Conference Program

May, 2015
Kyoto, Japan

ICNSE
International Congress on Natural Sciences and Engineering

ICCBES
International Congress on Chemical, Biological and Environmental Sciences

ICSSAM
International Conference on Social Science and Management

ISEPSS
International Symposium on Education, Psychology and Social Sciences

ICEAI
International Congress on Engineering and Information
ICNSE
International Congress on Natural Sciences and Engineering

ICCBES
International Congress on Chemical, Biological and Environmental Sciences

ICSSAM
International Conference on Social Science and Management

ISEPSS
International Symposium on Education, Psychology and Social Sciences
ISBN 978-986-89844-4-8

ICEAI
International Congress on Engineering and Information
ISBN 978-986-88450-4-6
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General Information for Participants

**Information and Registration**

The Registration and Information Desk will be situated at the **Kyoto Research Park** on the 4th floor during the following time:

**Thursday, May 7, 2015 (13:00-17:00)**

**Friday, May 8, 2015 (08:30-18:00)**

**Saturday, May 9, 2015 (08:30-16:00)**

**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 open the file of your presentation in Microsoft 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. Poster Panel (90cm×173cm)
2. Push pins

Materials Prepared by the Presenters:

1. Home-made Poster(s)

Requirement for the Posters:

1. Material: not limited, can be posted on the poster panel
2. Maximum poster size is A0

(Example)
Conference Venue Information

Kyoto Research Park
Tel: +81-75-322-7800
Address: 134, Chudoji Minami-machi, Shimogyo-ku, Kyoto 600-8813, Japan

Located at the ancient capital of Japan, Kyoto Research Park (KRP) is set at a convenient spot. KRP has a wide variety of networks involving universities, industries, administrative institutes, public research institutes, and economic bodies. KRP offers various of conference rooms, offices, and labs.

The conference will be held at Hall 1 inside the research park. Hall 1 is near to JR Tanbaguchi-Eki.
Conference Venue Floor Plan (4F)

Floor Map of Bldg. #1
Conference Organization

ICNSE International Committee Board

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Jasadee Kaewsrichan  
Prince of Songkla University

Cecilia Esti Nugraheni  
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Jong-Tae Youn  
Pukyong National University

Rose Marie O. Mendoza  
Far Eastern University

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University of Latvia

Elvyra Rombs  
Waseda University

Nattharika Rittippant  
Thammasat University

Tsai-Yen Chung  
Yuan Ze University

Tsan-Kuo Chang  
City University of Hong Kong

Ko-Young Shao  
I-Shou University

Mayura Soonwera  
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Yun-Chia Liang  
Yuan Ze University

Hung-Yu Chang  
National Taiwan University

Rika Terano  
Universiti Putra Malaysia

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Colegio De San Gabriel Arcangel & San Pedro College of Business Administration

Kangmin Lee  
Chungnam National University

Mayuree Lertwatechakul  
King Mongkut’s Institute of Technology Ladkrabang

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King Saud University
Rebecca Lee, The University of Hong Kong
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Gyu-Cheol Lee, Water Quality Research Center
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Mow Chiu Raymond Chan, Hiroshima University
Wilco Wai Hung Chan, Hong Kong Polytechnic University
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Marzuki Ismail, Universiti Malaysia Terengganu
Branko Skoric, University of Novi Sad
Yern Chee Ching, University of Malaya
Alaa A.-M. Abdel-Aziz, King Saud University
# Conference Schedule

## Thursday, May 7, 2015

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<td>Management 1</td>
<td>Room A</td>
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<td></td>
<td>Chemical Engineering</td>
<td>Room B</td>
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<tr>
<td></td>
<td>Computer Science 1</td>
<td>Room C</td>
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<tr>
<td>15:30-15:45</td>
<td>Tea Break</td>
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<td>15:45-17:45</td>
<td>Education 1</td>
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<td>Mathematics</td>
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<td>Time</td>
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<tr>
<td>08:30-18:00</td>
<td>Registration</td>
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<td>09:00-10:30</td>
<td>Education 2</td>
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<td>Management 2</td>
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<td>Electrical Engineering</td>
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<td>Chemical Sciences 1</td>
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<td></td>
<td>Computer Science 2</td>
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<tr>
<td>10:30-10:40</td>
<td>Tea Break</td>
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<td>10:40-12:10</td>
<td>Education 3</td>
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<td></td>
<td>Management 3</td>
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<td>Finance</td>
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<td>Communication</td>
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<td></td>
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<td>Plant Molecular Biology</td>
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<td>Systems and Industrial Engineering 1</td>
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<td>Chemical Sciences 2</td>
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<td>Social Science Keynote Speech: Feili Tu-Keefner</td>
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<td></td>
<td><em>Topic:</em> The Role of Multiple Literacies in Today's</td>
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<td>Ever-Changing, High-Tech Society</td>
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Psychology
Architectural Engineering & Urban Planning and Spatial Information
Information Engineering 1
Biological Engineering |
| **16:20-16:30** | Tea Break                                        |
| **16:30-18:00** | Law & Politics
Management 4
Biochemistry & Bioengineering
Environmental Sciences 2
Biological Sciences 1 |

### Poster Session, 4F

**Kyoto Research Park 4F**

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Management / Environmental Sciences / Engineering |
| **11:30-12:30** | Poster Session (2)
Education / Psychology / Society / Culture / Finance / Communication |
| **13:30-14:30** | Poster Session (3)
Biological Sciences / Computer Science / Information Engineering |
| **15:30-16:30** | Poster Session (4)
Natural Sciences |
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### Oral Session, 4F

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<td>09:00-10:30</td>
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<td>Management 5</td>
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<td>Chemical Sciences 3</td>
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<td>10:30-10:40</td>
<td>Tea Break</td>
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<td>10:40-12:10</td>
<td>Culture</td>
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<td>Biological Sciences 2</td>
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<td></td>
<td>Systems and Industrial Engineering 2</td>
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<td>Computer Science 4</td>
<td>AV Room</td>
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<tr>
<td></td>
<td>Chemical Sciences 4</td>
<td>Science Hall</td>
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<tr>
<td>12:10-13:10</td>
<td>Lunch Time</td>
<td>Atrium</td>
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<tr>
<td>13:10-14:40</td>
<td>Economics</td>
<td>Room A</td>
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<td>Biological Sciences 3</td>
<td>Room B</td>
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<td></td>
<td>Environmental Engineering &amp; Energy Engineering</td>
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<td></td>
<td>Information Engineering 2</td>
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<td>Chemical Sciences 5</td>
<td>Science Hall</td>
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<td>14:40-14:50</td>
<td>Tea Break</td>
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<tr>
<td>14:50-16:20</td>
<td>Environmental Sciences 3</td>
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<td>Ecology and the Environment, Geological Engineering</td>
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<td>Chemical Sciences 6</td>
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<td>Time</td>
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<tr>
<td>08:30-16:00</td>
<td>Registration</td>
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<td>09:30-10:30</td>
<td>Poster Session (5)</td>
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<td></td>
<td>Biological Sciences</td>
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<td>11:30-12:30</td>
<td>Poster Session (6)</td>
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<td>Electrical Engineering / Environmental Sciences / Engineering</td>
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<td>13:30-14:30</td>
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<td>Engineering / Industrial Engineering</td>
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<td>15:30-16:30</td>
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<td>Chemical Sciences</td>
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Natural polysaccharide is one of three major classes of biological macromolecules. Cellulose, starch, and chitin are the most abundant polysaccharides and have been used in various application fields. Therefore, the precision chemical synthesis of related polysaccharides as well as non-natural polysaccharides is a promising research topic to provide new functional environmentally benign materials in biomedical and tissue engineering applications. However, the diverse structures of polysaccharides have caused the difficulty in their chemical synthesis with well-defined structures. Beyond such problem, recently, facile methods for the precision synthesis of polysaccharides are developed such as the approach by enzymatic reactions. Furthermore, polysaccharides have been found to show self-assembling properties, which employed to construct supramolecular materials. Much of the present speech will concern with the speaker’s own works in these research area.
Thanks to technology, the world of information and communication has changed dramatically. With the click of a computer mouse or the tap of a mobile phone touchscreen, we can access information on any topic imaginable, but how do we evaluate it? The problem is no longer finding information, but deciding if it is accurate and relevant to us. What skills are needed to sort through this abundance of information? What must students in this digital age learn so that they will become productive workers in the future? The challenge for educators is to help students acquire these essential skills and apply them in a variety of environments. To thrive and survive in today’s global, high-tech society, students must be equipped with multiple literacies, including higher-order thinking and lifelong learning skills.

In this keynote address, a summary of current scholarly research on adult learners will be presented. Issues related to information overload, challenges in an information society, technology access, and multiple types of literacies significant in the digital age will be covered. These literacies include information, media, scientific, and health literacy, as well as numeracy. Integration of critical thinking, problem-solving, communication, and collaboration skills into pedagogy for adult learning will also be discussed. Several traditional and electronic learning models that have been successfully integrated into higher education will be described, including problem-based learning, project-based learning, experiential learning, and community-based service learning. The discussion will emphasize how educators can help students develop these essential skills and continue to practice them through professional development and lifelong learning activities.
Oral Sessions – May 7

Management 1

Room A  14:00-15:30  Thursday, May 7

Session Chair: Prof. Christine Hill

ICSSAM-1241
The Impact of Nursing Leadership on Teamwork: Implications for Leaders
Anant R Deshpande | SUNY Empire State College
Christine Hill | SUNY Empire State College

ICSSAM-1345
An Inventory Model with Visual-Attention-Dependent Demand Rate, Drop-Shipping Option, and Lost Sales
Yan-Kwang Chen | National Taichung University of Science and Technology
Fei-Rung Chiu | Overseas Chinese University

ICSSAM-1355
How to Raise Switching Barrier Model in E-Wholesaler Travel Agencies?
Leo Huang | National Kaohsiung University of Hospitality and Tourism

ICSSAM-1356
An Economic Production Quantity Model under Trade Credit with Warranty Policy
Yu-Chung Tsao | National Taiwan University of Science and Technology
Chemical Engineering

Room B                  14:00-15:30                  Thursday, May 7
Session Chair: Prof. Jasadee Kaewsrichan

ICNSE-1273
The New Chemically Modified Calcium Phosphate Scaffold: In Vitro and in Vivo Response
Suphannee Thanyaphoo | Prince of Songkla University
Jasadee Kaewsrichan | Prince of Songkla University

ICNSE-1325
An Application of Small Hydrocyclones for Separating Yeast in the Brewing Industry
Wanwilai Kraipech Evans | Srinakarinwirot University
Pongprawut Onkaew | Srinakarinwirot University
Boonrit Heunghok | Srinakarinwirot University

ICNSE-1369
Benzoxazine-Modified Asphalts for Pavement Application
Sarawut Rimdusit | Chulalongkorn University
Anchalee Oumpancharoen | Chulalongkorn University
Chanchira Jubsilp | Srinakarinwirot University

ICNSE-1384
Thermal Degradation Behaviors of Rubber Woodflour-Reinforced Polybenzoxazine Composites
Sarawut Rimdusit | Chulalongkorn University
Chanchira Jubsilp | Srinakarinwirot University

ICNSE-1530
Effects of Drying Methods of Bacterial Celluloses on in Vitro Differentiation of Rat Induced Vascular Progenitor Cells, Embryonic, and Mesenchymal Stem Cells
Sriporn Taokaew | Chulalongkorn University
Muenduen Phisalaphong | Chulalongkorn University
Bi-Min Zhang Newby | The University of Akron
Liya Yin | Northeast Ohio Medical University
ICEAI-741
The Accuracy of Multi Kinects Skelton for Physical Training
Prisana Phonsing | Somying Thainimit, Rachaporn Keinprasit, Yasuharu Koike
Somying Thainimit | Kasetsart University
Rachaporn Keinprasit | National Electronics and Computer Technology Center
Yasuharu Koike | Tokyo Institute of Technology

ICEAI-764
Development of Forex Robot in MetaTrader 4
Luciana Abednego | Parahyangan Catholic University
Cecilia Esti Nugraheni | Parahyangan Catholic University

ICEAI-769
Connecting 6LoWPAN-Based BLE Nodes to Internet
Ni Lan | National Taichung University of Education
Yen-Wen Lin | National Taichung University of Education

ICEAI-772
In-Memory Scheduler for Stream Processing
Yu-Chun Lin | National Taichung University of Education
Ei-Fang Lee | National Taichung University of Education
Yi-Hsuan Lee | National Taichung University of Education
Kuan-Chou Lai | National Taichung University of Education

ICEAI-779
A Survey on Heuristics for Scheduling Problem in Textile Industry
Cecilia E. Nugraheni | Parahyangan Catholic University
Luciana Abednego | Parahyangan Catholic University
ICEAI-786
Web-Based Spatial Expert System for the Risk Assessment of Road Accidents
Sippakarn Kassawat | *Suranaree University of Technology*
Sunya Sarapirome | *Suranaree University of Technology*
Vatanavongs Ratanavaraha | *Suranaree University of Technology*
Patimapon Sukmak | *Walailak University*
Education 1

