Control Treaty' (June 2013)
Edward Snowden's flight shows the limits of US power' (June 2013)
Trust in the 2013 Australian Election', (June 2013)'
Connectedness, Identity and Alienation and the Japanese 2013 Election', (April 2013)
War and Conflict in Africa' (March 2013)
Geopolitics of the Asia-Pacific: the Fate of Regional Security Institutionalism' (March 2013)
Oral Sessions Agenda

Biomedical Engineering I

Koubai 10:30~12:00 Thursday, November 7

Session Chair: Prof. Michel Linder

ICEAS-1709
Effect of heat stress shown in APG signal
Aya Matsuyama Charles Darwin University

ICEAS-1722
Heat Transfer Analysis of Human Skin during Subjected to Cold Therapy
Teerapot Wessapan Eastern Asia University

ICEAS-1737
Physicochemical characterization of marine LC-PUFA nanoliposomes: application of this new drug delivery system improving the biomolecules activities
Michel Linder Université de Lorraine
Elmira Arab Tehrany Université de Lorraine

ICEAS-1749
Stimulation of Nerve Regeneration using Vitamin D3 Encapsulated Liposomes
Vichuda Charoensaensuk King Mongkuts University of Technology Thonburi
Kwanchanok Viravaidya-Pasuwat King Mongkuts University of Technology Thonburi

ICEAS-1755
Contour-Based Facial Symmetry Assessment Method
Yu-Xin Zhang National Cheng Kung University
Oral Sessions Agenda

Environmental Sciences I

Hagoromo 10:30~12:00 Thursday, November 7

Session Chair: Prof. Chu-Yang Chou

ACCMES-1022
The Effectively Natural Reagent for Simultaneous Naked-eye Determination of Cu(II), Pb(II), Fe(III) and Al(III) in Water Sample
Warangkhana Khaodee Chulalongkorn University

ACCMES-1123
Applying Dual Microbial Fuel Cells on Electricity Production during Wastewater Treatment
Chu-Yang Chou National Taiwan University
Yu-Wen Huang National Taiwan University
Chia-Lin Weng National Taiwan University
An-Chi Liu National Taiwan University

ACCMES-1048
Scaling Formation of Re-mineralized Desalinated Seawater in Pipeline System: Effects of Mineral Species
Xu Yang National University of Singapore
Zhang Jufang National University of Singapore
Wang Le National University of Singapore
Hu Jiangyong National University of Singapore
Xie Rongjin Public Utilities Board
Mylene Gomez Public Utilities Board
Choon Nam Ong National University of Singapore
Avner Adin The Hebrew University of Jerusalem
ACCMES-1031

Multi-zone Network Airflow Model Calibration Process and Verification

Seul-Ki Han  
Joon-Young Park  
Eun-Ji Lee  
Jae-Weon Jeong  

Hanyang University

ICEAS-1999

Food Plant Diversity around Sadengan and Triangulasi Alas Purwo National Park, Banyuwangi, East Java

Nurina Kurnianingsiwi Atmono  

Padjadjaran University
Oral Sessions Agenda

Computer and Information Sciences II

Nishiki 10:30~12:00 Thursday, November 7

Session Chair: Prof. Rong-Chin Lo

ICEAS-1710
Using Genetic Algorithm to Achieve 3D Stereo Camera Self-Calibration Based on Plane Constraints of Scene

Rong-Chin Lo National Taipei University of Technology
Chien-Cheng Chen National Taipei University of Technology
Oral Sessions Agenda

Life Sciences II

Takara 10:30~12:30 Thursday, November 7

Session Chair: Prof. Ramdas Dhondiram Bodare

LSBE-574
Time- and NADPH-dependent inactivation of human CYP2A6 by Averrhoa carambola fruit
Phisit Pouyfung  Mahidol University
Songklod Sarapusit  Burapha University
Pornpimol Rongnoparut  Mahidol University

LSBE-616
Rice and Weedy Rice Competition in Laboratory and Greenhouse Conditions
Nadhirah Abd Aziz  Universiti Sains Malaysia
Mashhor Mansor  Universiti Sains Malaysia

LSBE-683
The role of sublingual and submandibular glands on the testicular functions in mice (Mus musculus)
Ramdas Dhondiram Bodare  S. G. M. College
Meena Madhavan Pillai  K. I. T. College of Engineering

LSBE-718
Screening of ornamental plant seeds for Pb tolerance: a preliminary study
Ing Chia Phang  International Islamic University Malaysia
Noraishah A. Majid  International Islamic University Malaysia
LSBE-738
Association Study of Nostoc Strain CPG8, CPG24, and GIA13a with Roots of Rice (Oryza sativa L.) through Scanning Electron Microscopy
Aprilia Nur Fitrianti  Universitas Indonesia
Dian Hendrayanti    Universitas Indonesia
Lestari Rahayu Kusmadji Universitas Indonesia

LSBE-818
Thoracic Aorta Contracting Response to Microgravity Simulation: Role of L-Type Calcium Channels
Zahra Hajebrahimi  Iranian Space Research Center
Hajar Soltani  Payame Noor University
Maedeh Arabian  Iranian Space Research Center
Sima Nasri  Payame Noor University
Nahid Aboutaleb  Iranian Space Research Center
Oral Sessions Agenda

Finance

Suehiro 13:00~14:30 Thursday, November 7

Session Chair: Prof. Chih-Yung Lin

ISBSS-1353
Defensive Repurchases: The Managerial Entrenchment versus Shareholder Interests
Chia-Wei Huang  Yuan Ze University
Sheng-Syan Chen  National Taiwan University

ISBSS-1354
The Bright Side of Government Banks-Evidence from the Global Financial Crisis
Chih-Yung Lin  Yuan Ze University
Iftekhar Hasan  Fordham University and Bank of Finland
Yehning Chen  National Taiwan University
Yan-Shing Chen  National Taiwan University

ISBSS-1401
Long-run SEO underperformance: An idiosyncratic risk explanation
Po-Hsin Ho  National United University
Chia-Wei Huang  Yuan Ze University
Chih-Yung Lin  Yuan Ze University
Ju-Fang Yen  National Taipei University

ISBSS-1361
CEO Overconfidence and the Long-Term Performance Following Capital Expenditures Increases
Po-Hsin Ho  National United University
### ISBSS-1347

**Further evidence on bear market predictability: The role of the external finance premium**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Yu-Hsi Chou</td>
<td><em>Fu-Jen Catholic University</em></td>
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<tr>
<td>Nan-Kuang Chen</td>
<td><em>National Taiwan University</em></td>
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<tr>
<td>Shiu-Sheng Chen</td>
<td><em>National Taiwan University</em></td>
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### ISBSS-1344

**Alternative Model for Financing Micro Enterprises in Malaysia**

<table>
<thead>
<tr>
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<tr>
<td>Mohamed Asmy Mohd Thas Thaker</td>
<td><em>International Islamic University Malaysia</em></td>
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<tr>
<td>Mustafa Omar Mohammed</td>
<td><em>International Islamic University Malaysia</em></td>
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<tr>
<td>Jarita Duasa</td>
<td><em>International Islamic University Malaysia</em></td>
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<tr>
<td>Moha Asri Abdullah</td>
<td><em>International Islamic University Malaysia</em></td>
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Oral Sessions Agenda

Biological Engineering I

Koubai 13:00~14:30 Thursday, November 7

Session Chair: Prof. Radhika T S L

LSBE-669
Identification of peptide-mimetic inhibitors against amyloid-beta peptide aggregation by pharmacophore modeling, virtual screening, molecular docking and molecular dynamics simulations
Zheng-Li Zhou National Taipei University of Technology
Hsuan-Liang Liu National Taipei University of Technology

LSBE-724
Pharmacophore modeling, virtual screening, and molecular docking studies for discovery of novel aldose reductase 2 inhibitors
Huang-Sheng Liao National Taipei University of Technology
Hsuan-Liang Liu National Taipei University of Technology

LSBE-751
Pulse Transit Time – A Comparison of Values Derived Through Mathematical and Experimental Approaches
Radhika T S L BITS Pilani, Hyderabad Campus
Srinivas M B BITS Pilani, Hyderabad Campus

LSBE-796
Genomics of a novel bacteria, as an anti-bacterial candidate in aquaculture
Mohamad Fadjar University of Brawijaya
Yuni Kilawati University of Brawijaya
Asep Awaludin Prihananto University of Brawijaya
**LSBE-810**

Elasticity of chondrocyte: Experiment with Atomic force microscope

Teeranoot Chanthasopeephan  
*King Mongkuts University of Technology Thonburi*

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**LSBE-722**

Low-frequency Spectroscopy Analysis of Murine Polyoma Virus-like Particles

Hidayatul Zakaria  
*Universiti Malaysia Terengganu*

Robert Falconer  
*The University of Sheffield*

Anton Middelberg  
*University Of Queensland*

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**LSBE-1071**

The Pharmaceutical compounding that Target amyloid-β1–42 in Alzheimer’s disease

Majid Vahed  
*National Institute of Genetic Engineering and Biotechnology*
Oral Sessions Agenda

Environmental Sciences II

Hagoromo 13:00~14:30 Thursday, November 7

Session Chair: Prof. Jwo-huei Jou

ACCMES-1002
Enabling a Human-friendly Lighting Environment with Color and Color-temperature Tunable Organic Light-emitting Diodes
Jwo-huei Jou  National Tsing-Hua University

ACCMES-1052
Control Strategies for the Desiccant and Evaporative-Cooling-assisted 100% Outdoor Air System
Min-Hwi Kim  Hanyang University
Hong-Jae Cho  Hanyang University
Sang-Woo Ham  Hanyang University
Jae-Weon Jeong  Hanyang University

ACCMES-1056
Potential Greenhouse Gases Sequestration by Spirulina Platensis in Novel Photo-Bioreactor
Panyamee Sachakamol  PTT Research and Technology Institute
Sarintip Vaewhongs  PTT Research and Technology Institute
Kanatip Ratanachoo  PTT Public Company Limited

ACCMES-1001
Effectiveness of UV-HEPA Purification Unit towards Indoor Air Quality in Selected Workplaces
M.Ismail  Universiti Malaysia Terengganu
N.H.A. Baharuddin  Universiti Malaysia Terengganu
A.S.Anuar  Universiti Malaysia Terengganu
A.Suroto  Universiti Malaysia Terengganu
Applications of WASP on Local Water Quality in Lamtakhong River

Nares Chuersuwan  Suranaree University of Technology
Apaithoon Suwanchoojit  Department of Water Resource
Sukanda Chuersuwan  Department of Water Resource
Oral Sessions Agenda

Computer and Information Sciences III

Nishiki 13:00~14:30 Thursday, November 7

Session Chair: Prof. Nanik Suciati

ICEAS-1763
Texture Segmentation Based on Morphological Operation for Fringe Pattern Identification on Batik Fabrics
Anny Yuniarti  
Abdul Munif  
Nanik Suciati  
Yoshifumi Chisaki  

Institut Teknologi Sepuluh Nopember

ICEAS-1781
Prediction of Protein Relative Solvent Accessibility Using Conditional Random Fields
Tu-Liang Lin  
Hong-Yi Chang  

National Chiayi University

ICEAS-1802
An Android-based Power Management Mechanism for Location-based Services
Yi-Chun Chang  
Jian-Wei Li  

Hungkuang University

ICEAS-1724
A Machine Learning-Based Method To Model Promoters Of Co-expressed Genes
Yosvany López  
Kenta Nakai  

The University of Tokyo
Oral Sessions Agenda

Life Sciences III

Takara 13:00~14:30 Thursday, November 7

Session Chair: Prof. Nafisa Mingazova

LSBE-774
Identification of AHL degrading Bacillus isolated from the shrimp ponds in East Java of Indonesia
Ating Yuniarti University of Brawijaya
Anik M. Hariati University of Brawijaya
Maftuch University of Aquaculture
Soemarno University of Brawijaya
Aulanni'am University of Brawijaya

LSBE-783
The effect of Lactobacillus paracasei subsp. paracasei NTU101-fermented soy milk on adipogenesis
Meng-Chun Cheng National Taiwan University
Tsung-Yu Tsai Fu Jen Catholic University
Tzu-Ming Pan National Taiwan University

LSBE-786
Bovine gastrointestinal parasitism with special emphasis on cryptosporidiosis in Badulla District of Sri Lanka
Sudini Ranshaya Fernando Uva Wellassa University

LSBE-791
The taxonomic diversity of zoobenthos in the Abkhazia Republic rivers (Caucasus)
Dina Mingazova Kazan Federal University
Venera Ivanova Kazan Federal University
Nafisa Mingazova Kazan Federal University
Elvira Nabeeva Kazan Federal University
Dbar Roman Abkhaz State University
LSBE-842

Isolation and Characterization of Nano Calcium from Freshwater Mussel (Anodonta woodiana) using Precipitation Method

Sata Yoshida Srie Rahayu  Pakuan University
Tri Aminingsih  Pakuan University
Mira Miranti  Pakuan University
Oral Sessions Agenda

Business I

Suehiro 14:45~16:15 Thursday, November 7

Session Chair: Prof. Maya Safira Dewi

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ISBSS-1402
Applying an AHP-HOQ to Determine Ready Mixed Concrete Business Strategic in Rural of Thailand: a Preliminary Study
Amonrat Chumphoo King Mongkuts University of Technology North Bangkok

ISBSS-2061
Tax Law System Analysis in Tax Haven Countries and Relation to International Practice
Maya Safira Dewi Bina Nusantara University
Desiyana Bina Nusantara University

ISBSS-2076
A Factor Analysis of Determining Success in Electronic Commerce (e-Commerce) Business in Thailand
Nutthapat Kaewrattanapat Suan Sunandha Rajabhat University

ISBSS-1368
Exploring Creative Collaboration in Museum Industry: from the Perspective of Creative Talent
Wang Wan-Jou National Cheng Kung University
Chung Hsiao-Ling National Cheng Kung University

ISBSS-1381
The Way to Manage User Resistance toward Social Media
Peng-Ting Chen National Kaohsiung University of Applied Sciences
Shu-Chen Kuo I-Shou University
Kuan-Chen Li National Kaohsiung University of Applied Sciences
## Oral Sessions Agenda

### Chemical Engineering I/
Fundamental and Applied Sciences I

**Koubai**  
14:45~16:15  
Thursday, November 7

**Session Chair:** Prof. Yousef Saleh Al-Zeghayer

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<th>ICEAS-1633</th>
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<tr>
<td><strong>Support Effects on Ethane Oxidation Catalyzed by MoVNb Catalyst</strong></td>
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<td>Yousef Saleh Al-Zeghayer</td>
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<td>Sulaiman Ibrahim Al-Mayman</td>
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<td>Abdulrhman Saleh Al-Awadi</td>
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<td>Moustafa Aly Soliman</td>
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<tr>
<td><strong>The preparation of Cu(In,Al)Se2 thin films using selenization of sputtering Cu-In-Al metal precursors for solar energy application</strong></td>
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<td>Kong-Wei Cheng</td>
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<td>Kei Hinaro</td>
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<td>Yi Chiu</td>
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<th>ICEAS-1693</th>
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<tr>
<td><strong>Slip effect Study of 4:1 Contraction Flow with Rounded Corner Geometry for Newtonian Fluid</strong></td>
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<td>Nawalax Thongjub</td>
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<td>Bumroong Puangkird</td>
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<td>Vimolrat Ngamaramvaranggul</td>
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<tr>
<td><strong>The effect of slip boundary on the unsteady blood flow in 3D tubes</strong></td>
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<td>Nathnarong Khajohnsaksumeth</td>
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<td>Benchawan Wiwatanapataphee</td>
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<td>Yong Hong Wu</td>
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ICEAS-1779

Numerical Approximations of Average Run Length

Sophana Somran  
King Mongkut’s University of Technology North Bangkok

Saowanit Sukparungsee  
King Mongkut’s University of Technology North Bangkok

Yupaporn Areepong  
King Mongkut’s University of Technology North Bangkok

ICEAS-1985

Fuzzy rating score on the Likert scale

Atchanut RATTANALERTNUSORN  
Kasetsart University

Ampai THONGTEERAPARP  
Kasetsart University

Winai BODHISUWAN  
Kasetsart University
Oral Sessions Agenda

Environmental Sciences III

Hagoromo 14:45~16:15 Thursday, November 7

Session Chair: Prof. Jung-Hua Chou

ACCMES-1071
Effect of Climate Change on the Environmental Fate, Bioavailability, Bioaccumulation and Toxicity of Bisphenol A in the Marine Environment
Siriporn Borrirukwisitsak  University of Strathclyde
Helen E. Keenan  University of Strathclyde
Caroline Gauchotte-Lindsay  University of Glasgow
Peter A. G. Cormack  University of Strathclyde

ACCMES-1081
Decomposing Composites for Reuse by an Environmentally Friendly Thermo-mechanical Process
Hsing Yuan Yen  Kao Yuan University
Chih-Hsin Hsueh  National Cheng Kung University
Jung-Hua Chou  National Cheng Kung University

ACCMES-1062
Effects of Hydraulic Retention Time and Bisphenol A Concentration on Performance of Membrane Bioreactor
Sirichai Koonaphapdeelert  Chiang Mai University
Atchariya Charoenwai  Chiang Mai University

ICEAS-1657
Productivity of Wastewater Treatment Plants Considering Undesirable Outputs: A Malmquist-Luenberger Approach
Francesc Hernández-Sancho  University of Valencia
María Molinos-Senante  University of Valencia
Ramón Sala-Garrido  University of Valencia
ICEAS-1769

Validation of Local Exhaust Ventilation (LEV) Performance Model with Analytical, experimental and Computational Fluid Dynamic (CFD)

Nor Halim Bin Hasan  
Universiti Teknikal Malaysia Melaka

M.R Said  
Universiti Teknikal Malaysia Melaka

A.M. Leman  
Universiti Tun Hussein Onn Malaysia

Norzilawati Asmuin  
Universiti Tun Hussein Onn Malaysia
Oral Sessions Agenda

Material Sciences and Engineering I

Nishiki 14:45~16:15 Thursday, November 7

Session Chair: Prof. Khairul Anuar Mohamad

ICEAS-1673
Mixed P3HT/PCBM Organic Thin-Film Transistors: Relation between Morphology and Electrical Characteristics
Khairul Anuar Mohamad Universiti Malaysia Sabah

ICEAS-1674
Effect of Zinc Doping on the Sol-gel Derived CuGaO2 Films
Afishah Alias Universiti Malaysia Sabah

ICEAS-1812
Controlled Formation of FIB Fabricated Au Nanorod System as SERS-active Substrate for Detecting Contaminated Molecules
Sivashanmugan Kundan National Cheng Kung University
Jiunn-Der Liao National Cheng Kung University
Bernard Haochih Liu National Cheng Kung University
Chih-Kai Yao National Cheng Kung University
Jui-Teng Cheng National Cheng Kung University

ICEAS-1918
A New Approach for Preparing Bio-hybrid Material of PVA/RS/SF with Special Water Affinity
Pusita Kuchaiyaphun Niigata University/ Chiang Mai University
Takeshi Yamauchi Niigata University
Surasak Watanesk Chiang Mai University
Ruangsri Watanesk Chiang Mai University
ICEAS-1776
Printability of UV Curable Polymeric Composite with High Concentrations of Nano and Micron Sized Particles
Ada Ortega  The University of Texas at El Paso
Ha Ryeong Choi  SeoKyeong University

ACCMES-1108
Tensile and Flexure Strength of Water Hyacinth Fibers - Polyester Composites Before and After Immersion in Water
H. Abral  Andalas University
D. Kadriadi  Andalas University
A. Rodianus  Andalas University
P. Mastariyanto  Andalas University
Ilhamdi  Andalas University
S. Arief  Andalas University
Oral Sessions Agenda

Life Sciences IV

Takara 14:45~16:15 Thursday, November 7

Session Chair: Prof. Kamonwan Chucheep

LSBE-797

The Biodiversity of Water Objekts of Urban Territories (Kazan, Russia)

Nafisa Mingazova  
Olga Derevenskaya  
Olga Palagushkina  
Elvira Nabeeva  
Renat Zamaletdinov  
Nailya Zaripova  
Kazan Federal University

LSBE-830

Phenolic acids profiles and antioxidant activity of Malay Apple, Star Fruit, Pomelo and Shogun Orange

Kamonwan Chucheep  
King Monkuts Institute of Technology Ladkrabang  
Chumphon campus

LSBE-834

Rifampicin Enhances the Cyanobacterial Recombinant SmtB Protein Expression, Purification and Yield without Affecting Structural Assembly in T7 RNA Polymerase/promoter Based System in E. coli

Rahul M Shelake  
Hidenori Hayashi  
Shunnosuke Abe  
Eugene Hayato Morita  
Ehime University
LSBE-789

Biomonitoring and water quality assessment through zoobenthos of the Abkhazia Republic rivers (Caucasus)
Nabeeva Elvira  
Kazan (Volga Region) Federal University
Mingazova Dina  
Kazan (Volga Region) Federal University
Mingazova Nafisa  
Kazan (Volga Region) Federal University
Dbar Roman  
Abhazia State University
Ivanova Venera  
Kazan (Volga Region) Federal University

LSBE-664

Zooplankton of water objekts of Caucasus Mountain, (Abkchazia)
Olga Yurjevna Derevenskaia  
Kazan (Volga region) Federal University
Nafisa Mansurovna Mingazova  
Kazan (Volga region) Federal University

LSBE-804

Clustering Analysis of Amorphophallus muelleri Blume Found in East Java Based on PCR-RFLP markers of CSLA Gene encoding Mannan Synthase
Novie Ary Priyanti  
University of Brawijaya
Rodliyati Azrianingsih  
University of Brawijaya
Estri Laras Arumingtyas  
University of Brawijaya
Oral Sessions Agenda

Language I

Suehiro 16:30~18:00 Thursday, November 7

Session Chair: Prof. Heesoeb Kim

ISLLLE-169
Exploring EFL Teachers’ Talk Around Dialogue Texts and Narrative Texts
Lu-Chun Lin National Chiao Tung University

ISLLLE-177
Community-based Arabic Practicum
Jeremy Palmer American University of Sharjah

ISLLLE-179
The Focused Input and Output of EAP Formulaic Expressions for Virtual Conferences
Wen-Chun Chen National Chung-Cheng University

ISLLLE-233
Does the Vertical and the Horizontal Connectivity in the Textbooks Matters in the Japanese Language Teaching in Korea?
Heeseob Kim Pukyong National University
Sangsu Lee Pukyong National University

ISLLLE-237
An Investigation of EFL Engineering Students’ Cognitive Styles: Implications for Designing Language Tasks
Urarat Parnrod King Mongkut’s University of Technology Thonburi
Pornapit Darasawang King Mongkut’s University of Technology Thonburi
Wareesiri Singhasiri King Mongkut’s University of Technology Thonburi
Oral Sessions Agenda
Economics/ Communication

Suehiro 16:30~18:00 Thursday, November 7

Session Chair: Prof. Stephen B. Ryan

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ISBSS-1409
Microfinance and family ties: Challenge to reduce the loan default in urban area in Thailand
Kawin Phupoxsakul  Chulalongkorn University

ISBSS-1398
The Optimal Inflation Target Band: A New Keynesian Perspective
Nath Bunditwattanawong  Chulalongkorn University

ISBSS-1359
How First-Hand Experience Modifies Schema: a Japanese study abroad group in Australia
Stephen B. Ryan  Yamagata University

ISBSS-1406
The Conflicting Interests of the Public Interest Groups and Businesses in Malaysia; the Effect of Misrepresentation in Public Interest Group’s Roles and Responsibilities
Shira Haniza Yaakop  Universiti Teknologi MARA
Ismail Sualman  Universiti Teknologi MARA
Siti Zabedah Mohd Shariff  Universiti Teknologi MARA
Oral Sessions Agenda
Environmental Sciences IV

Hagoromo 16:30~18:00 Thursday, November 7

Session Chair: Prof. Alvin Lai

ICEAS-1787
A Comparative Study on Lake Depth Profiles of Temengor Reservoir, Perak, Malaysia
Nor Aisyah Omar Universiti Sains Malaysia

ICEAS-1856
The Effect of Age of Napier Pakchong I on Biogas Yield from the Anaerobic Co-digestion with Cow Dung
Lertluck Saitawee Rajamangala University of Technology Rattanakosin

ICEAS-1857
Comparative Studies of Biochar Produced from Oil Palm Residues by Hydrothermal Carbonization
Jakaphong Kongpanya Rajamangala University of Technology Rattanakosin

ACCMES-1061
A Numerical Study on Effectiveness of Upper-Room Ultraviolet Germicidal Irradiation System in a Simulated Hospital Ward
Alvin Lai City University of Hong Kong

ACCMES-1064
Potential of Water Hyacinth (Eichhornia crassipes) as Fitoremediaton Agent of Textile Waste in Citarum River, Indonesia
Niko Junianto University of Padjadjaran
Nisa Auliya Mahardini University of Padjadjaran
Rizka Purnamawati University of Padjadjaran
Oral Sessions Agenda

Mechanical Engineering I / Electrical and Electronic Engineering I

Nishiki 16:30~18:00 Thursday, November 7

Session Chair: Prof. Sangamesh G. Sakri

ICEAS-1818
A new proposed efficient large-scale hydrogen liquefaction plant
Songwut Krasae-in  Rajamangala University of Technology Krungthep

ICEAS-1939
Vibration Suppression of the Shaft using Single-Side Support Four-Pole Active Magnetic Bearing
Nitisak Numanoy  Suranaree University of Technology
Jiraphon Srisertpol  Suranaree University of Technology
Teetut Dolwichai  Suranaree University of Technology

ICEAS-1589
A Simple and Fast Method for Fabricating A Rapid Tooling with High Form Accuracy
Chil-Chyuan Kuo  Ming Chi University of Technology
Hsiu-Ju Hsu  Ming Chi University of Technology
Teng-Sheng Chiang  Ming Chi University of Technology

ICEAS-1684
Study of Consumer Behaviour for Energy Efficiency Programs in India under DSM
Sangamesh G. Sakri  PDA College of Engineering Gulbarga

ICEAS-1735
Signal Processing Method for High Speed Train Environment Based on IEEE 802.15.4
Kanghoon Kim  Sogang University
ICEAS-1761

Optimal Parameters Designed for Zero Voltage Switched Mode Power Supply

Worapong Pairindra  Valaya Alongkorn Rajabhat University
Oral Sessions Agenda

Life Sciences V

Takara 16:30~18:00 Thursday, November 7

Session Chair: Prof. Anil Ramchandra Kurhe

LSBE-884
Distribution of Molluscan Fauna (Gastropod Molluscs) from Selected Localities of Sindhudurg Coast Maharashtra, India
Anil Ramchandra Kurhe PVP College, Pravaranagar
Ganesh Dadarao Suryawanshi Yogeshwary College, Ambajogai
Sangeeta B Dongare Milind College of Science, Aurangabad

LSBE-1083
A Comparative Study of Different Species of Phyllanthus spp. on Chondroprotective Potential
Kittisak Buddhachat Chiang Mai University
Siriwadee Chomdej Chiang Mai University
Maslin Osathanunkul Chiang Mai University