Room A  15:45-17:45  Thursday, May 7

Session Chair: Prof. Jong-Tae Youn

ICSSAM-1248
Diversity of Innovation Culture Profiles in Educational Organizations across the Sector: Case of Lithuania
Brigita Janiunaite | Kaunas University of Technology
Monika Petraite | Kaunas University of Technology
Gintautas Cibulskas | Kaunas University of Technology

ICSSAM-1379
May There Be Peace: Teaching-Learning Approaches and Strategies in the Cultivation of Lasallian Peace Culture
Analiza Dalisay Resurreccion | De La Salle Lipa

ICSSAM-1389
Exploring the Rhetorical Structure of Research Article Introductions (RAIs) in Refereed Local Journals of De La Salle Lipa
Jose Clarete Macatangay | De La Salle Lipa

ICSSAM-1448
Women Engineering Students’ Included Engineering Education in Korea
Jong-Tae Youn | Pukyong National University
Song-Ah Chloi | Pukyong National University

ICSSAM-1481
Exploring Students’ Perceptions on the Use of the A-S-E-R Framework in Reflective L2 Learning
Gary Cheng | The Hong Kong Institute of Education
Juliana Chau | The Hong Kong Polytechnic University
ISEPSS-2299
The Relationship between Social-Economic Status and Proactive Coping Ability of Elders: Social Support as a Mediator
Ming-Hao Liang | National Chung Cheng University
Hui-Chuan Wei | National Chung Cheng University

ISEPSS-2246
How Aesthetic Education is Connected to Moral Education: A Discussion Based on Jacques Maritain’s Philosophy of Education and Art
Katia Lenehan | Fu Jen Catholic University

ISEPSS-2259
The Development of Prosodic Perception, Phonological Awareness and Vocabulary in Chinese Kindergarten Pupils
Chien-Ming Chen | National Taiwan Normal University
Hsiao-Lan Wang | National Taiwan Normal University

ISEPSS-2323
Designing the Integrated Syllabus in Teaching Reading and Writing Course in Universitas Islam Indonesia
Nizamuddin Sadiq | Universitas Islam Indonesia
Environmental Sciences 1

Room B 15:45-17:45 Thursday, May 7
Session Chair: Prof. Rose Marie O. Mendoza

ICCBES-569
Electron Micrographic Study of Color Removal by Aspergillus Oryzae JSA-1 and Decolorization of Biomethanated Distillery Effluent by Mycelial Biomass of Aspergillus Oryzae JSA-1 Using Column Chromatography Technique
Snehal Agnihotri | Dr. D. Y. Patil Arts, Commerce And Science College
Sonia Agnihotri | Dr. D. Y. Patil Medical College, Hospital and Research Center

ICCBES-604
Optimization of Experimental Parameters for Arsenic Removal from Contaminated Waters by Electrodialysis (ED)
Rose Marie O. Mendoza | Far Eastern University
Maria Lourdes P. Dalida | University of the Philippines
Chi-Chuan Kan | Chia Nan University of Pharmacy and Science
Meng-Wei Wan | Chia Nan University of Pharmacy and Science

ICCBES-695
Membrane Fouling Propensities of Alginate Blocks Derived from Seaweeds
Shujuan Meng | Nanyang Technological University
Qin Yang | Nanyang Technological University
Yu Liu | Nanyang Technological University

ICCBES-697
Effect of Ceria and Strontia over Ru/Mn/Al2O3 Catalysts on the Catalytic Methanation Study
Rusmidah Ali | Universiti Teknologi Malaysia
SusilaPuti Toemen | Universiti Teknologi Malaysia
Wan Azelee Wan Abu Bakar | Universiti Teknologi Malaysia

ICCBES-959
Life Cycle Assessment of Taiwan’s Electricity Sector by Input-Output Approach
Sue J. Lin | National Cheng Kung University
C.H. Liu | Institute of Nuclear Energy Research
ICCBES-914
Genotoxic Effects of Dyeing Industrial Effluent in Trigonella Foenum Graceium (L.)
Mariya J. Jairajpuri | Veer Narmad South Gujarat University
Kailash P. Patel | Veer Narmad South Gujarat University

ICCBES-645
Removal of Pb(II) from Wastewater by Coconut Shell White Charcoal
Siriwan Srisorrachat | Srinakharinwirot University
ICNSE-1296
Local Non-Similarity Solution for Mixed Convection Flow of a Nanofluid Past a Permeable Vertical Plate in the Presence of Thermal Radiation Effects
Radiah Mohamad | Universiti Tun Hussein Onn Malaysia
R. Kandasamy | Universiti Tun Hussein Onn Malaysia
Rozaini Roslan | Universiti Tun Hussein Onn Malaysia
Muhammad Ismoen | Brunei Institute of Technology

ICNSE-1449
Analysis of the Rainfall Occurrence in Indonesia Region Using Point Process Model
Nurtiti Sunusi | Hasanuddin University
Herdiani E.T | Hasanuddin University
Nurin | Hasanuddin University

ICNSE-1455
A Local Integral Equation Formulation for Solving Coupled Burgers’ Equations
Kanitha Yimnak | Dhurakij Pundit University
Anirut Luadsong | King Mongkut’s University of Technology Thonburi (KMUTT)

ICNSE-1499
Global Synchronization of Dynamical Complex Networks with Interval Time-Varying Delay
Narongsak Yotha | Rajamangala University of Technology Isan
Thongchai Botmart | Khon Kaen University
Kanit Mukdasai | Khon Kaen University

ICNSE-1501
Prediction of Combustion Temperature of Liquefied Petroleum Gas (LPG) on the Spherical Packed-Bed Porous Burner
Anucha Klamnoi | Rajamangala University of Technology Isan
Narongsak Yotha | Rajamangala University of Technology Isan
Bundit Krittacom | Rajamangala University of Technology Isan
ICNSE-1503
The Total Edge Irregularity Strength of Web Graph
Nurdin Hindin | Hasanuddin University

ICNSE-1506
Model Vector Autoregressive–Generalized Space Time Autoregressive with Two Stage Least Squares Method and Its Application
Sumarni Susilawati | Hasanuddin University
Erna Tri Herdiani | Hasanuddin University
Nurtiti Sunusi | Hasanuddin University
Oral Sessions – May 8

Education 2

Room A 09:00-10:30 Friday, May 8

Session Chair: Prof. Eddy Li

ISEPSS-2327
Experiences in Piano Learning of Prospective Early Childhood Educators as Beginning Learners
Yu-Tai Su | National Dong-Hwa University

ISEPSS-2286
The Effects of Parental Involvement in Schooling on Educational Achievement of Junior High School Students in Taiwan: A Cultural Capital Perspective
Chih-Lung Hsieh | National Taitung University

ISEPSS-2308
The Transformation After Learning: Based on the Perspectives of Active Aging
Ya-Hui Lee | National Chung Cheng University
Hsin Yi Huang | National Chung Cheng University

ISEPSS-2326
What Made Them Like to Learn? Learning Experiences in Rural Areas of Older Adults with Low Literacy
Chien-Hung Hsieh | National Chung Cheng University
Ya-Hui Lee | National Chung Cheng University

ISEPSS-2261
The Effectiveness of the ABRACADABRA Web-Based Literacy Program on Primary School Students in Hong Kong
Alan Cheung | The Chinese University of Hong Kong

ISEPSS-2346
Designing eLearning Strategies for Vocabulary Expansion: Two Case Studies in a Hong Kong University
Eunice Tang | The Chinese University of Hong Kong
Eddy Li | The Chinese University of Hong Kong
ICSSAM-1323
The Behavioral Intention Research from Deductive Reasoning to Inductive Reasoning: An Example of QR Code for Mobile Commerce Service Promotion
Jhong-Min Yang | National Chung Hsing University
Chien-Ta Ho | National Chung Hsing University

ICSSAM-1333
Nurse Scheduling in Emergency Department: Case Study of Thammasat University Hospital
Aussadavut Dumrongsiri | Thammasat University

ICSSAM-1402
Investigating Competency of Thai Factory Workers: A Survey Study of Leading Industries in Thailand
Chompunick Kao-Ian | Thammasat University
Kwanjai Saewong | Thammasat University
Guntipon Thepsoonthorn | Thammasat University
Surayut Poomviset | Thammasat University
Pornpimol Chongphaisal | Thammasat University

ICSSAM-1414
Thai Generation Y’s Career Value, Intercultural Awareness and Preparation for Globalization
Luckkana Choosang | Thammasat University
Sivakorn Laohapanich | Thammasat University
Tharntorn Chaichanavong | Thammasat University
Vichanee Jaewtrakul | Thammasat University
Pornpimol Chongphaisal | Thammasat University
ICSSAM-1452
Outcome Evaluation of Government Projects in Malaysia: A Study of Ministry Officers’ Level of Understanding
Muhammad Hidayatullah Nasrul | Implementation Coordination Unit
Nazli Mahdzir | Universiti Utara Malaysia
Mohd Fazli Aziz | Human Resource Department

ICSSAM-1569
Commercial Coopetition: When the Coopetition in Sales Contests is a Source of Performance
Juliet F. Poujol | Montpellier University
Estelle Pellegrin-Boucher | Montpellier University

ICSSAM-1329
Describe of Complaints Handling Management at Pasar Rebo Hospital in 2014
Fajar Ariyanti | The State Islamic University of Syarif Hidayatullah Jakarta
Catur Rosidati | The State Islamic University of Syarif Hidayatullah Jakarta
Riastuti Kusumawardhani | The State Islamic University of Syarif Hidayatullah Jakarta
Rafika Wulandari | The State Islamic University of Syarif Hidayatullah Jakarta
ICEAI-664
Electrical Performance of Porcelain Surge Arrester in 22 kV Distribution System under Polluted Conditions
Wichet Thipprasert | Rajamangala University of Technology Lanna Chiang Rai
Ekkachai Chaidee | Rajamangala University of Technology Lanna Chiang Rai

ICEAI-717
High Speed U-Typed Carving Long Period Fiber Gratings
Chung-An Shih | National United University
Cheng-Ling Lee | National United University
Jing-Shyang Horng | National United University
Jui-Ming Hsu | National United University

ICEAI-734
Nonperishable Fiber Sensor Based on Mach-Zehnder Interferometer for Temperature Sensing
Wen-Hao Zheng | National United University
Cheng-Ling Lee | National United University
Jui-Ming Hsu | National United University
Jing-Shyang Horng | National United University
Jian-Zhi Chen | National United University

ICEAI-755
Optimal Solution of Adaptive Algorithm in Multi-Echo Cancellation
Watcharapong Tingchan | King Mongkut's Institute of Technology Ladkrabang
Chawalit Benjangkaprasert | King Mongkut's Institute of Technology Ladkrabang
Chemical Sciences 1

AV Room 09:00-10:30 Friday, May 8
Session Chair: Prof. Jafariah Jaafar

ICCBES-619
A Portable Digital Image Colorimeter for Iron Determination in Natural Water
Prinya Masawat | Naresuan University
Antony Harfield | Naresuan University

ICCBES-883
Probing Azobenzene Photoisomerization by Ab Initio Quantum Chemistry and Molecular Dynamics
Chaoyuan Zhu | National Chiao-Tung University

ICCBES-689
Ammoniated Polyethylene Glycol with Cerium Oxide Based Catalyst for Removal of Naphthenic Acids from Petroleum Crude Oil
Jafariah Jaafar | Universiti Teknologi Malaysia
Nurasmat Mohd Shukri | Universiti Teknologi Malaysia
Wan Azelee Wan Abu Bakar | Universiti Teknologi Malaysia
Zaiton Abdul Majid | Universiti Teknologi Malaysia

ICCBES-732
Mathematical Modeling and Simulation of Microencapsulated N-Octadecane in Urea-Melamine-Formaldehyde Shell for Latent Heat Storage
Terence P. Tumolva | University of the Philippines
Jules Hedwig S. Dayrit | University of the Philippines
Ralph Patrick G. Erice | University of the Philippines

ICCBES-764
Design and Optimization of an Air-Sparged TiO2-Immobilized Tubular Photocatalytic Reactor for the Degradation of Methylene Blue
Patrick D. Ramoso | University of the Philippines
Maria Lourdes P. Dalida | University of the Philippines
ICNSE-1447
Modification of Electrode Surface by Polydimethylsiloxane – Gold Nanoparticle Film for Electrochemical Biosensor
Rachatawan Kamolpach | Srinakharinwirot University
Chokchai Puttharugsa | Srinakharinwirot University
ICNSE-1351
A Topological Condition for Recognizing Strongly Diagnosable Systems under the Comparison Model
Tzu-Liang Kung | Asia University
Hsiang-Chun Chen | Providence University
Lih-Hsing Hsu | Providence University
Hon-Chan Chen | National Chin-Yi University of Technology

ICNSE-1451
A Novel Approach of Automatic Iridology Chart Drawing onto Eye Images
Anisha Amir | National Taipei University
Jiung-Yao Huang | National Taipei University

ICEAI-776
A Novel Random Password Generation Method Based on the Visual Cryptography
Ta-Wei Lin | Chien Hsin University of Science and Technology
Mei-Ling Liu | Chaoyang University of Technology
Fu-Tung Wang | Chien Hsin University of Science and Technology

ICNSE-1405
Long-Term and Short-Term Memory in Learning Processes
Uldis Straujums | University of Latvia
Rūsiņš Freivalds | University of Latvia
Ārija Sproģe | University of Latvia
Solvita Zariņa | University of Latvia

ICEAI-665
On the Factors of the Web Browsing Performance for the Elderly Citizens
Chun-Yen Wu | Tatung University
Chih-Fu Wu | Tatung University
Wen-Te Chang | National Taipei University of Education
Education 3

Room A 10:40-12:10  Friday, May 8
Session Chair: Prof. Elvyra Rombs

ICSSAM-1492
Beginning Programming and Gender: An Exploring Study
Kelvin C.K. Wong | Hong Kong Baptist University
Carmen K.M. Lam | Hong Kong Baptist University

ISEPSS-2279
From Learners to Contributors: Middle-Aged and Older Adults’ Motivations in the Service Learning
Ya-Hui Lee | National Chung-Cheng University
Jing-Yi Lu | National Chung-Cheng University
Chun-Ting Yeh | Taipei College of Maritime Technology

ISEPSS-2301
Human Flourishing: (Re-)Integrating a Neglected Ideal into Higher Education
Elvyra Rombs | Waseda University

ISEPSS-2287
English Learners’ Perceptions of Teachers’ Misbehaviors and Their Influence on Affective Learning and Willingness to Communicate in English Classes
Lisa Li-I Hsu | National Taichung University of Science & Technology

ISEPSS-2283
A Study on Using CLIL (Content and Language Integrated Learning) to Teach Liberal Studies in Hong Kong: Some Preliminary Findings
Anita Y.K. Poon | Hong Kong Baptist University

ISEPSS-2314
Developments and Issues of Moral Curriculum of Elementary Education in Taiwan and Japan
Chuen-Min Jasmin Huang | National Taiwan Normal University
Ken Ito | National Taiwan Normal University
ISEPSS-2282
Situational Interest of Mother Involvement in Online Hands-on Science Programs
Hsin-Hung Chen | National Dong-Hwa University
Chih-Hsiung Ku | National Dong-Hwa University
Management 3

Room B 10:40-12:10 Friday, May 8

Session Chair: Prof. Nattharika Rittippant

ICSSAM-1472
A Conceptual Study on Determinants of Consumer Behavioural Intention to Use Social Network
Noraishah Mostafa | Universiti Tun Abdul Razak

ICSSAM-1499
Thai SMEs and Their Outward FDI
Sirintip Charoenboonwan | Thammasat University
Wuttikrai Duangjui | Thammasat University
Maneerat Choochartchainarong | Thammasat University
Suthida Chansanguan | Thammasat University
Nattharika Rittippant | Thammasat University

ICSSAM-1509
Factors Impacting Intention to Use E-Government in Thailand
Pisit Chanvarasuth | Sirindhorn International Institute of Technology
Veera Boonjing | King Mongkut's Institute of Technology Ladkrabang

ICSSAM-1516
Human Capital and Financial Performance of Micro, Small and Medium Enterprises (MSMEs): A Case of MSMEs in Sokoto Metropolis
Muhammad Sani Umar | Federal University
Sani Arzika | Usmanu Danfodiyo University

ICSSAM-1461
Competitiveness of Thai Gems and Jewelry Industry: An Empirical Study
Thittaya Binsirawanit | Thammasat University
Worakarn Dechbun | Thammasat University
Phonlawut Jaturawichanan | Thammasat University
Sirapoj Swangprai | Thammasat University
Pornpimol Chongphaisal | Thammasat University
ICSSAM-1324
The Study of the Relationships among Brand Identification, Brand Passion, and Brand Commitment
Wen-Hai Chih | National Dong Hwa University
Chia-Yi Huang | Burn Stewart
Dah-Kwei Liou | Chihlee Institute of Technology
Finance
Room C  10:40-12:10  Friday, May 8
Session Chair: Prof. Tsai-Yen Chung

ICSSAM-1258
Applying A Data Mining Approach to Credit Risk
Anirut Suebsing | Ubon Ratchathani University
Kamonphon Nakhonchaigul | Ubon Ratchathani University

ICSSAM-1460
Effects of Capital Adequacy on the Cost of Intermediation and Profit Ability of Selected Banks in the Philippine Banking Industry
Mary Grace De Vera Lagdamen | De La Salle University - Dasmariñas

ICSSAM-1537
Are Special Items Relevant? A Case of Different Perspectives of GAAP vs. IFRS
Ling-Chi Cheng | Chung Yuan Christian University
Tsai-Yen Chung | Yuan Ze University

ICSSAM-1425
The Impact of Commodities Prices on Stocks Using Event Method for Malaysia Firms
Cheng Fan Fah | University Putra Malaysia
Amalina | University Putra Malaysia
Cheng Seow Voon | University Putra Malaysia
Leong Choi Li | University Putra Malaysia
ICSSAM-1190
Traversing Human Authenticity in the Contemporary Technological Age: An Ethical Dimension and the Existential Impact of Social Media
Zernan C. Magbuhat | De La Salle Lipa, University of Santo Thomas

ICSSAM-1235
Impact of Social Media on Public Discourse in Nigeria
Samaila Balarabe | Hassan Usman Katsina Polytechnic

ICSSAM-1237
Social Media and the Dissemination of Information at the Grassroots: Power and Challenge
Muhammad Bashir Usman | Hassan Usman Katsina Polytechnic

ICSSAM-1411
One Social Movement, Many Public Discourses: Occupy Central, Civil Society and Media in Hong Kong
Tsan-Kuo Chang | City University of Hong Kong

ICSSAM-1456
An Analysis of National Identity and Regional Identity of ASEAN Member Countries: A Case Study of ASEAN Community Facebook Fanpage
Monsak Chaiveeradech | Thammasat University

ICSSAM-1488
How Candidate Preference and Poll Results Are Related to Third-Person Perception in the Context of Pre-Election Polls
Stella C. Chia | City University of Hong Kong
ICNSE-1468
The Local Buckling Effects on the Design and Analysis of Lateral Gullies Pavement Systems
Ko-Young Shao | I-Shou University
Yi-An Hsiao | I-Shou University
Min-Zou Hung | I-Shou University

ICNSE-1469
The Kao-Ping Bridge Superstructure Planning - Reconstructing the New Kao-Ping Bridge
Ko-Young Shao | I-Shou University
Yi-An Hsiao | I-Shou University
Chi-Liang Tsai | Directorate General of Highways

ICNSE-1470
Monitoring of Bridge Structures of the Circular Rock-Filled Cages Skirted Group Piles Capacity in Kao-Ping River
Ko-Young Shao | I-Shou University
Yi-An Hsiao | I-Shou University
Chi-Liang Tsai | Directorate General of Highways

ICEAI-655
Estimation of Carbon Dioxide Emissions from the Traffic in the Street Blocks of Taichung City
Chou-Tsang Chang | National Cheng Kung University
Tzu-Ping Lin | National Cheng Kung University

ICEAI-693
The Design of Offshore and Onshore Wind Farms for Pulaubaaai Port Bengkulu Indonesia
Avi Putri Pertiwi | Institut Teknologi Bandung
Andojo Wurjanto | Institut Teknologi Bandung
ICEAI-676
Undrained Shear Strength of Soft Clay Reinforced with Single Encapsulated Bottom Ash Columns
Muzamir Hasan | Universiti Malaysia Pahang
Suzillco Suki | Universiti Malaysia Pahang
ICNSE-1339
Larvicidal and Pupicidal Activity of Herbal Essential Oils against House Fly, Musca Domestica L.
Jirisuda Sinthusiri | King Mongkut’s Institute of Technology Ladkrabang
Mayura Soonwera | King Mongkut’s Institute of Technology Ladkrabang

ICNSE-1340
Insecticidal Effect of Citrus Aurantium and Zingiber Cassumunar Essential Oils against German Cockroach (Blattella Germanica L.: Blattellidae)
Sirawut Sittichok | King Mongkut’s Institute of Technology Ladkrabang
Mayura Soonwera | King Mongkut’s Institute of Technology Ladkrabang

ICNSE-1341
Pediculicidal Activities of Ethanolic Extracts from Thai Edible Plants against Head Louse (Pediculus Humanus Capitis De Geer) in Vitro
Orawan Wongnet | King Mongkut’s Institute of Technology Ladkrabang
Mayura Soonwera | King Mongkut’s Institute of Technology Ladkrabang

ICNSE-1342
The Efficacy of Essential Oils from Thai Native Herbs against Immature Stage of Dengue Vector Mosquito, Aedes aegypti L.
Ubol Phukerd | King Mongkut's Institute of Technology Ladkrabang
Mayura Soonwera | King Mongkut’s Institute of Technology Ladkrabang
Systems and Industrial Engineering 1
Room C  13:10-14:40  Friday, May 8
Session Chair: Prof. Yun-Chia Liang

ICEAI-701
The Construction of Ring Topology in Industrial Wireness Sensor Network
Ching-Lung Chang | National Yunlin University of Science and Technology
Hua-Han Chiang | National Chiayi University
Ching-Hung Chang | National Chiayi University

ICNSE-1508
Developing a Practical Execution Time-Frame for the MRCPSp/Max
Angela Hsiang-Ling Chen | Taoyuan Innovation Institute of Technology
Yun-Chia Liang | Yuan Ze University
Jose David Padilla | Yuan Ze University

ICEAI-670
Workload Estimation for Factory Simulation as a Cloud Service - An Artificial Neural Network Approach
Tin-Chih Chen | Feng Chia University
Chemical Sciences 2
AV Room 13:10-14:40 Friday, May 8
Session Chair: Prof. Hung-Yu Chang

ICCBES-768
Blending-Induced Helical Morphologies of Confined Linear Triblock Copolymers
Hung-Yu Chang | National Taiwan University
Yen-Fu Chen | National Taiwan University
Yu-Jane Sheng | National Taiwan University
Heng-Kwong Tsao | National Central University

ICCBES-797
Spontaneous Self-Coating of a Water Drop by Flaky Copper Powders: Critical Role of Particle Shape
Cheng-Chung Chang | National Taiwan University
Chuan-Chang Wu | National Central University
Yu-Jane Sheng | National Taiwan University
Heng-Kwong Tsao | National Central University

ICCBES-811
Wetting Competition of a Liquid Bridge between Separating, Asymmetric Surfaces with Contact Angle Hysteresis
Chuan-Chang Wu | National Central University
Cheng-Chung Chang | National Taiwan University
Shih-Ming Chen | Industrial Technology Research Institute
Yu-Jane Sheng | National Taiwan University
Heng-Kwong Tsao | National Central University

ICCBES-815
Antioxidant Contents and Stability of Cold-Pressed Rice Bran Oil after a Year Storage
Chutima Ponchurdchai | Thammasat University
Jirada Singkhonrat | Thammasat University

ICCBES-828
Detection of Urinary Creatinine by Gold Nanoparticles after Solid Phase Extraction
Jarinya Sittiwong | Chulalongkorn University
Fuangfa Unob | Chulalongkorn University
ICCBES-843
Phase Behavior and Morphology of Binary Lipid Mixtures on Hydrophilic Solid Surface
Yuan-De Wei | National Taiwan University
Hsing-Lun Wu | National Taiwan University
Bing-Yan Sie | National Taiwan University
Yu-Jane Sheng | National Taiwan University
Heng-Kwong Tsao | National Central University
ISEPSS-2331
Secondary School Quality in Finland
Heikki Pursiainen | Finnish Government Institute for Economic Research
Mika Kortelainen | Public Services Evaluation
Jenni Pääkkönen | University of Helsinki

ISEPSS-2347
Agrotourism Behavior: Case Study at Mahasawas Canal in Nakornpatom Province
Prisana Munpao | Suan Dusit Rajabhat University

ICSSSAM-1255
Mental Health towards Learning Ability among Thai and Cambodian Students
Raseekul Thiti | Ubon Ratchathani University

ICSSSAM-1483
Do Companies’ Efforts on Corporate Social Responsibility Produce Future Economic Benefits? Evidence from Taiwanese Semiconductor Companies
Hsuan-Chu Lin | National Cheng Kung University
Chin-Chen Chien | National Cheng Kung University
She-Chih Chiu | National Cheng Kung University

ICSSSAM-1512
Dynamic Aspect of the Online Questionnaire System
Mohamad Jassem BoHamad | Kuwait Institute for Scientific Research
Adel Naseeb | Kuwait Institute for Scientific Research

ICSSSAM-1353
Factors Influencing Intention to Adopt Sustainable Agriculture Practices among Paddy Farmers in KADA, Malaysia
Rika Terano | Universiti Putra Malaysia
Zainalabidin Mohamed | Universiti Putra Malaysia
Mad Nasir Shamsudin | Universiti Putra Malaysia
Ismail AbdLatif | Universiti Putra Malaysia
ICSSAM-1307
The Influence of Human Activity on Water Environment and their Economy around Maninjau Lake, West Sumatra - Indonesia
Alfian Zein | Bung Hatta University
Psychology