LSBE-761
Functional Insights and Engineering of Biosynthetic Pathways of Bioactive Indolocarbazole Glycosides by In Vitro Enzyme Reconstitution
Hsien-Tai Chiu National Cheng Kung University
Yi-Lin Chen National Cheng Kung University
Chien-Pao Weng National Cheng Kung University

LSBE-882
PHYSIOLOGICAL RESPONSES OF THE LEAVES OF CADMIUM-EXPOSED Chamaesyce hirta (L.) Millsp.
Juliana Janet Martin Puzon University of the Philippines
Lance Jerome Fulgencio Alabarca University of the Philippines
Abigail Fiona De La Cruz Cruzada University of the Philippines
LSBE-1125
Characterization of Number of Crow and Qualitative Marker
Rusfidra Rusfidra Andalas University
Yoni Yumar Tumatra Andalas University
Muhammad Hafil Abbas Andalas University
Yan Herryandi Andalas University
Firda Arlina Andalas University

LSBE-1011
Developmental of Molecular Marker for Characterization of Superior Grand Orchid (Spathoglottis) Induced by Colchicine
Agus Setiawan Universitas Gadjah Mada

LSBE-806
Antibacterial Activity Againsts Escherichia Coli and Staphylococcus Aureus of Teak (Tectona Grandis) Leaves Crude Extract Using Microwave-Assisted Extraction
Joni Kusnadi Brawijaya University
Andi Dwi Setyawan Brawijaya University
Oral Sessions Agenda

Linguistics I

Suehiro 08:45~10:15 Friday, November 8

Session Chair: Prof. Sunhee Yae

ISLLLE-95
Online Translation of Proverbs between Availability and Accuracy
Sami Abdullah Hamdi  Jazan University
Kazuhiro Nakae  Kansai Gaidai University
Mohamed Okasha  Jazan University

ISLLLE-204
Learner Generated Noticing of Written and Aural L2 Input
Bimali Indrarathne  Lancaster University

ISLLLE-307
A Study of the Interaction between Modality and Syntax in 'Fear'-derived Complex Constructions in English
Sunhee Yae  Chung-Ang University

ISLLLE-316
Direct or Indirect? Critical or Uncritical? Evaluation in Chinese English-major MA Students’ Thesis literature Reviews
Jianping Xie  The Chinese University of Hong Kong

ISLLLE-72
Flouting of Gricean Maxims of Quality and Relevance in The Speeches of Iago in Othello
Syed Sikander Ali  Lahore Garrison University
Oral Sessions Agenda

Business II

Koubai  08:45~10:15  Friday, November 8

Session Chair: Prof. Chomphak Jantakat

ISBSS-1393
The Quality of Work Life and The Work Efficiency of Lecturer in Higher Education Institutes, Nakornratchasima, Thailand
Chomphak Jantakat  Vongchavalitkul University

ISBSS-1394
Behavior and Decision for Tourism of Thailand based on population of Muang district, Nakhonratchasima
Ajcharapan Tangjaturasopon  Vongchavalitkul University

ISBSS-1395
The Existing Skills and the Requirements for Training the Public Sector Officers towards ASEAN Economic Community
Parrichat Faenphimai  Vongchavalitkul University

ISBSS-1396
Focal projects of private and public sectors’ collaboration in Nakhon Ratchasima province, Thailand in preparation for the ASEAN economic community
Nalinthip Ngoensoongnoen  Vongchavalitkul University

ISBSS-2073
Auditor Rotation in An International under Sarbanes-Oxley Act of 2002 : A critical review of the literature
Thamonwan Pomsanam  Vongchavalitkul University

ISBSS-1390
Islamic Perspective of Human Talent Identification: Evidence from Malaysian Organizations
Idris Osman  Universiti Teknologi Mara
Oral Sessions Agenda

Environmental Science V

Hagoromo 08:45~10:15 Friday, November 8

Session Chair: Prof. Sudjit Karuchit

ACCMES-1043
Mobility and Sorption of Sewage Chemical Indicators into the Soil
Mahsa Foolad National University of Singapore
Ngoc Han Tran National University of Singapore
Jiangyong Hu National University of Singapore

ACCMES-1046
Investigation of Biodegradation of Polycyclic Aromatic Hydrocarbons (PAHs) in the Contaminated Soil by Using a Soil Microbial Fuel Cell (SMFC)
How Yong Ng National University of Singapore
Mohammad Sherafatmand National University of Singapore
Lefebvre Olivier Patrick National University of Singapore

ACCMES-1059
Heavy Metal Contamination in Soil, Roof Dust, and Dustfall in Nakhon Ratchasima, Thailand
Sudjit Karuchit Suranaree University of Technology
Titiphat Hirunkam Suranaree University of Technology

ICEAS-1809
Development Approaches of Emission Inventory in Thailand: Case Study in Nakhon Ratchasima Municipality
Sudjit Karuchit Suranaree University of Technology
Nares Chuersuwan Suranaree University of Technology
Sudjit Karuchit Suranaree University of Technology
ICEAS-1706

Microcosm Experiment for Evaluating Wastewater Treatment Efficiency Using Coconut-Fiber Biofilm Treatment System (COTS) with Synthetic Leachate

Nirmala Kumuduni  
Dharmarathne  
Saitama University

Naofumi Sato  
Saitama University, Kokusai Kogyo Co., Ltd

Ken Kawamoto  
Saitama University

Koide Takahiro  
Saitama University

Hiroyasu Satoh  
Tokyo University

Norio Tanaka  
Saitama University
Oral Sessions Agenda
Mechanical Engineering II

Nishiki 08:45~10:15 Friday, November 8

Session Chair: Prof. Xinli Ma

ICEAS-1819
Large-scale T-IDF Rebuilding Optimization
Xinli Ma Jiangsu Frontier Electric Power Technology Co., Ltd.

ICEAS-1873
Examining ABS/PC Gears Abrasion Behaviours
Rıfat Yakut Selcuk University
Hayrettin Düzçükoğlu Selcuk University

ICEAS-1881
Design of Punch-Type Swager for Exhaust Pipe Manufacture
Perawat Boonpuek Suranaree University of Technology
Teetut Dolwichai Suranaree University of Technology
Wanwanut Boongsood Suranaree University of Technology

ICEAS-1933
A Study of Plastic Collapse Behavior of Aluminum Cylindrical Thin-Walled Tubes under Axial Impact Load
Supakit Rooppakhun Suranaree University of Technology
Sarawut Bua-Ngam Suranaree University of Technology

ICEAS-1938
Design of Linkage Structures for Enhancement of the Transfemoral Prosthesis
Chul-Hee Lee Inha University
Jeong-Hyeon Bak Inha University
Kwang-Hee Lee Inha University
ICEAS-1813

Sensitivity Study on The Shell Side Heat Transfer Coefficient Variation With Longitudinal Pitch Variation In A Staggered Tube Bank

Ashraf Ali Alfandi  
University Of Science And Technology

Juhyeon YOON  
Korea Atomic Energy Research Institute

Young In Kim  
Korea Atomic Energy Research Institute

Hyungi YOON  
Korea Atomic Energy Research Institute

Namgyun Jeong  
Korea Atomic Energy Research Institute
Oral Sessions Agenda

Biological Engineering II

Takara 08:45~10:15 Friday, November 8

Session Chair: Prof. Fatchiyah Fatchiyah

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LSBE-993
Hospital Wastewater Characteristics in Malang City
Prayitno  Brawijaya University
Zaenal Kusuma  Brawijaya University
Bagyo Yanuwiadi  Brawijaya University
Rudy W Laksmono  UPN University

LSBE-1006
Mutation on Human Insulin Receptor Gene of Diabetes Melitus Type-2 Patient Reduced the Insulin Receptor Substrate-1 (IRS-1) Activation
Fatchiyah Fatchiyah  Brawijaya University
Nur Christian  Brawijaya University
Djoko Wahono Soeatmadj  Saeful Anwar Hospital

LSBE-1080
Selection of Solutions of Polynomials in Displacement Estimation for a four degrees of freedom capacitive force sensor
Chisato Murakami  Hokkaido University
Makoto Takahashi  Hokkaido University

LSBE-778
Generation of New Hybridoma UTM-Ha Secreting Monoclonal Antibody Specific to Acanthamoeba species Isolated from Corneal Infection.
Hala A.K. Rasheed  Universiti Technologi Malaysia
Fadzilah Adibah Abd Majid  Universiti Technologi Malaysia
Nakisah Mat Amin  Universiti Malaysia Terengganu
LSBE-1062
Biological Treatment of Water Containing Chlorobenzene by Ozonation and Anaerobic–Aerobic Digestion
Kimleang Khoeurn  
*University of the Philippines-Diliman*

LSBE-895
A Microfluidic Assessment of Seawater Intake System in the Context of Marine Life Protection
Partha Halder  
*RMIT University*
Muhammed Ali Bhuiyan  
*RMIT University*
Niranjali Jayasuriya  
*RMIT University*

LSBE-1136
Assessment of Musculoskeletal Risk Factors Associated With Manual Tasks in Retreaded Tires Factory Using ManTRA and RULA Methods
Lusi Susanti  
*Andalas University*
Hardiansyah Musfar  
*Andalas University*
Oral Sessions Agenda
Language II/ Linguistics II
Suehiro 10:30~12:00 Friday, November 8

Session Chair: Prof. Othman Ali Almeniei

ISLLLE-756
EFL Standards in Saudi Arabia: Improving Learning and Teaching
Othman Ali Almeniei  King Saud University

ISLLLE-785
Saudi EFL Students Intercultural Communication Competence and Apprehension
Abdulaziz Ibrahim S. Alnofal  Imam Muhammad Ibn Saud University

ISLLLE-778
On Contextualization of Insecurity and Uncertainty in the Funeral Sermon
Nganga Simon  Bayreuth University

ISLLLE-814
A Critical Analysis of English Language Learning Guidebooks (ELLGs) in Bangladesh
Shuvo Saha  East West University

ISLLLE-263
A Psycholinguistic Analysis of Stuttering Experienced by King George Viportrayed in The King’S Speech
Endang Setyowati  Universitas Gadjah Mada

ISLLLE-807
A Study of Pragmatic Failures in English Committed by Native Speakers of Punjabi
Batish Sama  Lovely Professional University
Oral Sessions Agenda

Culture/ Psychology/ Sociology

Koubai 10:30~12:00 Friday, November 8

Session Chair: Prof. Kam Yee Law

ISBSS-1366
Traditional Medicine Practices Among The Orang Asli in Malaysia: Batek Tribe Case at Kuala Koh, Kelantan
Ramle Abdullah Universiti Sultan Zainal Abidin
Ahmed Amran Universiti Sultan Zainal Abidin
Pei Lin Lua Universiti Sultan Zainal Abidin
Aryati Ahmad Universiti Sultan Zainal Abidin
Asmawi Ibrahim Universiti Sultan Zainal Abidin

ISBSS-2091
Creative Community: A Role of Campus- Community Partnerships in Culture- Led Urban Regeneration
Araya Santisan Kasetsart University

ISBSS-1408
Model Development for Health Promotion in Thai Elderly
Montakarn Chuemchit Chulalongkorn University
Nattawan Deelertyuenyong Chulalongkorn University
Jirapun Khiewkhum Cha-am Hospital, Phetchaburi
Kunpima Chueamchit Princess Chulabhorn's College Phetchaburi, Cha-am, Phetchaburi
Surasak Taneepanichskul Chulalongkorn University

ISBSS-1337
Policy formulation, social service NGOs and social integration of the South-Asian populations in Hong Kong
Kam Yee Law The Hong Kong Institute of Education
ISBSS-1379

Coastal Resources Utilization and Opinion in Effect of Resources Changing for Ecotourism on Lipe Island, Southern of Thailand

Chadarat Boonchan  Prince of Songkla University
Buncha Somboonsuke  Prince of Songkla University
Sayan Sdoodee Sdoodee  Prince of Songkla University
Parichart Visuthismajarn  Prince of Songkla University
Oral Sessions Agenda
Environmental Sciences VI/
Geosciences and Petroleum Engineering

Hagoromo 10:30~12:00 Friday, November 8

Session Chair: Prof. Hsing Yuan Yen

ACCMES-1067
Removing of Glycerin from Crude Biodiesel by ZnCl2-Activated Rice Husk Ash
Nisakorn Saengprachum  Chulalongkorn University
Somchai Pengprecha  Chulalongkorn University

ACCMES-1051
Modeling the Adsorption of Derivatives of Dioxin Compounds onto Activated Carbon: breakthrough Curves and Isotherm Parameters
Sond Bunsan  Chulalongkorn University
Nurak Grisdanurak  Thammasat University
Ho Wen Chen  Tunghai University

ACCMES-1065
Treating Electroplating Rinse Water for Reuse by the Process of Combining PAC Adsorption with H2O2/UV Oxidation
Hsing Yuan Yen  Kao Yuan University
Chen Pei Lin  Kao Yuan University

ICEAS-1752
Analysis on the Flow and Transport of Nonionic Polymeric Solutions through Reservoirs under Various Wettability Conditions
ByungIn Choi  Hanyang University
Kunsang Lee  Hanyang University
ICEAS-1753

Effect of Miscibility on the Productivity of CO2 Flooding in Heterogeneous Reservoirs

MoonSik Jeong  
JooSeon Park  
KunSang Lee  

Hanyang University
Oral Sessions Agenda

Mechanical Engineering III

Nishiki 10:30~12:00 Friday, November 8

Session Chair: Prof. Cheng-Hung Huang

ICEAS-1600
Effects of Bioethanol-Diesel Fuel Blends Containing Beraid ED10 Additive on Engine Emissions
Hasan Aydogan Selcuk University
Mustafa Acaroglu Selcuk University
Abdullah Engin Ozcelik Selcuk University