Room B  14:50-16:20  Friday, May 8

Session Chair: Prof. Marietta Barbosa Rasonabe

ICSSAM-1231
Predisposed Borderline Personality
Jason Superable Joven | Colegio De San Gabriel Arcangel & Philippine Normal University-Manila
Marietta Barbosa Rasonabe | Colegio De San Gabriel Arcangel & San Pedro College of Business Administration

ICSSAM-1423
Perception, Resiliency and Coping Strategies of Filipinos Amidst Disasters
Maria Celina Capala Ang | Bulacan State University
Lily Beth Diaz | Bulacan State University

ISEPSS-2295
Empathy and Emotional Response
Yi Chao Wang | National Dong Hwa University

ISEPSS-2353
Self-Efficacy for Non-Traditional Career: Influence of Gender Role Identity and Implication for the Education
Tomoko Adacchi | Osaka-Kyoiku University

ISEPSS-2363
Unsuccessful Service without Recovery Will Be More Distrust for Loyal Customer Than New Customer
Resekiani Mas Bakar | Universitas Negeri Makassar
ICNSE-1428
Consideration on Tension Field of Steel Plate Shear Wall for the Prediction of Deformation Mode
Keunyeong Oh ︱*Chungnam National University*
Jae-Hyuk So ︱*Chungnam National University*
Sung-Bin Hong ︱*Chungnam National University*
Yang Yang ︱*Chungnam National University*
Kangmin Lee ︱*Chungnam National University*

ICNSE-1464
An Analysis of Long-Term Land-Use Change in Taiwan Mountain Regions with Period Digital Achieve Photographs- Filling the Blank Spatial-Temporal Information with Participatory Mapping Visualization and Multi Agent System
Yung-Chung Chuang ︱*Feng-Chia University*
Information Engineering 1

AV Room 14:50-16:20 Friday, May 8
Session Chair: Prof. Mayuree Lertwatechakul

ICEAI-733
Quantification of the Overlapped Glistening in Intraocular Lens
Teeranoot Japunya | Thammasat University
Parisut Jitpakdee | Thammasat University
Bunyarit Uyyanonvara | Thammasat University
Chanjira Sinthanayothin | National Science and Technology Development Agency
Pathumthani
Hirohiko Kaneko | Tokyo Institute of Technology

ICEAI-746
An Efficient Topology Design for RFID Networks
Po-Jen Chuang | Tamkang University
Wei-Ting Tsai | Tamkang University

ICEAI-767
Reconfigurable Band-Notched CPW-Fed Slot Antenna
Mayuree Lertwatechakul | King Mongkut’s Institute of Technology Ladkrabang
Chawalit Benjangkaprasert | King Mongkut’s Institute of Technology Ladkrabang

ICEAI-770
Intelligent Management System for Railway Station
Alongkon Vijittanasan | King Mongkut’s Institute of Technology Ladkrabang
Thanavit Anuwongpinit | King Mongkut’s Institute of Technology Ladkrabang
Sippakorn Saeiao | King Mongkut’s Institute of Technology Ladkrabang
Wasin Triampitak | King Mongkut’s Institute of Technology Ladkrabang
Boonchana Purahong | King Mongkut’s Institute of Technology Ladkrabang
Vanvisa Chutchavong | King Mongkut’s Institute of Technology Ladkrabang
ICEAI-773
On Study of Railway Signaling Simulation in Thailand
Alongkon Vijittanasan | King Mongkut’s Institute of Technology Ladkrabang
Sippakorn Saeiao | King Mongkut’s Institute of Technology Ladkrabang
Thanavit Anuwongpinit | King Mongkut’s Institute of Technology Ladkrabang
Puthita Samootrut | King Mongkut’s Institute of Technology Ladkrabang
Boonchana Purahong | King Mongkut’s Institute of Technology Ladkrabang
Vanvisa Chutchavong | King Mongkut’s Institute of Technology Ladkrabang
ICCBES-571
Isolation and Identification of Anaerobic Bacteria from Coconut Wastewater Factory for Ethanol and Butanol Production
Chompunuch Glinwong | Chulalongkorn University
Nattika Jaroentaku | Chulalongkorn University
Jantarush Comewein | Chulalongkorn University
Warawut Chulaklaksanuksul | Chulalongkorn University

ICCBES-638
An Increase in Hydrophobicity of the Oxyanion Gln114 for an Expedient Development of a Catalytically Stable and Efficient Lipase
Roswanira Abdul Wahab | Universiti Teknologi Malaysia
Mahiran Basri | Universiti Putra Malaysia
Raja Noor Zaliha Raja Abdul Rahman | Universiti Putra Malaysia
Abu Bakar Salleh | Universiti Putra Malaysia
Mohd Basyaruddin Abdul Rahman | Universiti Putra Malaysia

ICCBES-650
Hepatoprotective Activity and Phytochemical Study of Albizia Lebbeck Flowers
Ali Ali ElGamal | King Saud University
Shaza Mohamed Al-Massarani | King Saud University
Mohamed Abelhalim Farag | King Saud University
Mansour Al-Said | King Saud University
Maged Saad Abdel-Kader | Salman Abdulaziz University

ICCBES-669
Environment Factors Can Influence Mitochondrial Inheritance in the Yeast Hybrids
Hsuan-I Lin | National Changhua University of Education
Jui-Yu Chou | National Changhua University of Education
ICCBES-673
Carrier-Bound Peptide with Both T Cell and B Cell Epitopes of Tropomyosin as Candidate Vaccine for Immunotherapy of Shellfish Allergy
Chu Ka Hou ︱ The Chinese University of Hong Kong
Wai Christine Yee Yan ︱ The Chinese University of Hong Kong
Leung Nicki Yat Hin ︱ The Chinese University of Hong Kong
Leung Patrick Sai Cheong ︱ University of California
Law & Politics

Room A 16:30-18:00 Friday, May 8
Session Chair: Prof. Rebecca Lee

ICSSAM-1313
Financial Management and Personal Supervision of the Elderly in Hong Kong: Neglect in (Elder) Law?
Rebecca Lee | The University of Hong Kong

ICSSAM-1426
Reform of Bureaucracy and Implications for Good Corporate Governance Actualizing Creative Economy in Indonesia
Busrizalti | College of Economics EKUITAS

ICSSAM-1220
The World in the 21st Century and Beyond: Convergence or Invariance
Saleh Mari Maina | Federal University Kashere Gombe State- Nigeria
Management 4

Room B 16:30-18:00  Friday, May 8
Session Chair: Prof. Keith Sakuda

ICSSAM-1372
Cultural Differences in Perceptions of Task Interdependence: A Proposed Model and Analysis
Keith Sakuda | University of Hawaii West Oahu

ICSSAM-1464
Privatization of Water Industry in Malaysia
Mohd Fazli Abdul Aziz | SWCorp Malaysia
Nazli Mahdzir | Universiti Utara Malaysia
Muhammad Hidayatullah Nasrul | Implementation and Coordination Unit of the Prime Minister Department, Malaysia

ICSSAM-1494
An Empirical Study on Organizational Determinants of RFID Adoption in the Logistics Thailand Company
Kwanjira Kaewfak | Thammasat University
Supparoek Poojanrt | Thammasat University
Ekkanat Jitsomnuk | Thammasat University
Veeris Ammarapala | Thammasat University

ICSSAM-1366
Drivers and Forms of Coopetition Strategy in a B to B Market
Pierre Roy | University of Montpellier
Estelle Pellegrin-Boucher | University of Montpellier

ICSSAM-1375
Factors Influencing Hybrid Electric Vehicle Buying: An Application of Analytic Hierarchy Process
Chi-Cheng Huang | Aletheia University
Xuan-Rong Chen | Aletheia University
ICSSAM-1566
Christine Nuyda Balunos | University of Santo Tomas
Eleighn Grace Vanessa M Castro | University of Santo Tomas
Kathlyn Renee Magleo Taiño | University of Santo Tomas
Kristine Angeli Juan Reyes | University of Santo Tomas
Anne Nicole Persincula Sabino | University of Santo Tomas

ICSSAM-1384
Forms and Factors of Coopetition within Business Ecosystems: The Role of Emotions
Estelle Pellegrin-Boucher | University of Montpellier
ICNSE-1292
Development of Catalysts with Biomolecular Engineering and Nanotechnology Approaches
Hiroshi Matsui | Hunter College / Weill Medical School of Cornell University

ICNSE-1376
The Effects of Digital Chinese Traditional Qigong Regimen Movement Intervention on the Brain Function in the Elderly with Slight Dementia
Chien-Min Cheng | National Kaohsiung University of Applied Sciences
Yung-Pin Ho | National Kaohsiung University of Applied Sciences
Shin-Tho Huang | Lan Yang Institute of Technology
Kwok On Lau | The Chinese University of Hong Kong
I-Mao Chen | National Kaohsiung Normal University

ICNSE-1294
Shear Mechanical Properties of Senile Coconut Palms at Stem Green Tissue
Oswaldo Mauricio Gonzalez | Griffith University
Benoit Gilbert | Griffith University
Henri Bailleres | Department of Agriculture, Fisheries and Forestry, Queensland Government
Hong Guan | Griffith University

ICNSE-1311
Cocowood Biomechanics of Stem Green Tissue
Oswaldo Mauricio Gonzalez | Griffith University
Khoi Anh Nguyen | Griffith University
ICEAI-774

Measurement of Glucose from NIR Used in Bio-Sensor Detection System

Jui-Lin Lai | National United University
Rong-Sheng Lin | National United University
Shin-Chia Tsai | National United University
Shin-Yi Huang | National United University
Rong-Jian Chen | National United University
Environmental Sciences 2
AV Room 16:30-18:00 Friday, May 8
Session Chair: Prof. Gyu-Cheol Lee

ICCBES-652
Design and Performance of Immobilized Photocatalytic Reactor for Water Treatment
Maria Lourdes P. Dalida | University of the Philippines-Diliman
Angella H. Lim | University of the Philippines-Diliman
Karmina B. Bautista | University of the Philippines-Diliman
Riuji I. Sato | University of the Philippines-Diliman

ICCBES-675
Inoculation of Exopolysachharide Producing Azotobacter to Increase Nutrient Uptake of Soybean (Glycine Max (L.) Merill)
Reginawanti Hindersah | Universitas Padjadjaran
Neni Rostini | Universitas Padjadjaran
Arief Harsono | Indonesian Legumes and Tubers Research Centre Institute
Rifqi Rachmawan | Indonesian Legumes and Tubers Research Centre Institute
Nurasyid Santoso | Indonesian Legumes and Tubers Research Centre Institute

ICCBES-725
Relationship between Habitat Characteristics and Genetic Diversity of Persicaria Thunbergii
Bo Eun Nam | Seoul National University
Jae Geun Kim | Seoul National University

ICCBES-742
Notes on World’s Sustainable Development
Vladimir Gorelov | The Russian Presidential Academy of National Economy and Public Administration
Pavel Golosov | The Russian Presidential Academy of National Economy and Public Administration
ICCBES-607
Application of Response Surface Methodology for Optimization of Trace Amount of Diazinon Preconcentration in Natural Waters and Biological Sample by Carbon Mesoporous CMK-3
Hadi Rahimzadeh Barzoki | Golestan University of Medical Sciences
Somayeh Beirami | Golestan University of Medical Sciences
Nader Bahramifar | Tarbiat Modares University
Zahra Mehraban | Research Institute for Education, Tehran, Iran
HeidarAli Rahimzadeh Barzoki | Islamic Republic of Iran Costoms Administration(IRICA)

ICCBES-893
Detection of Coliforms in Drinking Water: A Rapid, Reliable Method that Does Not Require An External Energy Source
Min-Jeong Kim | Water Quality Research Center, K-water
Gyu-Cheol Lee | Water Quality Research Center, K-water
ICCBES-783
Daily Rhythm of Phytoplankton in Baisha Artificial Lake of the Middle Taiwan
Zi-Chin Li | National Changhua University of Education
Yen-Po Lin | National Changhua University of Education
Yu-Sin Hong | National Changhua University of Education
Tsung-Hsuan Li | National Changhua University of Education
Chung-Chi Lin | National Changhua University of Education
Wei-Lung Wang | National Changhua University of Education
Li-Ling Chao | National Taichung University of Science and Technology

ICCBES-784
Analysis of Heavy Metal and Mineral Nutrient Levels in Sinapis Arvensis L. Plant, Grown in an Industrial Area, Kocaeli/Turkey
Mehmet Emin Uras | Marmara University
Ibrahim Ilker Ozigit | Marmara University
Sedat Karadeniz | Marmara University
Mustafa Keskin | Marmara University
Goksel Demir | Bahcesehir University
Ibrahim Ertugrul Yalcin | Bahcesehir University
Fatih Tabanli | Marmara University

ICCBES-798
Comparative Paralogue Ratio Test for Measurement of Beta-Defensins Copy Number Variation: A Pioneer Study
Maryam Jamielah Yusoff | Universiti Putra Malaysia
Nurul Amiera Ghazi | Universiti Putra Malaysia
Chin Shi Kee | Universiti Putra Malaysia
Suhaili Abu Bakar | Universiti Putra Malaysia
ICCBES-805
Using High Carbon Dioxide Concentration to Induce Astaxanthin Production in Haematococcus Pluvialis
Ching-An Peng  |  Michigan Technological University
Alicia J. Sawdon  |  Michigan Technological University