ICEAS-1678
An Impingement Heat Sink Module Design Problem to Determine Optimal Non-Uniform Fin Heights and Widths
Cheng-Hung Huang National Cheng Kung University

ICEAS-1721
Sandwich Structures with Internal Resonators on Elastic Foundation under Moving Loads
Jung-San Chen National Cheng Kung University
Song-Mao Tsai National Cheng Kung University

ICEAS-1757
Optimizing Circular Parameters using Taguchi Method with Parameter-Range Reduction Algorithm for CNC Machine Tools
Syh-Shiuh Yeh National Taipei University of Technology
Wei-Jen Chen Yeong Chin Machinery Industries Co., Ltd.
Mao-Pin Wu Yeong Chin Machinery Industries Co., Ltd.
Chi-Hsiang Wang National Taipei University of Technology
ICEAS-1780

PI Controller plus Adaptive Fuzzy Logic Compensator for Torque Controlled System of DC Motor

Jiraphon Srisertpol  Suranaree University of Technology
Nitisak Numanoy  Suranaree University of Technology
Chalermporn Pewmaikom  Suranaree University of Technology

ICEAS-1797

Design and Simulation of An Autonomous Dual-Axis Sun Tracking System

Amjad Alsakarneh  Al-Zaytoonah University of Jordan
Tagreed Aljarrah  The University of Jordan
Taha Tabaza  Al-Zaytoonah University of Jordan
Oral Sessions Agenda

Life Sciences VI

Takara  10:30~12:00  Friday, November 8

Session Chair: Prof. Chong Kim Wong

LSBE-650
Electric Field-Enhanced One-Step Visual Detection of PCR Products on A Membrane-Based Lateral Flow
Jui-Chuang Wu  Chung Yuan Christian University
Chih-Hung Chen  Chung Yuan Christian University
Huang-Chin Yang  Chung Yuan Christian University

LSBE-662
A Report of Freshwater sponge (Porifera: Spongillidae) Ephydatia meyeni (Carter) from RamlingNear Hatkanangale, Dist- Kolhapur, Maharashtra, India.
Suresh Babasaheb Nikalje  Sangli.Shivaji University
Deepak Vishwanath Muley  Shivaji University

LSBE-664
Zooplankton of water objekts of Caucasus Mountain, (Abkchazia)
Olga Yurjevna Derevenskaia  Kazan Federal University
Nafisa Mansurovna Mingazova  Kazan Federal University

LSBE-680
Seasonal and spatial variations in phytoplankton size structure and taxonomic composition in Tolo Harbour, Hong Kong
Chong Kim Wong  The Chinese University of Hong Kong
Charles Chi Hung Tang  The Chinese University of Hong Kong
LSBE-1039
Growth Differentiation Factor-9 (GDF-9) and Bone Morphogenetic Protein Receptor-2 (BMPR-2) Expression in Bovine Granulosa Cells (GCs) during follicular development
Sri Rahayu  Brawijaya University
Tomas J. Acosta  Okayama University
Shin Yoshioka  Okayama University
Tokuyama Sota  Okayama University
Kiyoshi Okuda  Okayama University

LSBE-570
Effect of Natural and Artificial Light on Human Health
Pushkala Arumugam Pillai  University of Madras
Purushottam Das Gupta  Manipal University

LSBE-813
Effect of Capsaicin on Thermally induced Lipid Bilayers
Neha Sharma  Japan Advanced Institute of Science and Technology
Tsuyoshi Yoda  Japan Advanced Institute of Science and Technology
Naofumi Shimokawa  Japan Advanced Institute of Science and Technology
Masahiro Takagi  Japan Advanced Institute of Science and Technology
Oral Sessions Agenda

Literature I

Suehiro 13:00~14:30 Friday, November 8

Session Chair: Prof. Sujata Chaturvedi

ISLLLE-148
The Effect of Repetition in Dancing Vanity (2008) by Yasutaka Tsutsui: Dream Representations after Dreamtree Hill Junction and Paprika
Yuji Obataya  Geneva University

ISLLLE-188
Translating the Other on More Equitable Terms - Striving to Transform Sino-British Relations in Timothy Mos An Insular Possession
Rita Olivia Kelly  The University of Hong Kong

ISLLLE-251
The Novels in the Early 21st Century in the Philippines: Acknowledging the Sensibility of Popular Culture in the Works of Japanese Novelist Haruki Murakami by the Young Blood Filipino Novelists
Romeo Palustre Peña  University of the Philippines
Vidal Sosito Mendoza, Jr.  New Era University

ISLLLE-780
Evoking Environmental Consciousness through Hindi Literature
Sujata Chaturvedi  Christ Church College, Kanpur

ISLLLE-838
"Making no attempt to be understood": Failed Communication in Miss Lonelyhearts
Wayne E. Arnold  Kansai Gaidai University

ISLLLE-176
Comparing Voices of the Marginalized Groups in American and Australian Poetry
Eni Purwanti  Gadjah Mada University
ISLLLE-818

The Grotesque in the Bullring—Transgression and Scatology in Georges Bataille’s Story of the Eye

Sunny Hui-Chen Chen National Taiwan Normal University
Oral Sessions Agenda

Management II

Suehiro 13:00~14:30 Friday, November 8

Session Chair: Dr. Wichuda Kunnu

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ISBSS-1343
An Age of Crisis in the Non-profit Sector: Facilitating Human Capital and HRM Strategies and Practices for Innovation
Eric Kong  University of Southern Queensland

ISBSS-2094
Awareness on Green Solid Waste Management through 3Rs Based Approach
Nurhafizatul Haswani Binti Mohd Razak  Universiti Teknologi Malaysia
Khadijah Bt Hussin  Universiti Teknologi Malaysia

ISBSS-2095
The Automatic Classification of Thai news by Similarity Method
Wichuda Kunnu  Suan Sunandha Rajabhat University
Nuttapat Kaewrattanapat  Suan Sunandha Rajabhat University

ISBSS-1411
Exploring the Effects of Transactional and Transformational Leadership on Cyberloafing at Work
Ahmad Said Al-Shuaibi  Universiti Utara Malaysia
Faridahwati Mohd. Shamsudin  Sultan Qaboos University
Chandrakantan Subramaniam  Universiti Utara Malaysia

ISBSS-1345
Sustainable Consumption in the FMCG Industry – a Qualitative Study
Frances M Woodside  University of Southern Queensland
Oral Sessions Agenda
Material Sciences and Engineering II
Hagoromo 13:00~14:30 Friday, November 8

Session Chair: Prof. Hongzhi Cui

ACCMES-471
Phase Change Energy Storage Concrete Preparation and Its Mechanical Properties
Xian Shi  Shenzhen University
Yongmin Ye  Shenzhen University
Hongzhi Cui  Shenzhen University

ACCMES-472
The Effect of the Vibratory Stress Relief Technique on the Texture in AA 6061 Aluminum Alloy
Jia-Siang Wang  National Chung Hsing University
Chih-Chun Hsieh  National Chung Hsing University
Weite Wu  National Chung Hsing University

ACCMES-1054
Synthesis of Microparticles Embedded with Carbon Nanotubes via Floating Catalyst Chemical Vapor Deposition and Their Environmental Application
Sarttrawut Tulaphol  Thammasat University
Nurak Grisdanurak  Thammasat University
Ekkachai Kanchanatip  Chulalongkorn University
Den Walter  Tunghai University

ACCMES-1044
Luminescence Study of Rare Earth Doped Cerium Fluoride-CeF3 Nanophosphors
Mayuri Nalinkumar Gandhi  Indian Institute of Technology
ACCMES-1024
Effect of Heat Treatment on Microstructure and Hardness Changes of 6xxx Aluminum Alloy
Masoud Ibrahim Mohamed  
Northern Border University
Talal Mohamed Nour Abo Mansour  
Northern Border University
Jawdat Abd Allah Aljarah  
Northern Border University

ACCMES-464
Electrospun Poly(isobutyl methacrylate) Fiber Mats as Carriers for Tannic Acid
Patcharaporn Thitiwongsawet  
Thammasat University
Pawarun Thanasriswad  
Thammasat University
Songporn Silamankong  
Thammasat University
# Oral Sessions Agenda

**Computer and Information Sciences IV**

Nishiki | 13:00~14:30 | Friday, November 8

**Session Chair:** *Prof. Hong-Yi Chang*

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**ICEAS-1803**

A Multiple Coordinators Reservation Protocol for Parking Spaces in Vehicular Networks

- Hong-Yi Chang, *National Chiayi University*
- Hao-Wen Lin, *National Chiayi University*
- Zih-Huan Hong, *National Chiayi University*
- Tu-Liang Lin, *National Chiayi University*
- Yuan-Wei Lin, *Industrial Technology Research Institute*

**ICEAS-1829**

Medoid-based Incremental Clustering for Large Data Streams with MapReduce

- Han-joon Kim, *University of Seoul*
- Man Xuan, *University of Seoul*

**ICEAS-1905**

Knowledge Acquisition from Cross Level in Using Fuzzy Rough Sets

- Wei-Hsuan Lee, *Yuan Ze University*
- Meng-Ying Chou, *Yuan Ze University*

**ICEAS-1932**

A Density-based Approach for Discovering User Similarity from GPS Trajectories

- Tu-Liang Lin, *National Chiayi University*
- Xian-Qun Zeng, *National Chiayi University*
- Hong-Yi Chang, *National Chiayi University*
ICEAS-1822

A Multi-Dimension Cloud Resource Allocation Algorithm Based on a Pre-Classification Catalog

Hong-Yi Chang  National Chiayi University
Cheng-Kai Huang  National Chiayi University
Jen-Yi Pan  National Chung Cheng University
Zih-Huan Hong  National Chiayi University
Hao-Wen Lin  National Chiayi University
Oral Sessions Agenda

Biomedical Engineering II

Takara 13:00~14:30 Friday, November 8

Session Chair: Prof. Mohd Zobir Hussein

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ICEAS-1773
Developing Multi Material Extruder System for Bioprinting Application
Yudan Whulanza Universitas Indonesia
Jos Istiyanto Universitas Indonesia
Taufiq Ramadhan Universitas Indonesia
Rendria Arsysan Universitas Indonesia

ICEAS-1820
Effect of Light Therapy on an in vitro Alzheimer’s Disease Model
Kunthika Mokdara King Mongkut’s University of Technology, Thonburi
Chaiyong Koaykul King Mongkut’s University of Technology, Thonburi
Kwanchanok Viravaidya-Pasuwat King Mongkut’s University of Technology, Thonburi
Anak Khantachawana King Mongkut’s University of Technology, Thonburi

ICEAS-1911
In Vitro Controlled Release of an Anticancer Drug, Chlorogenic Acid using Magnesium/Aluminium Layered Double Hydroxide as Nanomatrix
Mohd Zobir Hussein Universiti Putra Malaysia
Farahnaz Barahuie Universiti Putra Malaysia
Zulkarnain Zainal Universiti Putra Malaysia
Palanisamy Arulselvan Universiti Putra Malaysia
Sharida Fakurazi Universiti Putra Malaysia

ICEAS-1913
Analyzing ECG segmentation and the rule of patterns by using Viterbi algorithm(HMMs)
Chaeyun Jung Hankuk Acedemy of Foreign studies
Taeseon Yoon Hankuk Academy of Foreign studies
ICEAS-1831

Design of a new algorithm to extract retinal blood vessels using combining mathematical morphology and histogram maximum and minimum points

Roya Aramesh  
Qazvin Islamic Azad University

Karim Faez  
Amirkabir University of Technology
Oral Sessions Agenda

Education II/ Literature II

Suehiro 14:45~16:15 Friday, November 8

Session Chair: Prof. Showqi Ali Bahumaid

ISLLLE-289
Revisiting the Use of MCQs in Language Tests
Showqi Ali Bahumaid  University of Sharjah

ISLLLE-328
The educational and linguistic design decisions of a computer game that teaches slang – Slanguage
Amanda Muller  Flinders University

ISLLLE-783
Improving English Skills by Implementing SRL and CLIL Approaches for Early Adulthood in order to Achieve Higher Academic Record
Swany Chiakrawati  Darma Persada University

ISLLLE-846
Im a Teenager!
Fatma Said Al Khalifin  Ministry of Education

ISLLLE-795
Media: Pros and Cons
Jyoti Sharma  Lovely Professional University
Oral Sessions Agenda
Chemical Engineering II/
Fundamental and Applied Sciences II

Koubai 14:45~16:15 Friday, November 8

Session Chair: Prof. Heru Setyawan

ICEAS-1744
Preparation of Mesoporous Silicas from Bagasse Ash Using Polyethylene Glycol Templating
Heru Setyawan Sepuluh Nopember Institute of Technology
Nanik Astuti Rahman Sepuluh Nopember Institute of Technology
Ika Widhiana Sepuluh Nopember Institute of Technology
Sri Rachmania Juliastuti Sepuluh Nopember Institute of Technology
Samsudin Affandi Sepuluh Nopember Institute of Technology

ICEAS-1785
Photoelectrochemical Properties for Cu-Zn-Sn-Se Thin Films Prepared Using Selenization of Electrodeposited Cu-Zn-Sn Metal Precursors
Lin-Ya Yeh Chang Gung University
Kong-Wei Cheng Chang Gung University

ICEAS-1799
Optimal Design Based ANN with Input Variable Selection for Pale Crepe Rubber Processing
Chalisa Pourneaw Prince of Songkla University
Pornsiri Kaewpradit Prince of Songkla University
Wachira Daosud Burapha University

ICEAS-1766
Impulsive Vaccination of SPARS Model with Time Delays
Rinrada Thamchai Curtin University
Yong Hong Wu Curtin University
ICEAS-1770

The Association between Aquatic Plants and Freshwater Fish Populations with Special Reference to Perak River, Malaysia

Muzzalifah Abd Hamid  
Universiti Sains Malaysia

Mashhor Mansor  
Universiti Sains Malaysia

ICEAS-1771

The Effect of Utilizing Organic Fertilizers (Combination of Vermicompost with Humic Acid) Versus Chemical Fertilizers on the Growth of Brassica alboglabra L. H. Bailey

Siti Norasikin Ismail  
Universiti Sains Malaysia

Mashhor Mansor  
Universiti Sains Malaysia

Hasnah Md. Jais  
Universiti Sains Malaysia
Oral Sessions Agenda

Electrical and Electronic Engineering II

Hagoromo 14:45~16:15 Friday, November 8

Session Chair: Prof. C.J. Tay

ICEAS-1777
PI Controller Design for Temperature Control System via the Lambert W Function
Terdsak Intachot Valaya Alongkorn Rajabhat University

ICEAS-1786
Analysis and Design of a Single-Phase Unipolar Inverter Using Fuzzy-Based Complex Sliding Manifold Control
En-Chih Chang I-Shou University
Yow-Chyi Liu Kao Yuan University
Masahito Jinno I-Shou University

ICEAS-1800
Design of Wideband Quasi-Triangle Comb Shaped Element Bowtie Antenna for Biomedical Monitoring Applications
Chumpon Patummakasorn Valaya Alongkorn Rajabhat University

ICEAS-1835
MISO Current-mode Biquad Filter with Independent Control of Pole Frequency and Quality Factor
Koson Pitaksuttayaprot Phetchabun Rajabhat University
Kritphon Phanrattanachai Phetchabun Rajabhat University
Winai Jaikla King Mongkut’s Institute of Technology Ladkrabang

ICEAS-1886
Development of a Renewable Energy Micro Device
C.J. Tay National University of Singapore
C. Quan National University of Singapore
C Lee National University of Singapore
H. Liu National University of Singapore
ICEAS-1639
Optimum Loadability Improvement of Weak Buses using Shunt Capacitors to Enhance Voltage Stability Margin
Mir Sayed Shah Danish  The University of the Ryukyus
Atsushi Yona  The University of the Ryukyus
Tomonobu Senju  The University of the Ryukyus
Oral Sessions Agenda

Computer and Information Sciences V

Nishiki 14:45~16:15 Friday, November 8

Session Chair: Prof. Sutheera Puntheeranurak

ICEAS-1934
A Novel IPTV Channel-Recommendation Mechanism
Hong-Yi Chang National Chiayi University
Chih-Chun Lai National Chiayi University
Zih-Huan Hong National Chiayi University
Tu-Liang Lin National Chiayi University
Yuan-Wei Lin Industrial Technology Research Institute

ICEAS-1930
Combing Main Path Analysis, Citation Analysis and Text Mining Techniques to Trace the Conceptual Development Trajectory of a Research Field
Yi-Ning Tu Fu Jen Catholic University
Shu-Lan Hsu Fu Jen Catholic University

ICEAS-1945
The Enhanced Trust-based Filtering Recommender System with Review Helpfulness Weighting
Sutheera Puntheeranurak King Mongkuts Institute of Technology Ladkrabang
Thanaphan Wongkamalasai King Mongkuts Institute of Technology Ladkrabang

ICEAS-1950
Quality of Service (QoS) for Streaming Service on OpenFlow Network
Sutheera Puntheeranurak King Mongkuts Institute of Technology Ladkrabang
Nipith Sa-ngarmangkang King Mongkuts Institute of Technology Ladkrabang
ICEAS-1772

Identification for the Critical Function of Order Management System

Chao-Chen Hsieh  
Fortune Institute of Technology

Jun-Zhi Chiu  
Kao Fong College of Digital Contents
Oral Sessions Agenda

Life Sciences VII

Takara 15:15~16:45 Friday, November 8

Session Chair: Prof. Ibrahim Faijulla Pailwan

LSBE-869
Media entrapment of Immobilize-Nitrifying bacteria for effective use in shrimp pond (Tambak) culture

Anik Martinah Hariati University of Brawijaya
Ating Yuniarti University of Brawijaya
Dewa Gede Raka Wiadnya University of Brawijaya
Aulanniam Aulanniam University of Brawijaya

LSBE-878
Physiological Evaluation of Mercury Exposure in Capsicum Frutescens L.

Juliana Janet Martin Puzon University of the Philippines
Frances Riel Baniqued University of the Philippines
Elinzano University of the Philippines
William Patrick Buhian University of the Philippines

LSBE-893
Characterization of the metabolic network of Chlamydomonas reinhardtii and algae isolated from the United Arab Emirates

David R Nelson New York University
L. Ghamsari New York University
P. Ng Cornell University
H. Cai New York University
A. Jaiswal New York University
X. Yang Dana-Farber Cancer Institute and Harvard Medical School
J.A. Papin University of Virginia
H. Yu Cornell University
S. Balaji MRC Laboratory of Molecular Biolog
K. Salehi-Ashtiani New York University
LSBE-1024
Fish species diversity its population dynamics and percent compositon in the commercial catches of fresh water habitats of Wai region (M.S.) India
Ibrahim Fajulla Pailwan  
Kisan Veer Mahavidyalaya
Deepak Vshwanath Muley  
Shivaji University

LSBE-1133
Enrichment, isolation and characterization of a methanotrophic bacterium from rumen
Tien-en Wei  
Thunghai University
Chi-Yu Huang  
Thunghai University
Neng-Wen Lo  
Thunghai University
Pai-Chun Hsiao  
Thunghai University

LSBE-752
The Effect of KMnO4 and Active Carbon in Delaying Banana Ripening Stored in Bamboo Container
Rizkita Rachmi Esyanti  
Institute Technology Bandung
Fenny Martha Dwivany  
Institute Technology Bandung
Aksarani Sa Pratiwi  
Institute Technology Bandung
Dina Dina Hermawati  
Institute Technology Bandung

LSBE-1022
Isolation and Screening Indigenous Polystyrene Fungi Capable of Showing Potential in Degrading Styrofoam
Mutiara Pramudya Ningtyas  
University of Padjadjaran
Siti Nikmatin  
Bogor Agricultural University
Asri Peni Wulandari  
University of Padjadjaran
Oral Sessions Agenda

Education III

Suehiro 16:30~18:00 Friday, November 8

Session Chair: Prof. Terry Royce

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ISLLE-013
Exploration into Reflective Teaching Practices of College Teachers in Indonesia
Umi Tursini The University of New South Wales

ISLLE-102
Research Literacies for Researchers: Conceptualising the Literature Review
Terry Royce University of Technology, Sydney

ISLLE-168
Teaching Expressive Writing To Students With Learning Disabilities: An Overview Of Russell Baker And Edwards Researched Based Approach
Alheri Franklin Chindaya Federal College of Education, Kano

ISLLE-131
Argonauts of the Gentrified Working Class: Reconsidering Transnational Elite Class Theory in Light of Global Ethnographic Research in British Grammar Schools in Barbados
Cameron McCarthy University of Illinois

ISBSS-2121
National Thailand Research University Ranking with h-index
Thanakorn Uiphanit Suan Sunandha Rajabhat University
Jarumon Nookong Suan Sunandha Rajabhat University
Aekkaphob Intraphoo Suan Sunandha Rajabhat University

ISBSS-1382
Integrating Indonesian Indigenous Cultures Into English Language Teaching (Elt) To Promote Cultural Appreciation
Sry Mulya Kurniati University of Indo Global Mandiri
Oral Sessions Agenda

Chemical Engineering III/
Material Sciences and Engineering III

Koubai 16:30-18:00 Friday, November 8

Session Chair: Prof. Karnika Ratanapongleka

ICEAS-1596
Removal of Phenol from Water by Crude Laccase-Immobilized Membrane
Karnika Ratanapongleka Ubon Ratchathani University

ICEAS-1727
Heat Capacity and Electrical Conductivity of Aqueous Mixtures of N-Methyldiethanolamine (MDEA) and Ionic Liquids
Ahmad Shamiri University of Malaya
Siti Norsamira Muhammad University of Malaya
Burhanuddin
Rozita Yusoff University of Malaya
Mohamed Kheireddine Arou University of Malaya
Roya Aramesh Qazvin Islamic Azad University

ICEAS-1799
Optimal design based ANN with input variable selection for pale crepe rubber processing
Chalisa Pourneaw Prince of Songklal university
Pornsiri Kaewpradit Prince of Songklal university
Wachira Daosud Burapha University

ICEAS-1854
Calcium Lactate Coated Electrospun Nylon-6 Fibers and Its Biomedical Applications
H. R. Pant Tribhuvan University/ Chonbuk National University
C. H. Park Chonbuk National University
M. K. Joshi Chonbuk National University
C. S. Kim Chonbuk National University
ICEAS-1740
The Effect of Ba Substitution to The Density of La1-xBaxCo0.8Fe0.2O3 Oxygen Ion Conducting Membrane
Hamzah Fansuri  
Institut Teknologi Sepuluh Nopember
Vivi Zulaicha  
Institut Teknologi Sepuluh Nopember
Nurul Widiastuti  
Institut Teknologi Sepuluh Nopember

ACCMES-1069
A 3-D Hierarchical Structure Based on Carbon-Nanomaterials for Charge Storage
Derrick Fam  
Nanyang Technological University
Alfred Tok  
Nanyang Technological University
Sue Azoubel  
The Hebrew University of Jerusalem
Daniel Mandler  
The Hebrew University of Jerusalem
Shlomo Magdassi  
The Hebrew University of Jerusalem
Oral Sessions Agenda

Civil Engineering II

Hagoromo 16:30-18:00 Friday, November 8

Session Chair: Prof. Vankudothu Bhikshma

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ICEAS-1697
Seismic Vulnerability Assessment of Concrete Pile Foundation
Mohammad Mohinuddin Ahmed
Md. Jahangir Alam
Ing Uwe.E Dorka

Chittagong University of Engineering & Technology

ICEAS-1837
Effect of Gravel Size and Content on Functional Properties of Pervious Concrete
Mongkhon Narmluk

King Mongkuts University of Technology Thonburi

ICEAS-1928
Strength Characteristics of Fly Ash Based Geopolymer Concrete with Addition of Ggbs
Vankudothu Bhikshma
Talapala Naveenkumar

Osmania University

ICEAS-1707
Influence of Fly Ash on Self-healing Performance in Cracked Concrete
Mohamed Zakaria
Na Seung Hyun
Yukio Hama

Muroran Institute of Technology/ Aswan University
Muroran Institute of Technology
Muroran Institute of Technology
ACCMES-1035

Modal Analysis of a Shaking Table Reaction Mass with Soil Interaction

Nouredine Bourahla  
University Saad Dahlab
Salah-eddine Djellab  
University of Science and Technology HB Algeria
Salim Tafraout  
Socité de Construction et d'Engineering SCTE Algeria
Hakim Bechtoula  
National Centre of Earthquake Engineering CGS Algeria

ACCMES-475

Effect of sand on strength characteristics of expansive soil for using as Subgrade of pavement

Tapash Kumar Roy  
Bengal Engineering and Science University
Oral Sessions Agenda

Civil Engineering III

Nishiki 16:30-18:00 Friday, November 8

Session Chair: Prof. Wang Yu-Min

ICEAS-1942
Using UAV for Embankment Pavement Nondestructive Test
Chin-Ping Lin National Pingtung University of Science and Technology
Yu-Min Wang National Pingtung University of Science and Technology
Kui-Ting Chang National Pingtung University of Science and Technology
Tung-Chih Chung National Pingtung University of Science and Technology
Chou-Fu Liang National Pingtung University of Science and Technology

ICEAS-1946
Improvement of alternate wetting/drying in irrigated lowland rice field in Tropical Climate conditions
Aime Severin Kima National Pingtung University of Science and Technology
Wen Guey Chung National Pingtung University of Science and Technology
Wang Yu-Min National Pingtung University of Science and Technology

ICEAS-1991
The Outcome of Erosion Control Practices on Sediment Yields of Shang-Ping River Watershed in Taiwan
Chin Ping Lin National Pingtung University of Science and Technology
Jih Jang Huang National Pingtung University of Science and Technology
Teng-Pao Chiu National Pingtung University of Science and Technology
Yu-Min Wang National Pingtung University of Science and Technology
Chou-Fu Liang National Pingtung University of Science and Technology
Poster Session Agenda  
Life Sciences I  
Ougi 09:00-10:00 Thursday, November 7

LSBE-596  
A Fraction of Rubus idaeus Extracts Inhibits Invasion and Migration Potential of Human A549 Lung Cancer Cells by Suppression Epithelial-to-Mesenchymal Transition and Akt Pathway  
Pei-Ni Chen  
Chung Shan Medical University

LSBE -597  
Hinokitiol Inhibits Cancer Invasion via Down-regulation of Proteinase and Rho Family Expression in Human Cervical Cancer Cells in Vivo and in Vitro  
Meng-hsuan Lin  
Chung Shan Medical University  
Pei-Ni Chen  
Chung Shan Medical University

LSBE -598  
Koelreuteria formosana extract Inhibits the Invasion and Migration of Renal Carcinoma 786-O-SI3 Cells In Vitro and In Vivo  
Chin-Yin Lin  
Chung Shan Medical University  
Pei-Ni Chen  
Chung Shan Medical University  
Yih-Shou Hsieh  
Chung Shan Medical University