ICCBES-827
Evaluation of Cisplatin-Induced Anti-Tumor Effect with Interstitial Fluid Pressure
Kazu Takeda  |  Tohoku University
Tomoki Ouchi  |  Tohoku University
Shiro Mori  |  Tohoku University Hospital
Tetsuya Kodama  |  Tohoku University

ICCBES-844
Functional Properties of Coffee and Coffee Ground Extracts; Antioxidant, Antimicrobial and Prebiotic
Wannaporn Klangpetch  |  Naresuan University
Salinthip Musanthear  |  Naresuan University
Supharat Nakyoo  |  Naresuan University
Linh Thi Phuong Le  |  Nong Lam University
Jetsada Wichaphon  |  Naresuan University
Saowaluk Rungchang  |  Naresuan University

ICCBES-774
Determination of Heavy Metals and Mineral Nutrients in Leaves of Some Widely Used Medicinal Plants in Turkey
Ibrahim Ilker Ozyigit  |  Marmara University
Bahattin Yalcin  |  Marmara University
Senay Turan  |  Marmara University
Sedat Karadeniz  |  Marmara University
Goksel Demir  |  Bahcesehir University
İbrahim Ertuğrul Yalcin  |  Bahcesehir University
Oral Sessions - May 9

Education 4

Room A  09:00-10:30  Saturday, May 9

Session Chair: Prof. Mow Chiu Raymond Chan

ICSSAM-1369
Critical Literacy in Taiwan: A Self-Discovery English Course
Jun-Min Kuo  |  Tunghai University

ICSSAM-1536
Multicultural Learning Environment in Japanese University
Jiwak Raj Bajracharya  |  International Christian University

ICSSAM-1433
The Educational Milieu of the Agtas in the City of Ilagan
Demetrio Pascua Anduyan, Jr.  |  Isabela State University
Agnes Sagayadoro Reyes  |  Philippine Normal University

ICSSAM-1362
A Modeling Study: The Interrelationships among High Performance School (Hps) Students’ Mathematics Beliefs, Learning Environment, Learning Approaches and Mathematics Achievement
Mazlini Adnan  |  Universiti Pendidikan Sultan Idris
Mohd Faizal Nizam Lee Abdullah  |  Universiti Pendidikan Sultan Idris
Marzita Puteh  |  Universiti Pendidikan Sultan Idris
Che Nidzam Che Ahmad  |  Universiti Pendidikan Sultan Idris
Siti Mistima Maat  |  Universiti Kuala Lumpur Malaysia France Institute

ISEPSS-2250
A Study on State and Problems of Instruction for Mathematics Pre-Service Teachers in Songkhla Rajabhat University
Kawalin Chainarong  |  Songkhla Rajabhat University
ISEPSS-2293

Peer Support in Teacher Training: An Evaluation of a Teacher Induction and Professional Development Programme in Soja City, Okayama Prefecture, Japan

Kurihara Shinji ︱ Hiroshima University
Mow Chiu Raymond Chan ︱ Hiroshima University
ICSSAM-1387
The Effects of Risk and Hedonic Value on the Intention to Purchase on Group Buying Website: The Role of Trust, Price and Conformity Intention
Rong-An Shang | Soochow University
Chun-Yu Hsu | Soochow University
Chung-Kuan Lin | Soochow University
Yu-Chen Chen | Soochow University

ICSSAM-1405
Consumer Attitudes towards Domestic and Foreign Service Companies: The Identification of Typological Groups in Polish Insurance Market
Agnieszka Hat | University of Economics, Poland

ICSSAM-1408
Multi-Mode Resource-Constrained Multi-Project Scheduling Problem by Bi-level Decentralized Programming
Chi-Bin Cheng | Tamkang University
Chiao-Yu Lo | Tamkang University

ICSSAM-1416
Compensation Difference between Locals and Expatriates in China’s Hotel Industry
Wilco Wai Hung Chan | Hong Kong Polytechnic University
Alice Hon | Hong Kong Polytechnic University
Leon Liu | Hong Kong Polytechnic University
Julie Ningyi Zhu | Hong Kong Polytechnic University

ICSSAM-1261
Problem and Guidelines to Solve the Problem of Spa Business in Nakhonratchasima Province for Increasing Competitive Advantage
Kamonphon Nakhonchaigul | Ubon Rachathani University
Anirut Suebsing | Ubon Rachathani University
ICSSAM-1505
The Development of Dimensions Dynamic Capabilities
Yenny Maya Dora ︱ Widyatama University

ICSSAM-1545
The Development of Concept Human Capital
Isniar Budi Arti ︱ University Computer Indonesia
Civil Engineering 2
Room C          09:00-10:30          Saturday, May 9
Session Chair: Prof. Cevdet Emin Ekinci

ICNSE-1279
Delay Factors between Main Contractors and Nominated Sub Contractors in High Rise Building in Thailand
Sunan Suksai | King Mongkuts University of Technology Thonburi

ICNSE-1350
An Experimental Study of the Anchorage Capacity of an Anchor Type of Re-bar
Seong-Yeol Cho | Seoul National University of Science & Technology
Wang-Gi Lee | Seoul National University of Science & Technology
Ki-Sang Son | Seoul National University of Science & Technology

ICNSE-1454
Probabilistic and Mechanistic Approach for Pavement Analysis
Ming-Lou Liu | I-Shou University
Yan-Chang Chen | I-Shou University
Ting-Wei Yang | I-Shou University
Zhong Qing Ma | I-Shou University

ICNSE-1494
Utilizing Building Information Modeling (BIM) in Green Building Certification
Po-Han Chen | National Taiwan University
Nguyen Thanh Chuong | National Taiwan University

ICNSE-1539
Experimental Investigation of Summer Season Bioharmological Properties of Hospital Polyclinic Environments
Cevdet Emin Ekinci | Fırat University
Nurdan Baykus | Kilis 7 Aralık Üniversitesi
Computer Science 3

AV Room 09:00-10:30 Saturday, May 9
Session Chair: Prof. Rusins Martins Freivalds

ICNSE-1406
Ultrametric Algorithms to Test Security of Mobile Networks
Arija Sproge | University of Latvia
Uldis Straujums | University of Latvia
Rusins Martins Freivalds | University of Latvia
Solvita Zarina | University of Latvia

ICNSE-1409
Quantum Algorithms Used to Analyze Security Problems
Rusins Martins Freivalds | University of Latvia
Uldis Straujums | University of Latvia
Solvita Zarina | University of Latvia
Arija Sproge | University of Latvia

ICNSE-1460
A Study of Using an App to Analyze the Drawing Technique
Tracy Kwei-Liang Ho | University of Taipei
Huann-shyang Lin | National Sun Yat-sen University
Ching-Kong Chen | National Taipei University of Technology

ICEAI-647
An Database Accessing Framework for Rapid-test Reader Design
An Sang Hou | Southern Taiwan University of Science and Technology

ICEAI-661
Suppliers Segmentation Technique for e-Commerce Transaction Brokers, Case Study: Hotel Rooms Provider
Veronica Sri Moertini | Parahyangan Catholic University
Verliyantina Sutarto | KlikHotel.com
Chastine Nathania Amelinda | Parahyangan Catholic University
Irene Sukanto | Parahyangan Catholic University
Chemical Sciences 3

Science Hall 09:00-10:30 Saturday, May 9

Session Chair: Prof. Masafumi Yoshida

ICCBES-753
Effect and Safety of Bioactive Ingredients of Kava Piper Methysticum
Masafumi Yoshida | Tokyo City University
Kinuko Niihara | Tokyo City University
Shio Murakami | Tokyo City University
Surendra Prasad | The University Of The South Pacific

ICCBES-757
Energy and Exergy Analyses of Hydrogen Production from Biomass Gasification Process
Woranee Paengjuntuek | Thammasat University
Janjira Amornchaivittawat | Thammasat University
Jitti Mungkalasiri | MTEC, National Science and Technology Development Agency

ICCBES-761
Drops on Hydrophilic Conical Fibers: Gravity Effect and Coexistent States
Yu-En Liang | National Taiwan University
Heng-Kwong Tsao | National Central University
Yu-Jane Sheng | National Taiwan University

ICCBES-762
Preparation of Iron Oxide Nanocatalysts from Low Grade Steel and Application in the Liquid Phase Oxidation of Benzene
David Lokhat | University of KwaZulu-Natal
Milan Carsky | University of KwaZulu-Natal

ICCBES-763
Depletion Induced Binding between Key and Lock Colloids
Chang-Wei Huang | National Taiwan University
Hung-Yu Chang | National Taiwan University
Shyh-Yun Chen | National Taiwan University
Yu-Jane Sheng | National Taiwan University
Heng-Kwong Tsao | National Central University
ICCBES-740
Synthesis and Characterization of a Self-Assembling Hydrogel from Water-Soluble Cellulose Derivatives and Sodium Hydroxide/Thiourea Solution
Jeddah Marie Garrucho Vasquez | University of the Philippines – Diliman
Terence Palad Tumolva | University of the Philippines – Diliman
Culture

Room A  10:40-12:10  Saturday, May 9

Session Chair: Prof. Norihito Mizuno

ICSSAM-1254
Traditional Strategies of Public Transportation “Angkot” Based on History and Trust:
Case Study in Sub-District Pakem and Condong Catur – Yogyakarta, Indonesia
Aisyah Kusuma Rachmadani | University Gadjah Mada
Faiza Syifa Zahira | University Gadjah Mada
Alia Fajarwati | University Gadjah Mada

ICSSAM-1351
Surviving a Stormy Age: Japanese Residents in China and Anti-Japanese Sentiment and Actions in the 1920s and 1930s
Norihito Mizuno | Akita International University

ICSSAM-1430
Family-Related Practices: The Case of the Agtas in Diteki, San Luis, Aurora, Philippines
Marcelino Jr Luis Tabago | Western Philippines University
Aurora, Philippines | Central Luzon State University
ICCBES-839
The Role of Indole-3-Acetic Acid in Yeast Ecology
Hung-Wei Chen | National Changhua University of Education
Shih-Feng Fu | National Changhua University of Education
Jyuan-Yu Wei | National Changhua University of Education
Li-Ying Shin | National Changhua University of Education
Jui-Yu Chou | National Changhua University of Education

ICCBES-841
Seasonal Variation of Yeast Composition from Biting Midge (Forcipomyia taiwana) in Taiwan
Hung-Wei Chen | National Changhua University of Education
Wei-Lung Wang | National Changhua University of Education
Chung-Chi Lin | National Changhua University of Education
Yu-Der Wen | National Changhua University of Education
Jui-Yu Chou | National Changhua University of Education

ICCBES-890
Study of High Blood Perfusion Organs after Injection of SN-38-Loaded Polymeric Depots
Ketpat Vejjasilpa | Mahidol University
Chawan Manaspon | Mahidol University
Noppadol Larbchareonsub | Mahidol University
Atthaporn Boongird | Mahidol University
Suradej Hongeng | Mahidol University
Nipan Israsena | Chulalongkorn University
Norased Nasongkla | Mahidol University
ICNSE-1338
Insecticidal Effect of Essential Oils from Thai Medicinal Plants Against Culex Quinquefasciatus
Siriporn Phasomkusolsil | Armed Forces Research Institute of Medical Sciences
Mayura Soonwera | King Mongkut’s Institute of Technology Ladkrabang

ICCBES-809
Very High Gravity Fermentation with Ergosterol and Tween80 Supplementation: A Novel Approach in Bioethanol Production from Nypa frutican Sap
Fajar Restuhadi | University of Riau
Evy Rossi | University of Riau
Chairul Muchiyat | University of Riau

ICCBES-974
Second Generation Bioethanol in France
Paul Colonna | French National Institute for Agricultural Research (INRA)
Systems and Industrial Engineering 2
Room C  10:40-12:10  Saturday, May 9
Session Chair: Prof. Muhamad Arifpin Mansor

ICNSE-1295
Using the CFD Technique to Analyze Tire Tread Hydroplaning Effects
Min-Feng Sung | Kenda Rubber Ind. Co., Ltd
Chin-Fu Chen | Kenda Rubber Ind. Co., Ltd
Chao-Jung Chen | Kenda Rubber Ind. Co., Ltd

ICNSE-1381
A Framework for Measuring the Effect of Changeover Time to Overall Equipment Effectiveness
Muhamad Arifpin Mansor | University Malaysia Pahang
Ahmad Rasdan Ismail | University Malaysia Kelantan
Mohamad Rusydi Mohamad Yasin | University Malaysia Pahang
Azahari Halmi | University Malaysia Pahang

ICNSE-1385
Development of Network DEA Model to Measure Risk in Production Line’s Productivity: A Case Study of Automation and Labor Combination
Nik Afieza Che Azhar | Universiti Malaysia Pahang
Muhamad Arifpin Mansor | Universiti Malaysia Pahang
Ahmad Rasdan Ismail | Universiti Malaysia Kelantan
Siti Aishah Rusdan | Universiti Malaysia Pahang