LSBE -642  
MTHFR 677 C>T Polymorphism and Expression of the Angiogenesis Factors in Psoriasis Vulgaris.  
Siaw Cheok Liew  
International Medical University  
Esha Das Gupta  
International Medical University  
Srikumar Chakravarthi  
International Medical University  
Shew Fung Wong  
International Medical University  
Nagarajah Lee  
Open University Malaysia
LSBE -649

Co-contamination between Salmonella and Campylobacter on Chicken and Chicken Associated Samples at the Slaughterhouse in Khon Kaen, Northeastern Thailand

Bongkot - Noppon  
Seri - Khaeng-air  
Prapansak - Chaveerach  
Pimsuree - Ussawingowit  
Apiradee - Sopa  

Khon Kaen University  
Khon Kaen University  
Khon Kaen University  
Khon Kaen University  
Khon Kaen University

LSBE -651

Identification of 16 flower development related MADS genes of Bambusa edulis

Choun-Sea Lin  

Academia Sinica

LSBE -666

Functional properties of cassava starch microsphere prepared by the emulsion crosslink technique

Santhanee Puncha-arnon  
Wittawat Jiranantakul  
Dudsadee Uttapap  

King Mongkut’s University of Technology Thonburi  
King Mongkut’s University of Technology Thonburi  
King Mongkut’s University of Technology Thonburi

LSBE -676

Contents of Ascorbic acid and Citric acid in Sports Drinks

Yong-Duk Park  
Jong-Hwa Jang  
Kyung-Suk Hwang  
Jong-Oh Kang  
Su-Min Yoo  

Kyung Hee University  
Hanseo University  
Shinheung University  
Shinheung University  
Kyung Dong University

LSBE -677

Simultaneous Quantitative Analysis of Bioactive Constituents in Herbal Remedies using Amperometric Detection

Jung-Eun Park  
Ha-Jeong Kwon  
Kyung-Suk Hwang  
Su-Min Yoo  
Jong-Hwa Jang  

Kyung Hee University  
Kyung Hee University  
Shinheung University  
Kyung Dong University  
Hanseo University
LSBE-689
Tyramine detection using PEDOT:PSS/AuNP/1-methyl-4-mercaptothymidine modified screen printed carbon electrode sensor and molecularly imprinted polymer solid phase extraction

Li-chen Wu
National Chi Nan University
Cheng-hung Hsieh
National Chi Nan University
Yen-Cheng Liao
National Chi Nan University
Hsin-i Chan
National Chi Nan University
Yu-hao Chang
National Chi Nan University

LSBE-690
Alterations in sulfur amino acid metabolism during an early phase of liver regeneration after partial hepatectomy

Young Suk Jung
Seoul National University
Sun Ju Kim
Seoul National University
Young Chul Kim
Seoul National University

LSBE-692
Degradation of rice straw by microbial consortia and its molecular analyses by PCR-DGGE

Khanh Quoc Hoang
Institute of Tropical Biology, Vietnam Academy of Science & Technology

LSBE -702
The effects of Lactobacillus plantarum TWK10 fermented soy milk on improvement of hypertension in spontaneously hypertensive rats

Shih-Yu Zeng
Fu Jen Catholic University
Tsung-Yu Tsai
Fu Jen Catholic University

LSBE -704
The inhibitory effect of soy milk fermented with lactic acid bacteria on melanogenesis in guinea pig

Te-Hua Liu
Fu Jen Catholic University
Ru-Yu Dai
Fu Jen Catholic University
Tsung-Yu Tsai
Fu Jen Catholic University
The iliac artery lengths in normal and abnormal aortoiliac arteries
Porntip Boonruangsri  Khon Kaen University
Bussakorn Suwannarong  Khon Kaen University
Somsiri Ratanaasuwan  Khon Kaen University
Kowit Chaisiwamongkol  Khon Kaen University
Wiphawi Hipkaeo  Khon Kaen University
Yanyong Toomsan  Khon Kaen University
Sitthichai Iamsaard  Khon Kaen University

The inhibitory effects of genistein on melanogenesis in B16-F0 mouse melanoma cells
Chia-Ren Chang  Fu Jen Catholic University
Tsung-Yu Tsai  Fu Jen Catholic University

Water Footprint of Sugarcane Cultivation in Mae Sot District, Tak Province, Thailand
Nattawut Sareein  Chiang Mai University
Chitchol Phalaraksh  Faculty of Science, Chiang Mai University
Munetsugu Kawashima  Chiang Mai University

Film Formation and Moisture Properties of Hydrogels Made by Blending NaCMC with Agar and Corn Starch
Watit Khokthong  Chiang Mai University
Paulo Josè do Amaral Sobral  University of São Paulo
Sutthathorn Chairuangsri  Chiang Mai University

Vascular Cell Adhesion Molecule-1 (VCAM-1) Protein Expression Profile in Biopsied Tissue of Metastatic Osteosarcoma Patient at Post-chemotherapy
Sharaniza Ab-Rahim  University Teknologi MARA
Zulaika Roslan  University Teknologi MARA
Effat Omar  University Teknologi MARA
Tunku Kamarul  University of Malaya
Azura Mansor  University of Malaya
LSBE-675

Postconditioning protects Neuronal cells Against Reperfusion Injury via the modulation of Mitochondrial Permeability Transition

Han-Chen Lin  National Taiwan University
I-Rue Lai  National Taiwan University
LSBE -1065

Antiviral Efficacy of a Synthesized Flavanoid-Derived Ligand on DENV2 Protease Gene Copies and Cytoskeleton Redistribution in Vitro

Mudiana Muhamad  
University Teknologi MARA

Khuzaidatul Azidah Ahmad Nazri  
University Teknologi MARA

Yean Kee Lee  
University of Malaya

Noorsaadah Abd Rahman  
University of Malaya

Rohana Yusof  
University of Malaya
ICEAS-1646
Size Effect of Silver Nanoparticle Melted into Titanium Oxide Film for Photocatalytic Activity
Jung-Jie Huang  MingDao University

ICEAS-1661
Suppression of AKT/NF-κB-associated signaling by deguelin inhibits cell migration and invasion on human non-small cell lung cancer NCI-H292 cells
Yung-Ting Hsiao  China Medical University
Jing-Gung Chung  China Medical University

ICEAS-1662
Quercetin promotes cell cycle arrest and induction of apoptosis in human oral cancer SAS cells through mitochondria/endoplasmic reticulum mediated signaling pathways
Chien-Ning Yao  China Medical University
Jing-Gung Chung  China Medical University

ICEAS-1663
Demethoxycurcumin induces DNA damage and inhibits DNA repair associated protein expressions in NCI-H460 human lung cancer cells
Yang-Ching Ko  China Medical University
Wu-Huei Hsu  China Medical University Hospital
Jing-Gung Chung  China Medical University

ICEAS-1664
Tetrandrine induced apoptosis in human nasopharyngeal carcinoma NPC-TW 076 cells through endoplasmic reticulum stress pathway
Ya Jing Lin  China Medical University
Jing Gung Chung  China Medical University
ICEAS-1665
Norcantharidin induced apoptosis and inhibited migration/invasion of human gastric cancer AGS cells
Li Cheng Zheng China Medical University
Jing-Gung Chung China Medical University

ICEAS-1666
DL-Sulforaphane induce cell cycle arrest and apoptosis in human colon cancer HT 29 and HCT 116 cell lines
Ting-Ying Shih China Medical University
Kuo-Ching Liu China Medical University
Jing-Gung Chung China Medical University

ICEAS-1667
Tetrandrine inhibits cell migration and invasion in Colon Cancer SW620 cells through the inhibition of MMP-1,-2,-9
Ta-Kuo Juan China Medical University
Jing-Gung Chung China Medical University

ICEAS-1686
Synthetic peptides with antibacterial activity against methicillin-resistant Staphylococcus aureus
Nuanchawee Wetprasit Ramkhamhaeng University
Janthima Jaresittikhunchai National Science and Technology Development Agency
Narumon Phaonakrop National Science and Technology Development Agency
Wirat Danglad Ramkhamhaeng University
Sittiruk Roytrakul National Science and Technology Development Agency
ICEAS-1741
Microscopic Analysis of Caragana Korshinskii Kom towards a High Efficient Protein Extraction Process
Cheng Zhong  Tianjin University of Science and Technology
Zhao Zhou  Tianjin University of Science and Technology
Zhuo Sun  Tianjin University of Science and Technology
Yu-Ming Zhang  Tianjin University of Science and Technology
Shi-Ru Jia  Tianjin University of Science and Technology

ICEAS-1783
Photoelectrochemical Application of Cu-Zn-Sn-S (CZTS) Semiconductor Thin Films Using the Sulfurization of Sputtering Method
Kong-Wei Cheng  Chang Gung University
Jian Hao Chen  Chang Gung University

ICEAS-1968
Effect of Proteins on Networks of Peroxide Cross-linked Natural Rubber Elucidated by 1H Double-quantum NMR
Adun Nimpaiboon  Mahidol University
Juan Lopez Valentin  Instituto de Ciencia y Tecnología de Polímeros
Jitladda Sakdapipanich  Mahidol University

ICEAS-1840
Thermal Pyrolysis of Cogongrass in a Twin Screw Reactor; Thermal Controlled, Product Yields and Chemical Coposition
Kittiphop Promdee  Chulalongkorn University

LSBE-775
Preparation and Characterization of Nano-oilbodies for EGFR Overexpression Tumor Cell Targeting
Chia-Pei Wu  China Medical University
Chung-Jen Chiang  China Medical University
Yun-Peng Chao  Feng Chia University
Poster Session Agenda

Education/ Language

Ougi 13:00-14:00 Thursday, November 7

ISLLLLE-174
The Impact of Introduction and Background of the Sport Lottery in Taiwan
Yu-Wei Lin  National Dong Hwa University

ISLLLLE-180
Factors Influencing the Career Development of Senior High School Athletes in Taiwan
Chun Chen Chan  National Taiwan Normal University
Su Ching Chen  National Taiwan Normal University
Yu Wei Lin  National Taiwan Normal University

ISLLLLE-772
The Study on Promoting Professionalization of Japanese Football
Tsung-Yao Liao  National Taiwan Normal University
Chien-Shing Lee  National Taiwan Normal University

ISLLLLE-10
The Effects of First Language Orthography on Second Language Reading: Evidence from Arabic Speakers Reading texts in English
Ibrahim Almaiman  Al Imam Mohammad Ibin Saud Islamic University
Poster Session Agenda

Management

Ougi 13:00-14:00 Thursday, November 7

ISBSS-1380
The Impact of Implementing Knowledge Management on Firm Performance
Feng-Jyh Lin  Feng Chia University
Yung-Lung Lai  Feng Chia University

ISBSS-1357
Does Short-Term Orientation Improve Sunk Cost Effect?
Kuo Chih Cheng  National Changhua University of Education
Chung Yuan Lin  National Changhua University of Education

ISBSS-1377
Evaluating Process Performance for Very Low Fraction Defectives
Hung-Chin Lin  Vanung University

ISBSS-1426
The Exploration of Innovation Behavior and Personality on R&D Engineer
Han-Jen Niu  Tamkang University
Poster Session Agenda

Business/ Finance

13:00-14:00 Thursday, November 7

Ougi

ISBSS-1364
Earnings Management in Family Firms and Family Conglomerates-Evidence from Taiwan
Mei-Ling Yang National Sun Yat-Sen University
Chun-Ming Chen National Sun Yat-sen University

ISBSS-1338
Celebrity Second-Hand Commodities in Online Auctions: The Effects of Celebrity Attractiveness, Contagion, Auction Motivations, and Commodity Types on Consumer Responses
Hsuan-Yi Chou National Sun Yat-sen University

ISBSS-1386
Portfolio Optimization with GA-based Fuzzy Mean-VaR Approach
Ping-Chen Lin National Kaohsiung University of Applied Sciences
Po-Chang Ko National Kaohsiung University of Applied Sciences
ICEAS-1668
Comparison of Two Interval Models for Fuzzy-valued Differential Evolution
Hidehiko Okada  
*Kyoto Sangyo University*

ICEAS-1676
Robust Design of Operating Window Experiments with Censored Data
Hsu-Hwa Chang  
*National Taipei College of Business*
Tse-Chieh Lin  
*Lunghua University of Science and Technology*
Jui-Yen Yen  
*National Taipei College of Business*

ICEAS-1692
A Time-Bound Key Management Scheme with Assured Deletion for Cloud Storage
Iuon-Chang Lin  
*Asia University*
Mu-Ting Lin  
*National Chung Hsing University*

ICEAS-1821
Design and Implementation of High Speed Banknotes Recognition System Based on DSP Architecture
Rong-Chin Lo  
*National Taipei University of Technology*
Chien-Hung Chen  
*National Taipei University of Technology*

ICEAS-1851
Benefit for a closed loop inventory system with price-sensitive return
Po-Chung Yang  
*St. John’s University*
X.C. Lai  
*St. John’s University*
ICEAS-1951
Functional Requirements for Psychological Factors on Evacuation Modeling and Simulation
Kayo Iizuka
Yasuki Iizuka

ICEAS-1961
Energy efficient Sink node Based MAC (SB-MAC) protocol for Wireless Sensor Networks
Seong Cheol Kim
Jun Heon Jeon
Poster Session Agenda
Electrical and Electronic Engineering
Ougi 15:00-16:00 Thursday, November 7

ICEAS-1656
Applying FMEA and QFD for improving packaging processes of Transistor
Hsiu-Wei Kuo  Feng Chia University
Abbas Al-Refaie  University of Jordan
Chao-Hsiung Yeh  Feng Chia University

ICEAS-1720
Development of a Non-intrusive Load Monitoring System as an Electricity Energy Audit Relevant to Energy-saving Issues
Yu-Hsiu Lin  National Taipei University of Technology
Men-Shen Tsai  National Taipei University of Technology
Chuang-Chou Liao  Chien Hsin University of Science and Technology

ICEAS-1817
Hybrid Intelligent Approaches for Fault Diagnosis of Rotating Machinery
Huo-Ching Sun  Cheng Shiu University
Yann-Chang Huang  Cheng Shiu University
Chien-Yuan Liu  Cheng Shiu University

ICEAS-1838
An Investigation of Wind and Solar Energy in Iran
Misagh Pashakhani  Islamic Azad University
Mahdi Sobhanipour  Islamic Azad University

ICEAS-1844
Non-Contact Detection Technique for Triaboelectricity Based on Electrostatic Induction
Koichi Kurita  Kinki University
ICEAS-1732
Design of a piezoelectric micro pump imitating stomach’s peristalsis depending on the phase difference
Yeongmin Na  
Hyunseok Lee  
Changwon National University

ICEAS-1936
The determination maximal workspace for planar five bar mechanism
Demei Lee  
Hsiang Hsu  
Chang Gung University
Poster Session Agenda
Material Sciences and Engineering
Ougi

15:00-16:00 Thursday, November 7

ACCMES-1084
Metallurgical Requirements for the Production of Heavy Section Ductile Irons With High Sub-zero Impact Property
Yung-Ning Pan National Taiwan University
Re-Mo Chang Metal Industries Research & Development Center
Hsuan-Te Lin National Taiwan University

ICEAS-1718
Interfacial Microstructure Characteristics of Sn-1Ni and SAC105 alloys using EIC Process in Photovoltaic Ribbon
Tsung Mao Chuang National Cheng Kung University
Fei Yi Hung National Cheng Kung University
Truan Sheng Lui National Cheng Kung University
Dai Wen Qiu National Cheng Kung University

ICEAS-1719
A Study in Zinc Oxide-Titanium-Silicon Structure Using an Electrical Induced Crystallization (EIC) Method
Yen-Ting Chen National Cheng Kung University
Fei-Yi Hung National Cheng Kung University
Truan-Sheng Lui National Cheng Kung University
Shooou-Jinn Chang National Cheng Kung University

ICEAS-1728
Preparation and Magnetoelectric Properties of Polymer-Based NiFe2O4 Composite for Efficient Wireless Power Transfer
Yi-Hao Pai National Dong Hwa University
Yu-Juin Chen National Dong Hwa University
ICEAS-1775

Visible emission related to Si and Ge quantum dots
Chih-cheng Kao  
Wei-Chin Wang  
*Southern Taiwan University of Science and Technology*

ICEAS-1903

Deodorization of Skim Natural Rubber by Macca Charcoal
Jitladda Sakdapipanich  
Phawasoot Rodgerd  
*Mahidol University*

ICEAS-1739

Preparation of LSCF 7382, BSCF 5582 and SCF 182 Asymmetric Membrane by Dry Pressing Method
Nurul Widiastuti  
Prestika Yustisi  
Hamidatul Kusniyah  
Wahyu Prasetyo Utomo  
Hamzah Fansuri  
*Institut Teknologi Sepuluh Nopember*

ICEAS-1729

A Novel Route for Synthesizing Multicomponent Oxide Compounds Ultrafine Particles in Supercritical Water System
Bo Li  
Lili Chen  
Xutang Tao  
*Shandong University*

ICEAS-1959

Synthesis of Gd Doped Fe3O4 Nanoparticles and Their Magnetic Properties
Yunbo Lv  
*National University of Singapore*
ICEAS-1582
Recovery of potassium chloride from sintering fume of ironmaking works
Bin Pei  
Guang Zhan  
Zhancheng Guo  
*University of Science and Technology, Beijing*

ICEAS-1683
A biomechanical study of cervical spinal motion and facet joint force as it relates to articulating surface designs and constrained types of total disc arthroplasty
Chien-Yu Lin  
Shih-Yeong Chuang  
Ching-Lung Tai  
Weng-Pin Chen  
*National Taipei University of Technology*  
*Tri-Service General Hospital*  
*Chang Gung University*  
*National Taipei University of Technology*

ICEAS-1687
An antibacterial of modified peptide; Brucin2, against Staphylococcus epidermidis and Streptococcus pyogenes
Thakorn Sornwatana  
Teerakul Arpornsuwan  
Sittiruk Roytrakul  
Nuanchawee Wetprasit  
Sunanta Ratanapo  
*Mahidol University*  
*Thammasat University*  
*National Science and Technology Development Agency*  
*Ramkhamhaeng University*  
*Kasetsart University*
ICEAS-1695

The Effect of Microstructures on the Bio-corrosion Behavior and Biocompatibility of Magnesium alloy

Da-Jun Lin
Fei-Yi Hung
Truan-Sheng Lui
Ming-Long Yeh

National Cheng Kung University

ICEAS-1712

Multimodal image-guided photothermal therapy enhance the delivery of nanomedicine for diagnosis and therapy of cancer

Cheng-Liang Peng
Ying-Hsia Shih
Pei-Chi Lee
Shin-Yu Lee
Cheng-Jung Yao
Ming-Jium Shieh

National Taiwan University

ICEAS-1716

A Novel Multifunctional Nanomedicine for Magnetic Resonance Imaging and Treatment of Cancer

Shin-Yu Lee
Chia-Ying Yang
Cheng-Liang Peng
Cheng-Jung Yao
Pei-Chi Lee
Ming-Jium Shieh

National Taiwan University

ICEAS-1730

Biomechanical comparison of different combinations of hook and screw in one spine motion unit- an experiment in porcine model

Ching-Lung Tai
Po-Liang Lai
Yi-Ting Chen

Chang Gung University
Chang Gung Memorial Hospital
Chang Gung University
ICEAS-1754
Fabrication and Characterization of Chitosan/Poly(vinyl alcohol) Composite Electrospun Nanofibrous Scaffold for Skin Substitute
Oraphan Chaisiri  
Mahidol University
Noppavan Chanunpanich  
King Mongkut's Institute of Technology North Bangkok
Borisut Sanmano Hanpanich  
Mahidol University
Krittayot Phawong  
Mahidol University
Siwaj Thirawongsak  
Mahidol University

ICEAS-1756
Dried plums Inhibited E. coli Heat-Labile Enterotoxin-Induced Diarrhea through Blocking the Toxin and GM1 Interaction
Jaw-Chyun Chen  
Da-Yeh University
Tin-Yun Ho  
Institute of Chinese Medical Science
Jiun-Long Yang  
China Medical University
Chien-Yun Hsiang  
China Medical University

ICEAS-1805
Study about C5L2; C5as receptor role with bioinformatics
Kyoungmin Kim  
Hankuk Academy of Foreign Studies
Heewon Lee  
Hankuk Academy of Foreign Studies
Bin Jang  
Hankuk Academy of Foreign Studies
Taeseon Yoon  
Hankuk Academy of Foreign Studies

ICEAS-1843
Determining Topology of Transmembrane Protein by Hydrophobicity-based LVQ and K-means
Yae Eun Hwang  
Hankuk Academy of Foreign Studies
Hee Jee Yun  
Hankuk Academy of Foreign Studies
Taeseon Yun  
Hankuk Academy of Foreign Studies
ICEAS-1883
The Analysis of H5N1 Amino Acid using Artificial Intelligence Neural Network
Dae Young Kim  
Jun Hyeok Bae  
Hye Jun Kim  
Tae Seon Yoon  
Hankuk Academy of Foreign Studies

ICEAS-1902
The effect of necrotic lesion size and orientation of femoral component on the stress distribution for hip resurfacing in femoral head osteonecrosis- a finite element simulation
Ching-Lung Tai  
Mu-Yi Liu  
Yung-Chou Chen  
Jui-Chien Sun  
Pang-Hsin Hsieh  
Chang Gung University

ICEAS-1909
DNA Sequence Pattern Algorithm using Rough Set Theory
Byeongjun Park  
Hyungkwon Ko  
Yusin Kim  
Taeseon Yoon  
Hankuk Academy of Foreign Studies

ICEAS-1916
Naphthalocyanine Dispersed Nanomedicine for Near-infrared Photodynamic Therapy
Wei Liu  
Shandong University
### Poster Session Agenda

#### Biological Engineering

**Ougi**  
**11:00-12:00**  
**Friday, November 8**

| LSBE-663 |  
| --- | --- |  
| **Biosensor Development based on a Class C Beta-lactamase** |  
| Sze Yan Liu | *State Key Laboratory of Chirosciences, The Hong Kong Polytechnic University* |

| LSBE-687 |  
| --- | --- |  
| **Monophasic Synthesis of Phospholipid-Capped Nanoparticles and Their Application in the Measurement of Phospholipase A2 Activity** |  
| Ja-an Annie Ho | *National Taiwan University*  
Si-Han Chen | *National Tsing Hua University*  
Yen-Pang Hsu | *National Taiwan University*  
Hsin-Yi Lu | *National Taiwan University* |

| LSBE-721 |  
| --- | --- |  
| **Industrial Production of Aldehydes from their Corresponding Alcohols by Biotransformation using Gluconobacter Mutant.** |  
| Kyoungju Kim | *Sejong University*  
Cindy Eunyoung Ryu | *Sejong University*  
Augustine Yonghwi Kim | *Sejong University* |

| LSBE-729 |  
| --- | --- |  
| **Formation of control-shaped silica crystals, using recombinant silicatein and cathepsin of marine sponge Latrunculia oparinae** |  
| Dmitry Kamenev | *Institute of Biology and Soil Science FEB RAS*  
Galina Veremeichik | *Institute of Biology and Soil Science FEB RAS*  
Svetlana Kovalchuk | *Pacific Institute of Bio-Organic Chemistry*  
Yuri Shkryl | *Institute of Biology and Soil Science FEB RAS*  
Tatiana Gorpenchenko | *Institute of Biology and Soil Science FEB RAS* |
LSBE-730

Changes in antioxidant enzymes activities during in vitro morphogenesis in rolC-transformed Panax ginseng cell cultures

Tatiana Viktortovna Avramenko  Institute of Biology and Soil Sciences
Yuri Nikolaevich Shkryl  Institute of Biology and Soil Sciences
Galina Nikolaevna Veremeichik  Institute of Biology and Soil Sciences
Viktor Pavlovich Bulgakov  Institute of Biology and Soil Sciences

LSBE-807

Three-dimensional β-TCP/PCL scaffold improves osteoblast differentiation in vitro.

Mi Eun Kim  Chosun University
Ju Hwa Yoon  Chosun University
Dong Hwan Kim  Chosun University
Jaekyeong Oh  Chosun University
Chi Joong Kim  Chosun University
Young Ung Park  Chosun University
Haeng-Nam Lee  Chosun University
Jun Sik Lee  Chosun University

LSBE-819

Development of protein-based and protein nanofibers-based biosensors for in vitro drug screening and bacterial beta-lactamase detection

Pak-Ho Chan  The Hong Kong Polytechnic University
Lan Zou  The Hong Kong Polytechnic University
Wing-Lam Cheong  The Hong Kong Polytechnic University
Yun-Chung Leung  The Hong Kong Polytechnic University

LSBE-848

Nanovoids embedded in FIB fabricated Au/Ag nanorods arrays as SERS-active substrate for the recognition of abnormal cells

Jiunn-Der Liao  National Cheng Kung University
Sivashanmugan Kundan  National Cheng Kung University
Chih-Kai Yao  National Cheng Kung University
Minh-Hien Ngo Thi  National Cheng Kung University
Pei-Lin Shao  National Cheng Kung University
LSBE-1000
In Vitro Seed Germination and Micropropagation of Taraxacum Kok-Saghyz Rodin
Kairat Uteulin  Institute of Plant Biology and Biotechology
Serik Mukhambetzhano  Institute of Plant Biology and Biotechology
Izbasar Rakhimbaev  Institute of Plant Biology and Biotechology

LSBE-1057
Wang Xiaochong  National University of Singapore
Zhao Jia  National University of Singapore
Soh Shu Fang  National University of Singapore
Gong Yinhan  National University of Singapore

LSBE-1015
Polybutylcyanoacrylate Nanoparticles for Delivering Hormone Response Element-Conjugated Neurotrophin-3 to the Brain of Intracerebral Hemorrhagic Rats
Yung-Chih Kuo  National Chung Cheng University

LSBE-1050
A convenient one pot synthesis of 2-Amino 4H-chromenes in the presence of CES catalyst: A Green approach.
Rajendra Vishwanath Shejwal  Shivaji University
S. D. Jadhav  Shivaji University
Suresh Patil  Shivaji University
LSBE-646

Size-dependent control of humoral immunity in mice through blimp1/pax5 pathway by gold nanoparticles

Wen-Liang Chen  National Chiao Tung University
Yu-Shiun Chen  National Chiao Tung University
Chia-Hui Lee  National Chiao Tung University
Shih-Han Syu  National Chiao Tung University
G. Steven Huang  National Chiao Tung University
Poster Session Agenda
Life Sciences II
Ougi  11:00-12:00  Friday, November 8

LSBE-769
Antipsychotic Drugs Modulate RhoA-mediated Protein Expression Changes of ARHGIDIA Signaling Pathway in C6 Glial Cells
Maoliang Chen
Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation.