ICNSE-1400
Implementation of Single Minutes of Exchange Die (SMED) in Malaysia Metal Stamping Industry: A Case Study
Ahmad Rasdan Ismail | University Malaysia Kelantan
Muhamad Arifpin Mansor | University Malaysia Pahang
Mohamad Rusydi Mohamad Yasin | University Malaysia Pahang
Azahari Halmi | University Malaysia Pahang
Computer Science 4

AV Room 10:40-12:10 Saturday, May 9
Session Chair: Prof. Kyungkoo Jun

ICEAI-680
Robust Barcode Detection System Using Probabilistic Hough Transform
Dongjin Park | Incheon National University
Kyungkoo Jun | Incheon National University

ICEAI-694
Adaptive Task Allocation for Clustering-Based Workflow Scheduling
Kuo-Chan Huang | National Taichung University of Education
Hsiao-Ching Liu | National Taichung University of Education
Hsi-Ya Chang | National Center for High-Performance Computing

ICEAI-707
Broadcasting Algorithms for Triangular Meshes and Triangular Pyramids
Yi-Chun Wang | National Chi Nan University
Justie Su-Tzu Juan | National Chi Nan University
Dyi-Rong Duh | Hwa Hsia University of Technology

ICEAI-708
Dynamic Population Control in Modified Particle Swarm Optimization with Mutation and Reposition
Wichaya Somgjat | King Mongkut’s Institute of Technology Ladkrabang
Boontee Kruatrachue | King Mongkut’s Institute of Technology Ladkrabang

ICEAI-721
Multicast Retransmission Scheduling in Mobile Communication Networks Using Network Coding
Yi-Ju Hsieh | National Taichung University of Education
Tsan-Pin Wang | National Taichung University of Education

ICEAI-738
Greedy Mutation Search with Particle Swarm Optimization
Veerakorn Poonsilp | King Mongkut’s Institute of Technology Ladkrabang
Boontee Kruatrachue | King Mongkut’s Institute of Technology Ladkrabang
ICEAI-683
Realtime Panorama Video System using Networked Multiple Cameras
Kyungyoon Choi | Incheon National University
Kyungkoo Jun | Incheon National University

ICEAI-684
Hand Contour Detector Robust to Noise
Soohwan Chae | Incheon National University
Kyungkoo Jun | Incheon National University
ICCBES-747
Investigation on Oligomerization of 1-Decene to Diesel Fuel over Zeolite Catalysts
Snunkheam Tunkla Echaroj | Thammasat University
Malee Santikunaporn | Thammasat University

ICCBES-851
Catalytic Dewaxing and Isodewaxing of Hydrocracker Bottoms for Fuel and Lubricant Production
Rangsan Rungruengsee | Thammasat university
Kornthape Prasirtsiriphan | PTT Public Company Limited
Malee Santikunaporn | Thammasat university

ICCBES-741
Catalytic Hydrocracking of Waste Vegetable Oil Using High Pressure Flow Apparatus to Obtain Jet Fuel Range Alkanes
David Lokhat | University of KwaZulu-Natal
Sammy Lewis Kiambi | Durban University of Technology
Keldon Moodley | University of KwaZulu-Natal
Keroshan Govender | University of KwaZulu-Natal

ICCBES-743
Synthesis & Characterization of Multinuclear Complexes of Molybdenum
Gursharan Singh | Giani Zail Singh PTU Campus
Vikas Mangla | Giani Zail Singh PTU Campus
Mamta Goel | Giani Zail Singh PTU Campus
Kavita Singla | Giani Zail Singh PTU Campus
Deepika Rani | Giani Zail Singh PTU Campus
ICCBES-746
Molecularly Imprinted Polymer Solid Phase Extraction of Glibenclamide with Acrylamide Monomer for Extraction of Glibenclamide from Serum
Aliya Nur Hasanah | Universitas Padjadjaran
Rahmana Emran Kartasasmita | Bandung Institute of Technology
Slamet Ibrahim | Bandung Institute of Technology

ICCBES-748
The Study of Removal Efficiency of As, Cr and Mn Cation Exchange Resin Modified by Hydrated Fe(III) Oxides Nanoparticle
Somchintana Puttamat | Chulalongkorn University
Varong Pavarajarn | Chulalongkorn University

ICCBES-891
Identification of Asiatic Acid Pharmacophore as COX-2 Inhibitor
Ida Musfiroh | Universitas Padjadjaran
Muchtaridi Muchtaridi | Universitas Padjadjaran
Ahmad Muhtadi | Universitas Padjadjaran
Rahmana E Kartasasmita | School of Pharmacy, Bandung Institute of Technology
Slamet Ibrahim | School of Pharmacy, Bandung Institute of Technology
Economics

Room A  13:10-14:40  Saturday, May 9
Session Chair: Prof. Diana Sari

ICSSAM-1195
Key Performance Indicators for Measuring Resource Management in Higher Education Institutions
Stefani Lily Indarto | Soegijapranata Catholic University
Theresia Dwi Hastuti | Soegijapranata Catholic University

ICSSAM-1331
Malaysian Opinions of GM Food: Study on Awareness and Knowledge
Golnaz Rezai | Universiti Putra Malaysia
Mad Nasir Shamsudin | Universiti Putra Malaysia
Zainalabidin Mohamed | Universiti Putra Malaysia
Bashir Ibrahim Muse | Universiti Putra Malaysia

ICSSAM-1346
Effects of Financial Deepening and International Trade on Stock Return and Exchange Rate in China
Ho-Yin Yue | Hang Seng Management College

ICSSAM-1371
Formal Institutions and Economy Fluctuation: An Empirical Study from Forty-Nine Countries
Chih-Pin Lin | Aletheia University
Meng-Szu Hsu | Aletheia University

ICSSAM-1442
The Influence of Growth Capital Expenditures and Fiscal Stress on the Growth of Local Taxes (Research on District/City in West Java Province)
Diana Sari | Widyatama University
Karhi Nisjar Sardjudin | Widyatama University
Mailinda Utami Anandhari | Widyatama University
ICCBES-679
The Trophic Role of Microzooplankton in Tolo Harbour, Hong Kong, As Revealed by HPLC Pigment Analyses
Chong Kim Wong | The Chinese University of Hong Kong

ICCBES-733
Isolation and Identification The Diversity of Bacteria That Live in The Gut and Castings of Thai Local Earthworm
Suleerak Arlaktham | Maejo University
Piyanuch Niumsup | Maejo University
Arnat Tancho | Maejo University
Pattaraporn Rattanawaree | Bioresources Technology Unit
Winai Chaipitakcholatarn | Bioresources Technology Unit

ICCBES-765
Reduction of Nursing Effort for Normoglycaemia within Intensive Care Patients through Long-acting Insulin
Normy Norfiza Abdul Razak | Universiti Tenaga Nasional
Nur Athirah Binti Abdul Razak | Universiti Tenaga Nasional
Fatanah M.Suhaimi | Universiti Sains Malaysia

ICCBES-771
Interspecific Competition behavior and Circadian Rhythm of Ground Ants in The Subtropical Forest (Hymenoptera: Formicidae)
Chung-Han Shih | National Changhua University of Education
Chung-Chi Lin | National Changhua University of Education
ICCBES-750

Visceral Organs of Sandfish as an Active Compound of Natural Steroid to Beautify Ornamental Fish

Etty Riani | Bogor Agricultural University
Emilda Emilda | Bogor Agricultural University
Khaswar Syamsu | Bogor Agricultural University
Tun Tedja Irawadi | Bogor Agricultural University
Environmental Engineering & Energy Engineering
Room C  13:10-14:40  Saturday, May 9
Session Chair:  Prof. Haydar Demirhan

ICEAI-686
Urban Thermal Stress Mapping: Combination of Long-Term Climate Data and Occurrence Frequencies
Yu-Cheng Chen  |  National Cheng Kung University
Tzu-Ping Lin  |  National Cheng Kung University
Jian-Ting Lin  |  National Cheng Kung University

ICEAI-710
Characterization of Summertime Highway Gas Emissions with DOAS System in Sohar City, Oman
Amin Ismael Nawahda  |  Sohar University

ICEAI-636
A Smart Mechatronic Solar Tracking System for Improved Performance
Osama Abd-Elmohaymen Montasser  |  The British University in Egypt
Mohamed Tarek Elewa  |  The British University in Egypt

ICEAI-690
Determination of Correlated Covariates for Horizontal Solar Radiation Modeling by Robust Coplot Graphs
Haydar Demirhan  |  Hacettepe University
Yasemin Kayhan Atilgan  |  Hacettepe University

ICNSE-1502
A Proposal to Design of An Integrated System for Analysis of Structural Performance and Environmental Impact Assessments
Ali Jamshidi  |  Hokkaido University
Kiyofumi Kurumisawa  |  Hokkaido University
Toyoharu Nawa  |  Hokkaido University
ICNSE-1313
H2-LPG-SCR of NOx over green Ag/Al2O3 reactively calcined nano-catalyst
Pratichi Singh | Banaras Hindu University, Varanasi
Ram Prasad | Indian Institute of Technology (BHU), Varanasi
Jitendra Pandey | Banaras Hindu University (BHU), Varanasi
Kazushige Ohno | IBIDEN Co. Ltd.

ICNSE-1487
Feasibility of Greenhouse Gas Emission Reduction in Campus Using Wind Turbine: A Case of Payap Universitys Library
Dilok Kiatlertnapha | Chiang Mai University
Natanee Vorayos | Chiang Mai University
Nat Vorayos | Chiang Mai University
Information Engineering 2

AV Room 13:10-14:40 Saturday, May 9
Session Chair: Prof. Ching-Hung Chang

ICNSE-1542
The Analysis of Logistics Information Vulnerability in Store-to-Store Delivery System
Jia-Min Zhao | Nanhu University

ICEAI-705
VCSEL-Based Tunable Optical Bandpass Filter for Optical Fiber Transport Systems
Yi-Syuan Huang | National Chiayi University
Ching-Hung Chang | National Chiayi University
Liang-Shuo Tu | National Chiayi University

ICEAI-706
Bidirectional Single Wavelength Optical Phase Modulation and Intensity Modulation Transport Systems
Liang-Shuo Tu | National Chiayi University
Ching-Hung Chang | National Chiayi University
Yi-Syuan Huang | National Chiayi University

ICEAI-730
A Markerless Humanoid Skeleton Motion Capture Technique for Motion Sensing Games
Tainchi Lu | National Chiayi University
Che-Wei Lin | National Chiayi University

ICNSE-1556
The Development of BIM Model-based Construction Project Performance Evaluation Mechanism
Yi-Jao Chen | University of Kang Ning
Chung-Wei Feng | National Cheng Kung University
Kai-Ming Yang | University of Kang Ning
Chemical Sciences 5

Science Hall 13:10-14:40 Saturday, May 9
Session Chair: Prof. Mashitah M Yusoff

ICCBES-897
Study Biodegradable PLA and Household Glove Latex Blending with Poly(ethylene glycol) as Compatibilizer
Nantharat Phruksaphithak | Thaksin University

ICCBES-912
Effect of Sterols and Triterpenoids of Glutinous Rice Bran Extract (Variety Leum Pua) in MCF-7 Cell Line
Pattawat Seekhaw | Chiang Mai University
Sugunya Mahatheeranont | Chiang Mai University
Phumon Sookwong | Chiang Mai University
Suwaporn Luangkamin | Kasetsart University
Sucha Numkliang | Mahidol University
Vijitra Leardkamolkarn | Mahidol University
Acharaporn Na Lampang Neonplab | Phitsanulok Rice Research Center
Pakawan Puangsombat | Chiang Mai University

ICCBES-913
Phycocyanin-Hg2+ Ensemble Probe for Selective Determination of Cysteine
Premsak Puangploy | King Mongkuts University of Technology Thonburi
Sukunya Oaew | King Mongkuts University of Technology Thonburi
Werasak Surareungchai | King Mongkuts University of Technology Thonburi

ICCBES-915
Cellulose Assisted Reduction of Silver(I) to Silver Nanoparticles
Wei Chung Chen | McGill University
Theo G.M. Van De Ven | McGill University
ICNSE-1441
In Situ TEM Characterisation of 2-Dimensional Materials in Liquids for Energy Storage and Optoelectronics Applications
Evie M Doherty | Trinity College Dublin
Andres Seral-Ascaso | Trinity College Dublin
Eva McGuire | Trinity College Dublin
Claudia Backes | Trinity College Dublin
Jonathan Coleman | Trinity College Dublin
Valeria Nicolosi | Trinity College Dublin

ICNSE-1541
Gas Chromatographic Analyses of Complex Sesquiterpenes in Malaysian Agarwood Essential Oil
Mashitah M Yusoff | Universiti Malaysia Pahang
Saiful Nizam Tajuddin | Universiti Malaysia Pahang
Environmental Sciences 3
Room A 14:50-16:20 Saturday, May 9
Session Chair: Prof. Wan Aini Wan Ibrahim

ICCBES-822
Assessment of Microbial Community Structure and Population Dynamics within Anaerobic Membrane Bioreactor during Startup to Stable Period
Theint Theint Win | Mandalay Technological University
Hye Min Kim | Yonsei University
Kyung Guen Song | Korea Institute of Science and Technology