LSBE-788
Novel Chitosan/PVP Hydrogel Loaded with Rhus Coriaria L (Sumac) Extract: Collaboration of Iranian Traditional Medicine and Novel Drug Delivery Systems in Wound Healing
Seyed Hossein Hajimiri  Tehran University of Medical Sciences
Mir Hamed Hajimiri  Tehran University of Medical Sciences
Mohammadamin Esfandyari  Tehran University of Medical Sciences
Ahmadreza Dehpour  Tehran University of Medical Sciences
Rassoul Dinarvand  Tehran University of Medical Sciences

LSBE-790
Genistein Inhibited the PMA-induced Mast Cell Activation through the Regulation of ERK Pathway
Dong Hwan Kim  Chosun University
Mi Eun Kim  Chosun University
Ju Hwa Yoon  Chosun University
Jae Kyeong Oh  Chosun University
Young Ung Park  Chosun University
Chi Joong Kim  Chosun University
Haeng-Nam Lee  Chosun University
Jun Sik Lee  Chosun University
LSBE-686

Role of Tunicamycin for Mechanism of Action and Cellular Localization of Multi-drug Resistance Proteins Especially for P-gp and BCRP

Karolina Wojtowicz  Poznań University of Medical Sciences
Radosław Januchowski  Poznań University of Medical Sciences
Michał Nowicki  Poznań University of Medical Sciences

LSBE-696

Molecular Changes in MIF Gene in Children with Idiopathic Nephrotic Syndrome

Monika Świerczewska  Poznań University of Medical Sciences
Danuta Ostalska-Nowicka  Poznań University of Medical Sciences
Bartosz Kempisty  Poznań University of Medical Sciences
Katarzyna Zaorska  Poznań University of Medical Sciences
Michał Nowicki  Poznań University of Medical Sciences
Poster Session Agenda
Fundamental and Applied Sciences

Ougi 11:00-12:00 Friday, November 8

ICEAS-1672
Solvation of RhB in some Solvents
Amit Sharma  Bharati Vidyapeeth's College of Engineering

ICEAS-1863
Effect of Extender on Preservation of Native Chicken “Luang hang kao” Spermatozoa
Thipsuda Boonmatan  Institute of Agricultural Technology Suranaree
                      University of Technology
Samorn Ponchunchoovong  Institute of Agricultural Technology Suranaree
                      University of Technology
Theerachai Chormai  Krabinburi Livestock Research and Development Center
Thevin Vongpralub  Khon Kaen University

ICEAS-1973
Dielectric Properties of the PVDF/BSTZ Composite Films
Chia-Ching Wu  Kao Yuan University
Poster Session Agenda

Life Sciences III

Ougi  13:00-14:00  Friday, November 8

LSBE-795
Galangin Suppresses Inflammatory Response: A Potential Adjuvant for a New Scaffold Coating Material
Ju Hwa Yoon  Chosun University
Mi Eun Kim  Chosun University
Dong Hwan Kim  Chosun University
Jae Kyeong Oh  Chosun University
Chi Joong Kim  Chosun University
Young Ung Park  Chosun University
Haeng-Nam Lee  Chosun University
Jun Sik Lee  Chosun University

LSBE-799
Growth and Productivity of Planted Space Flown Tomato Seed
Rizkita Rachmi Esyanti  Institute Technology Bandung
Maria-Almeida  Institute Technology Bandung
Feny Martha Dwivany  Institute Technology Bandung

LSBE-809
The Effect of B7-H3 on CD4+ T Lymphocyte Activation in Vitro
Mi Eun Kim  Chosun University
Dong Hwan Kim  Chosun University
Ju Hwa Yoon  Chosun University
Jun Sik Lee  Chosun University
LSBE-811
The Dietary Flavonoids Quercetin and luteolin Inhibit EMT Transition by Depleting E2EPF Expression
Tsung-Han Lin National Taiwan University
Pei-Hsun Tsai Academia Sinica
Chun-Yu Lin Academia Sinica
Ming-Ting Lee Academia Sinica
Chia-Hsiung Cheng Taipei Medical University

LSBE-815
Two Dietary Flavonoids Inhibit Stemness, Vascularogenic Mimicry and Metastasis of Highly Invasive Prostate Cancer Subline
Pei-Hsun Tsai Academia Sinica
Chia-Hsiung Cheng Taipei Medical University
Chun-Yu Lin Academia Sinica
Tsung-Han Lin National Taiwan University
Yo-Chuen Lin National Taiwan University
Ming-Ting Lee Academia Sinica

LSBE-828
Effect of Menthol on Thermo-Induced Cell Membrane
Pooja Gusain Japan Advanced Institute of Science and Technology
Tsuyoshi Yoda Japan Advanced Institute of Science and Technology
Naofumi Shimokawa Japan Advanced Institute of Science and Technology
Masahiro Takagi Japan Advanced Institute of Science and Technology

LSBE-849
The Function of Forest Margin in Lore Lindu National Park by Using Rousettus (Pteropodidae, Chiroptera) as Indicator Species
Sheherazade University of Indonesia

LSBE-852
The Effect of Anthropogenic Activity on Mangrove Area in Panjang Island, Banten, Indonesia
Primanda Rizki Arsyitamiyanti Institute Technology Bandung
Devi Nandita Choesin Institute Technology Bandung
LSBE-883
The Antidepressant-like Activity of Antidesma velutinosum Blume. in Depressive Mice Model
Yaowared Chulikhit  
Chantana Boonyarat  
Suphawadee Daodee  

Khonkaen University

LSBE-885
Neuroprotective Effect of Thai Herb Alternanthera Sessilis on Ovariectomized Mice
Orawan Monthakantirat  
Charinya Khamphukdee  
Pattanan Pattrageattamrong  
Yaowared Chulikhit  

Khonkaen University

LSBE-886
Determination of β-carotene in Bouea Macrophylla Griffith and Antidesma Velutinosum Blume
Supawadee Daodee  
Chompun Puchongmas  
Yaowares Chulikhit  
Chantana Boonyarat  

Khonkaen University

LSBE-1002
Function of Chromokinesin KIF4A in Interphase
Zi Jia Khong  

Nanyang Technological University

LSBE-1031
The Behavioral Model of the Cancer Screening Utilizer Based on Theory of Reasoned Action
Fen Fen Huang  
Chih-Dao Chen  
Yi-Horng Lai  
Hsieh-Hua Yang  

Oriental Institute of Technology
Far Eastern Memorial Hospital
Oriental Institute of Technology
Oriental Institute of Technology
LSBE-1108
Risk Assessment In Terms of Campylobacter Concentration at the Slaughterhouse in Khon Kaen Province, Northeastern Thailand
Pimsuree-Ussawingowit  Khonkaen University
Chaiyaporn Soikum  Khonkaen University
Nirapan Vongsahit  Khonkaen University
Bongkot Noppon  Khonkaen University
Prapansak Chaveerach  Khonkaen University

LSBE-1117
Synthesis of Bestatin Analogues via a Novel Synthetic Method
Youngran Seo  Seoul National University
Young Gyu Kim  Seoul National University

LSBE-756
Autophagy Is the Preferred Pathway of Niclosamide-Induced Programmed Cell Death in Human Non-Small Cell Lung Cancer
Yi-Rong Li  National Chung Hsing University
Zhao Ya-Xuan  National Chung Hsing University
Chi Chen Lin  National Chung Hsing University

LSBE-1027
Cortisol, β-Endorphin and Oxidative Stress Markers in Healthy Medical Students in Response to Examination Stress
Kyaimon Myint  University of Malaya
R Jayakumar  University of Malaya
See-Ziau Hoe  University of Malaya
M S Kanthimathi  University of Malaya
Sau-Kuen Lam  University of Malaya
LSBE-1052
Determination of Androgens and Estrogens in Prostate Cells by Liquid Chromatography Tandem Mass Spectrometry and Reporter-gene Bioassays
Shu Fang Soh  National University of Singapore
Hui Hoon Yeo  Nanyang Technological University
Chong Hui Tiew  Nanyang Technological University
Yinhan Gong  National University of Singapore

LSBE-997
Tacrine-heptaphylline Hybrid: a Potential Multifunctional Agent for the Treatment of Alzheimer’s Disease
Chantana Boonyarat  Khon Kaen University
Supatra Thiratmatrakul  Khon Kaen University
Chavi Yenjai  Khon Kaen University
Pornthip Waiwut  Ubon Rachathani University
Michihisa Tohda  University of Toyama
Poster Session Agenda

Civil Engineering

Ougi 15:00-16:00 Friday, November 8

ACCMES-1029
Unconfined Lap Splice Tests Using High-Strength Headed Bars
Sung-Chul Chun  Mokpo National University

ACCMES-1042
Efficient Vibration Analysis of Stadium Structure
Gee-Cheol Kim  Seoil University
Joo-Won Kang  Yeungnam University

ACCMES-1077
A Crack Bridging Model for Fibre Reinforced Cementitious Composites with Slip-Hardening Interface
Ting Huang  University of New South Wales
Y.X. Zhang  University of New South Wales

ACCMES-1015
Effect of Pozzolanic Additive on Concrete Durability – A review
Payam Khalaj  Islamic Azad University

ICEAS-1861
Probabilistic Sensitivity Assessment of Composite Steel Beam Exposed to Fire
Okorie Austine Uche  Bayero University
Idris Haruna Muhammad  Jigawa Polytechnic
ACCMES-1000
Degradation of the organic compounds in water by using the Calcium Bismuthate - Bismuth Oxide Photocatalyst Composition
Dmitry Sergeevich Shtarev  
Anna Vladimirovna Shtareva  
Svetlana Anatol`evna Malinovskaya  
Far Eastern State Transport University

ICEAS-1574
Developing an AHP-Based Model for Prioritizing Drivers of Sustainable Competitive Advantages in Green Supply Chain Management: Resource-Based and Relational Views
Nisakorn Somsuk  
Pongtiwa Pongpanich  
Sombat Teekasap  
Eastern Asia University

ICEAS-1677
Kinetics Study of the Accelerated Carbon Dioxide Dissolution with Limestone
Yu-Shao Chen  
Pei-Shan Hsieh  
Ming-Hui Chang  
Chung Yuan University  
Industrial Technology Research Institute
ICEAS-1796

Higher Accumulations of Cadmium (Cd) in Thai Cadavers with History of Higher Frequent Consumption of Offal Foods

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<td>Tansita Arnanteerakul</td>
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ICEAS-1798

Higher Level of Cadmium (Cd)-accumulation in the Liver of Cadavers with History of Liver Diseases

Tansita Arnanteerakul  
Khonkaen university

Atthapon Pidasaya  
Khonkaen university

Amnart Chaichun  
Khonkaen university

Vitoon Prasongwatana  
Khonkaen university

Wilaiwan Mothon  
Khonkaen university

Wiphawi Hipkaeo  
Khonkaen university

Hisatake Kondo  
Khonkaen university

Tarinee Sawatpanich  
Khonkaen university

ICEAS-1807

Using Butterfly Pea Anthocyanin Extract as pH Indicator

Nalin Sittitoon  
Suranaree University of Technology
LSBE-1042
STUDY OF PROTEINS AND PROTEASES ACTIVITY DURING PERIOD OF EMBRYOGENESIS OF ARMY WORM MYTHIMNA SEPARATA
Ramrao Gunda Patil  
Dipalee Jadhav  
Shivaji University

LSBE-1034
Study the Effects of IMD – 0354 analog on Dendritic Cells Functions and Its Application in Treating Rheumatoid Arthritis
Ya Hsuan Chao  
Chi Chen Lin  
National Chung Hsing University

LSBE-1076
Enrichment and partial characterization of autotrophic ammonia oxidizing archaeon from freshwater aquarium
Pai-Chun Hsiao  
Chi-Yu Huang  
Tunghai University

LSBE-1075
RISK FACTORS OF CHILDHOOD LEUKEMIA AT TIRIPOLI MEDICAL CENTER IN LIBYA
Abdurrauf Mohamed Gusbi  
Ebtisam Ayad Benomran  
Mahmod A Rahima  
Ensherah M Benzekre  
Tripoli University
LSBE-1139
Clinical Evaluation of Lamivudine Regimen in Hepatitis-B Patients at Tripoli Medical Center
Ebtisam Ayad Benomran Almergeb University
Abdurrauf Mohamed Gusbi Tripoli University
Mahmod Husien Arhima Tripoli University
Mohamed A Koha Tripoli University

LSBE-1068
The Optimisation of Recombinant Human Insulin like Growth Factor 1 (hIGF-1) in Escherichia Coli BL21 Strain
Sarawut Ounjai Chiangmai University
Kittisak Buddhachat Chiangmai University
Tawan Chokepaichitkool Chiangmai University
Maslin Osathanunkul Chiangmai University
Siriwan Ongchai Chiangmai University

LSBE-1056
“Kaas plateau” A World Natural Heritage Site in Western Ghat: Threats and Conservation Strategies
Shekhar Abasaheb Mohite Shivaji University,Kolhapur

LSBE-1081
Chitosan-immobilized Lipase from Bacillus sp.
Patcharanan Amornrattanapan Burapha University
Authaiwan Jantachot Burapha University
Kamontip Suksawang Burapha University

LSBE-1066
A Comparison of Quality and Quantity of DNA Extracted from 10% Formalin-fixed Canine Tissues
Pollawath Leelawattanakul Chiangmai University
Siriwadee Chomdej Chiangmai University
Korakot Ngavongpanit Chiangmai University
Maslin Ostanunkul Chiangmai University
Waranee Pradit Chiangmai University
LSBE-1025

Structural and Functional Analysis of Drosophila Memory Related Brain-type Fatty Acid-Binding Protein

Ping-Chiang Lyu  National Tsing hua University
Yi-Yun Cheng  National Tsing hua University

LSBE-1086

Phytoconstituents from callus of a valuable ayurvedic medicinal herb Centella asiatica (L.) Urb.

Sanjay Raosaheb Biradar  Shri Chhatrapati Shivaji College Omerga