ICCBES-847
Naringenin Functionalized Silica-Coated Magnetic Nanoparticles as New Magnetic Solid Phase Extraction Sorbent of Selected Metal Ions from Water Samples
Wan Aini Wan Ibrahim | Universiti Teknologi Malaysia
Layth Imad Abd Ali | Universiti Teknologi Malaysia
Azli Sulaiman | Universiti Teknologi Malaysia
Mohd Marsin Sanagi | Universiti Teknologi Malaysia

ICCBES-848
Assessment on The Evolution of Beta Defensins (β-defensins) Gene in Selected Major Ethnics of Sarawak, Malaysia Borneo
Zahirunisa Abd Rahim | Universiti Putra Malaysia
Suhaili Abu Bakar | Universiti Putra Malaysia

ICCBES-855
Microbiological Characteristics of Palm Oil Mill Effluent
Kar Ming Tan | Universiti Teknologi Malaysia
Wai Loan Liew | Universiti Teknologi Malaysia
Khalida Muda | Universiti Teknologi Malaysia
Mohd. Azraai Kassim | Universiti Teknologi Malaysia
ICCBES-879
The First Results of The Distribution of Cesium-137 in Urban Soil of Snezhnogorsk
(The Kola Peninsula, Russia)
Anna Usacheva ︱ IGEM RAS
Ivan Semenkov ︱ IGEM RAS

ICCBES-892
Using Chemical Fingerprints to Evaluate Weathering Effects in Gasoline Contaminated Soils
Colin S. Chen ︱ National Kaohsiung Normal University
Chien-Jung Tien ︱ National Kaohsiung Normal University
Chih-Yu Ho ︱ National Kaohsiung Normal University
Ecology and the Environment, Geological Engineering

Room B 14:50-16:20 Saturday, May 9
Session Chair: Prof. Marzuki Ismail

ICNSE-1334
Workplace Ergonomics Risk Assessment of Mining Industries
Norhidayah Mat Sout | Universiti Malaysia Pahang
Muhamad Arifpin Mansor | Universiti Malaysia Pahang
Ahmad Rasdan Ismail | Universiti Malaysia Kelantan
Norhidayah Abdull | Universiti Malaysia Pahang

ICNSE-1395
Air Speed and Particle Deposition Rates in Indoor Building
A. Norhidayah | Universiti Malaysia Pahang
A. Nur Atikah | Universiti Malaysia Pahang
E.H. Sukadarin | Universiti Malaysia Pahang

ICNSE-1397
Indoor/Outdoor Relationship and Chemical Composition of PM2.5 in Office
A. Norhidayah | Universiti Malaysia Pahang
S. Zarifah | Universiti Malaysia Pahang
E.H. Sukadarin | Universiti Malaysia Pahang

ICNSE-1399
Accident in Mining and Quarry Site: Rate of Occurrences and Causes
Nur Azlina Abd Rahman | Universiti Malaysia Pahang
Muhammad Arifpin Mansor | Universiti Malaysia Pahang
Norhidayah Abdull | Universiti Malaysia Pahang
Ahmad Rasdan Ismail | Universiti Malaysia Kelantan

ICNSE-1424
Time Series Analysis of Particulate Matter (PM10) Concentration in Kuala Terengganu of Peninsular Malaysia
Marzuki Ismail | Universiti Malaysia Terengganu
Samsuri Abdullah | Universiti Malaysia Terengganu
Fong Si Yuen | Universiti Malaysia Terengganu
ICNSE-1332
Carbonate Reservoir Rock Typing Determination for Enhancing Reservoir Producibility in Baturaja Formation, South Sumatra Basin
Jarot Setyowiyoto︱Universitas Gadjah Mada, Yogyakarta, Indonesia
Rienno Ismail︱PT. Pertamina, Indonesia
Aiman Haidar Shamlan︱Universitas Gadjah Mada, Yogyakarta, Indonesia

ICNSE-1404
Heavy Metal Contamination Associated with Dust Particles in Iran
Ghasem Rahimi︱Bou-Ali Sina University
Maryam Hemati︱Bou-Ali Sina University
ICNSE-1291
Lasing Emission from The Quantum Dots Doped Soft Matter with Polymer Template
Lin-Jer Chen | National Cheng Kung University
Chia-Rong Lee | National Cheng Kung University

ICNSE-1321
Effect of Mg on the Oxidation of CrAlN Thin Films
Min Jung Kim | Sungkyunkwan University
Sang Hwan Bak | Sungkyunkwan University
Poonam Yadav | Sungkyunkwan University
Muhammad Ali Abro | Sungkyunkwan University
Soon Yong Park | Sungkyunkwan University
Kwon Yong Ji | Sungkyunkwan University
Dong Bok Lee | Sungkyunkwan University

ICNSE-1320
Modification of Hard Coatings with Ion Beam
Aleksandar Miletic | University of Novi Sad
Milan Kukuruzovic | University of Novi Sad
Pal Terek | University of Novi Sad
Branko Skoric | University of Novi Sad
ICNSE-1416
Carbon Dioxide Capture from Flue Gas by Temperature Swing Adsorption Process with PEI/SBA-15 Sorbent
Cheng-tung Chou | National Central University
Yi-ting Shen | National Central University
Chia-hao Chan | National Central University
Hong-sung Yang | Hwa-Hsia University of Technology
Jing-Liang Zhang | National Central University
Hou Chuan Wang | Industrial Technology Research Institute
Hsiu Hsia Lee | Industrial Technology Research Institute
Jyh Feng Hwang | Industrial Technology Research Institute
Wang Chen | Industrial Technology Research Institute

ICNSE-1329
Andres Seral-Ascaso | Trinity College Dublin
Sonia Metel | Trinity College Dublin
Hannah Nerl | Trinity College Dublin
Anuj Pokle | Trinity College Dublin
Eva McGuire | Trinity College Dublin
Claudia Backes | Trinity College Dublin
Karsten Rode | Trinity College Dublin
Jonathan Coleman | Trinity College Dublin
Valeria Nicolosi | Trinity College Dublin
ICNSE-1264
Mechanical Properties of Polyvinyl Alcohol Reinforced with OPEFB Cellulose Prepared under Different Treatment Condition
Yern Chee Ching | University of Malaya
Ching Kuan Yong | University of Southampton
Cheng Hock Chuah | University of Malaya
Nai-Sha Ng Liou | Southern Taiwan University

ICNSE-1500
Numerical Study of Similarity Laws for the Cross Flow Fan
Yang-Cheng Shih | National Taipei University of Technology
Cheng-His Liu | National Taipei University of Technology
Jin-Da Lai | National Taipei University of Technology
Wei-Xiang Hsiao | National Taipei University of Technology

ICNSE-1305
An Experimental Study on the Aerodynamic Performance of Flexible Tandem Wings
Yingying Zheng | Nanyang Technological University
Yanhua Wu | Nanyang Technological University

ICNSE-1307
A Theoretical Analysis of Hydrogel Phase Change
Tao Wu | Nanyang Technological University
Hua Li | Nanyang Technological University

ICNSE-1439
Experimental Investigation of Twin Cylinder Diesel Engine Using Linseed Oil Blend with Ethanol
Dr. Hiregoudar Yerrennagoudar | Visvesvaroy Technological University
Manjunatha Kondekal | Visvesvaroy Technological University
Chandragowda M | Visvesvaroy Technological University
ICNSE-1504
Effect of Inclined Angle of Combustion-air Port on the Gas Turbine
Bundit Krittacom | Rajamangala University of Technology Isan
Kitti Kaewchat | Rajamangala University of Technology Isan
Pathiwat Waramit | Rajamangala University of Technology Isan
Pipatana Amatachaya | Rajamangala University of Technology Isan

ICNSE-1493
Engine Mounting Configuration for Reduced Vibration in Vehicle Using the Analytical Approach
Thasin Suansakaew | Defense Technology Institute
ICCBES-578
Synthesis of Phthalimide Derivatives as Potential Cyclooxygenase-2 (COX-2) Inhibitors: Anti-Inflammatory and Analgesic Activities
Alaa A.-M. Abdel-Aziz | King Saud University
Amer M. Alanazi | King Saud University
Adel S. El-Azab | King Saud University
Ibrahim A. Al-Suwaidan | King Saud University
Kamal Eldin H. ElTahir | King Saud University
Yousif A. Asiri | King Saud University

ICCBES-598
Design, Synthesis and In-Vitro Antitumor Evaluation of Some Novel Substituted Quinazoline Derivatives
Alaa A.-M. Abdel-Aziz | King Saud University
Amer M. Alanazi | King Saud University
Adel S. El-Azab | King Saud University
Ibrahim A. Al-Suwaidan | King Saud University

ICCBES-608
Isolation, Structure Elucidation and Biological Evaluation of Acetylated Favonoid Glycosides from Centaurium Spicatum
Abdelaaty A. Shahat | King Saud University
Mansour S. Alsaid | King Saud University

ICCBES-635
Synthesis of Protected Phenylalanine-Asparagine-Leucine and Its Ecdysteroid Binding Properties
Korakot Navakhun | Ramkhamhaeng University
Narongdech Khobsantia | Ramkhamhaeng University
ICCBES-670
Multivariate Analysis of Perfume Quality based on Fragrance Base Note Properties
Hascerya Maarof | Universiti Teknologi Malaysia
Tengku Fazarina Tengku Ab Ghani | Universiti Teknologi Malaysia
Mohamed Noor Hasan | Universiti Teknologi Malaysia

ICCBES-861
Synthesis and Characterization of Iron Oxides Nanoparticles (FexOy) from Non-Reagent Iron Source
Zaiton Abdul Majid | Universiti Teknologi Malaysia
Mok Chun Fah | Universiti Teknologi Malaysia
Nursyafreena Attan | Universiti Teknologi Malaysia
ICSSAM-1374
A DEA Approach for Equitable Allocation of Shared Cost and Common Revenue
Po-Pei Wu | National Chin-Yi University of Technology
Hung-Tso Lin | National Chin-Yi University of Technology
Hao-Ting Chiu | National Chin-Yi University of Technology

ICSSAM-1334
An Empirical Study for Application Quality Function Deployment Technique to Determine the Service Demands
Shun-Hsing Chen | Yu Da University of Science and Technology
Chih-Ching Wu | Yu Da University of Science and Technology
King-Jang Yang | Chung Hua University
Ming-Che Chen | Chung Yuan Christian University

ICSSAM-1383
Roles of Goal Orientation and Promotability in Networking
Yin-Mei Huang | Tunghai University
Cheng En Lee | Tunghai University

ICSSAM-1393
A Study on Visitor’s Satisfaction through Importance-Performance Analysis for Hot Spring Hotels in Jianshih Township
Chi Lo | Chung Hua University
Hsiu-Yuan Wang | Chung Hua University

ICSSAM-1407
The Relationship between Networking Behavior and Promotability: The Moderating Effect of Political Skill
Pei Ling Lee | Tunghai University
Yin-Mei Huang | Tunghai University
ICSSAM-1468
The Determinants of Mobile Communication Application Stickiness and Sticker Purchase Intention
Chiu-Ping Hsu | Chung Hua University

ICSSAM-1534
A Conceptual Model to Predict Consumers’ Intention to Check in on Facebook
Hsiu-Yuan Wang | Chung Hua University
Chi Lo | Chung Hua University
Li-Hsin Wang | Chung Hua University
Yao-ling Chen | Chung Hua University

ICSSAM-1568
Factors Affecting the Subscription of Children Magazines
Shi-Wei Xu | Wuhan University
Yu-Kai Huang | Nahuha University

ICCBES-690
Reaction of Nonylphenol with Humic Acid in Sediment
S.W. Chang Chien | Chaoyang University of Technology
S.H. Chen | Chinese Culture University
P.R. Tsai | Chaoyang University of Technology

ICCBES-793
Toxic and Essential Elements in the Fruiting Bodies of Common Chanterelle (Cantharellus Cibarius) Determined by ICP-MS Method
Małgorzata Drewnowska | Gdańsk University
Maria Chudzińska | Adam Mickiewicz University
Danuta Baralkiewicz | Adam Mickiewicz University
Jerzy Falandysz | Gdańsk University
Land Use Changes and Structure Dynamics in Coastal Yunlin County, Taiwan Using Remote Sensing Techniques
S.H. Chen | Chinese Culture University
W.D.C. Gunasiri | Chinese Culture University
K.F.A. Lo | Chinese Culture University
T.M. Lee | Chinese Culture University
S.W. Chang Chien | Chaoyang University of Technology

Effects of NE Monsoon and Seasonality on the Distribution and Abundance of Calanus Sinicus in the Waters of Taiwan, Western North Pacific Ocean
Jiang-Shiou Hwang | National Taiwan Ocean University
Sami Souissi | University of Sciences and Technologies of Lille
Li-Chun Tseng | National Taiwan Ocean University
Juan Carlos Molinero | GEOMAR Helmholtz Center for Ocean Research
Qing-Chao Chen | Academia Sinica
Chong Kim Wong | The Chinese University of Hong Kong

Using Seven Types of GM (1, 1) Model to Predict the Total Times of Persons for Disaster Social Aid in Taiwan
Yi-Ti Tung | Chung Shan Medical University
Tzu-Yi Pai | National Taichung University of Education
Pei-Yu Wang | National Taichung University of Education
Li-Hua Shih | National Taichung University of Education
Yu-Ze Jiang | National Taichung University of Education
Lung-Yi Chan | National Taichung University of Education
Tien-Hsuan Lu | National Taichung University of Education
Pei-Yu Yang | Chaoyang University of Technology

Magnetite Modified with Amine Polymer to Adsorb Copper Ions in Aqueous Solution
Chyow-San Chio | National I-Lan University
Ya-Fen Lin | National I-Lan University
Hua-Wei Chen | St. Marys Junior College of Medicine
ICCBES-658
Growth Evaluation of Fungi Isolated in the Sossego Copper Mine (Pará State, Brazil)
Luciana Jandelli Gimenes | Universidade de São Paulo
Bruno Karolski | Universidade de São Paulo
Elen Aquino Perpetuo | Universidade de São Paulo
Ellen Cristina Miranda Lacerda | Universidade de São Paulo
Cláudio Augusto Oller do Nascimento | Universidade de São Paulo
Ingrid Regina Avanzi | Universidade de São Paulo
Louise Hase Gracioso | Universidade de São Paulo
Marcela dos Passos Galluzzi Baltazar | Universidade de São Paulo
Tatiana Alves dos Reis | Universidade de São Paulo
Benedito Correa | Universidade de São Paulo

ICCBES-708
Reclamation of Heavy Metals-Contaminated Soil Using Dissolved Organic Carbon Solution Prepared from Liquid Fertilizer of Food Waste Composting
Cheng-Chung Liu | National Ilan University
Chou-Chung Chan | National Ilan University

ICEAI-724
Hydrogen Sensing on Pt-loaded Titania Nanotube Arrays
Sou-Hui Hsiao | National Cheng Kung University
Fa Lin | National Cheng Kung University
Wei-Chun Wu | National Cheng Kung University
Wen-Chau Liu | National Cheng Kung University
Huey-Ing Chen | National Cheng Kung University

ICEAI-677
On a High-Power GaN-Based Light-Emitting Diode with a Nano-Hemispherical Hybrid Backside Reflector
Jian-Kai Liou | National Cheng-Kung University
Shiou-Ying Cheng | National Ilan University
Der-Feng Guo | R.O.C. Air Force Academy
Yi-Chun Chan | National Cheng-Kung University
Sheng-Yi Chen | National Cheng-Kung University
Wen-Chau Liu | National Cheng-Kung University
ICEAI-679
On an Ammonia Gas Sensor with a Porous ITO Thin Films Structure
Po-Cheng Chou | National Cheng-Kung University
Huey-Ing Chen | National Cheng-Kung University
Kun-Wei Lin | Chaoyang University of Technology
Wei-Yuan Jheng | National Cheng-Kung University
Jun-Jie He | National Cheng-Kung University
Yu-Jhih Jheng | National Cheng-Kung University
Chen-Yu Siao | National Cheng-Kung University
Wen-Chau Liu | National Cheng-Kung University

ICEAI-682
An Electrophoretic Deposition (EPD)-Gate Approach for a Heterostructure High Electron Mobility Transistor (HFET)
Chun-Chia Chen | National Cheng-Kung University
Huey-Ing Chen | National Cheng-Kung University
Shiou-Ying Cheng | National Ilan University
Chien-Hua Wang | National Cheng-Kung University
Kai-Chieh Chuang | National Cheng-Kung University
Wen-Chau Liu | National Cheng-Kung University

ICNSE-1326
New Design of High Concentration Reflected Photovoltaic Array Module
Cheng-Yi Hsu | Chung Hua University
Yuli Lin | Chung Hua University

ICNSE-1314
Homogeneity of Oil and Sugar Components of Flour Buckwheat Investigated by GC-MS System and Multivariate Analysis
Marijana Ačanski | University of Novi Sad
Kristian Pastor | University of Novi Sad
Radojka Razmovski | University of Novi Sad
Snežana Kravić | University of Novi Sad
Đorđe Psodorov | University of Novi Sad
Đura Vujić | University of Novi Sad
ICNSE-1315
Finite Element Simulations of Thermal Affected Zone for a Tapered Drill Bit based on a Bone Analog
Yung-Chuan Chen | National Pingtung University of Science and Technology
Li-Wen Chen | National Pingtung University of Science and Technology
Wei-Hua Lu | National Pingtung University of Science and Technology
Yao-Nan Wang | National Pingtung University of Science and Technology
Hsing-Hui Huang | National Pingtung University of Science and Technology
Jik-Chang Leong | National Pingtung University of Science and Technology
Ji-Sih Ciou | National Pingtung University of Science and Technology

ICNSE-1327
Evaluation of OGIP Estimation by Material Balance Equations for Water-Drive Dry-Gas Reservoirs
Chonlada Jungjiaroensin | Chulalongkorn University
Suwat Athichanagorn | Chulalongkorn University

ICNSE-1434
The Research on the Influence between Splice Loss and Optical Fiber Link Construction
Chiu Chiao Chung | Nai-Kai University of Technology

ICNSE-1528
Discussion on the Bridge Inspection Quality Assurance of the Sampling Method
Shu-Ping Chang | National Central University
Jia-Wei Wu | Chien Hsin University of Science and Technology
Ting-Yu Lin | Chien Hsin University of Science and Technology
Ming-Chen Chen | Chien Hsin University of Science and Technology
Jyh-Dong Lin | National Central University
Poster Session (2)

Education / Psychology / Society / Culture / Finance / Communication

Kyoto Research Park 4F  11:30-12:30  Friday, May 8

ICSSAM-1359
The Effectiveness of E-Learning Model by Using Health Management Platform for College Students with Metabolic Syndrome Risk Factors
Mei-Chen Su ︱ Chang Gung University of Science and Technology
Lee-Ing Tsao ︱ National Taipei University of Nursing and Health Sciences

ICSSAM-1343
An Evaluation of Emergency Medical Service Nursing Course of Kuakarun Faculty of Nursing, Navamindradhiraj University
Boontiva Soowit ︱ Navamindradhiraj University

ICSSAM-1381
The Relationship of Attachment and Life Adaptation on the College Students with Disabilities
Ya-Ying Lee ︱ Chang Gung University
Li-Ju Chen ︱ Chang Gung University

ICSSAM-1394
Study of Hair and Makeup – A Case Study in Art Nouveau
Li hui Chu ︱ Cardinal Tien Junior College of Healthcare and Management

ICSSAM-1462
Investigation and Analysis of Accessible Environment of Taiwan Public Spaces
Nai Chi Liang ︱ Chang Gung University
Li Ju Chen ︱ Chang Gung University
Chia Cheng Liang ︱ National University of Kaohsiung
ICSSAM-1511
Mentoring Music Teachers: An Autoethnographic Duet
Karen V. Lee | University of British Columbia

ICSSAM-1562
Analyzing the Performance of Grammar Checker
Ya-Ling Wu | National Chin-Yi University of Technology

ISEPSS-2284
Physical Activity and Quality of Life among Brazilian University Students
Nara Rejane Cruz de Oliveira | Federal University of São Paulo
Tullio Pieroni Toledo | Federal University of São Paulo
Larissa Cavalcante | Federal University of São Paulo
Amanda Moretto Correa | Federal University of São Paulo
Ricardo da Costa Padovani | Federal University of São Paulo

ISEPSS-2300
An Action Research of the Workplace Learning Applied in the Automobile Practice Curriculum in the Comprehensive High School
Chun-Jen Huang | National Dong Hwa University

ISEPSS-2313
The Importance of Teacher Guide Seventh-Graders Learn Programming Through Code.Org of K-8 Online Course
Chia-Cheng Shih | National Dong-Hwa University

ISEPSS-2274
Application of “International Classification of Functioning, Disability and Health-Children and Youth Version” (ICF-CY) Model to a Developmentally Delayed Preschoolers to Individualized Education Program: A Case Study
Su-Fen Huang | National Taitung University

ISEPSS-2307
A Visit to Nepal: Reflection on Self-Narrative
Hsin-Yu Chen | National Taitung University
Sufen Huang | National Taitung University
ISEPSS-2306
The Effects on Spontaneous Speech Production and Peer Interaction from Children Who Have Autism Spectrum Disorders When Nursery Rhyme Singing is Involved
Chia-Yu Chou | National Taitung University
Sufen Huang | National Taitung University

ISEPSS-2302
The Implementation of Individualized Teaching Mathematics and Playing the Game of Go Has the Potential to Engage Students with the Mathematics
Wei Chih Liu | National Dong Hwa University
Chih-Hsiung Ku | National Dong Hwa University

ISEPSS-2289
New Ways in Teaching Undergraduate Linguistics Courses
Bin Li | City University of Hong Kong
Yingting Cui | City University of Hong Kong
Wenling Cao | University of York

ISEPSS-2263
The Human Resource Planning of the Eastern University of Management and Technology (UMT)
Pannathorn Chachvarat | Boromrajchonnani College Nursing, Phayao Province
Smarnjit Piromruen | The Eastern University of Management and Technology

ISEPSS-2357
Learning Effect of Using Affective Tutoring System for Elementary School Fourth Grade Social Study
Hong-Ren Chen | National Taichung University of Education
Ling-Chun Liao | National Taichung University of Education

ISEPSS-2318
Vocabulary Learning Strategies of Taiwanese EFL Senior High School Students
Shuying Hsu | Chienkuo Technology University
ISEPSS-2290
An Exploration of English Learning Attitudes and Motivation between AFL and Non-AFL College Students
Mei Ling Lee | Chienkuo Technology University

ICSSAM-1367
Becoming Vegan: Pursuit of Individual Well-Being or Environmental Consciousness? Motivations, Difficulties, Social Network and Personal Evolution
Marielle Bruyninckx | University of Mons
Dimitri Cauchie | University of Mons
Anne-France Dinant | University of Mons

ICSSAM-1380
The Family-Centered Intervention Climate Perceived by Professions in Early Intervention
Pao-Wen Li | Chang Gung University
Lin-Ju Kang | Chang Gung University
Hsin-Yi Kathy Cheng | Chang Gung University

ICSSAM-1418
Gender Difference in Hip Fracture Effects on Mortality and Risk of Hospitalization for Older People in Taiwan - A Nationwide Population-Based Study
Sy-Jye Wei | China Medical University
Wen-Miin Liang | China Medical University
Jeff Chien-Fu Lin | National Taipei University
Chi Lo | Chung Hua University
Chi-Fung Cheng | China Medical University

ICSSAM-1476
Developmental Motor Screening Scale of Computerized Adaptive Test: A Simulation Study
Yi-Han Po | Chang Gung University
Chia-Ling Chen | Chang Gung University
Hsieh-Ching Chen | National Taipei University of Technology
ICSSAM-1478
Life Impacts and Symptom Distress among Women with Pelvic Organ Prolapse before Pelvic Reconstruction Surgery
I-Chen Ko | Chang Gung Memorial Hospital, Linkou
Lee-Ing Tsao | National Taipei University of Nursing and Health Sciences

ICSSAM-1459
Housing for Senior: The Practice and Development of Hong Kong
Ka Chui NG | City University of Hong Kong

ICSSAM-1395
Chora- The Fluid and Maternal Space
Susin Liu | Tung-Fang Design Institute

ICSSAM-1404
Reading the Dancing Aesthetics –From the Viewpoint of Herbert Marcuse’s Aesthetics Theory
Sin Yan Lu | National Taiwan Normal University

ICSSAM-1277
Exploring the Nature of Material Information: Disclosure and Its Implications
Ya-Fang Wang | Providence University
Hua-Wun Syu | Providence University
Yu-Ting Huang | Chung Yuan Christian University

ICSSAM-1376
Speech Functions and Participation Outcomes Were Associated with Manual Ability in Children with Cerebral Palsy
Yi-ching Huang | Chang Gung University
Chia-ling Chen | Chang Gung University; Chang Gung Memorial Hospital, Linkou
Katie PH Wu | Chang Gung Memorial Hospital, Linkou
Chih-Chien Tsai | Chang Gung University
Chia-ying Chung | Chang Gung Memorial Hospital, Linkou
Alice MK Wong | Chang Gung Memorial Hospital, Linkou
Poster Session (3)

Biological Sciences / Computer Science / Information Engineering

Kyoto Research Park 4F
13:30-14:30
Friday, May 8

ICCBES-736
Involvement of the Cotton BIGPETAL1 Gene, GhBPE1, in Multiple Cotton Developmental Pathways
William Ho | CSIRO Agriculture Flagship
Ingrid Venables | CSIRO Agriculture Flagship
Sally Walford | CSIRO Agriculture Flagship
Liz Dennis | CSIRO Agriculture Flagship
Danny Llewellyn | CSIRO Agriculture Flagship

ICCBES-599
Generation and Characterization of Dengue Virus Neutralizing Single-Chain Antibody
Trai Ming Yeh | National Cheng Kung University
Cian-Dai Ciou | National Cheng Kung University
Yung Chun Chuang | National Cheng Kung University

ICCBES-612
Qualitative and Quantitative Analysis DNA of Strawberry Festival Kultivar (Fragaria x Ananassa D.) Polyploid Plant
Rini Nur’Azizah | Gadjah Mada University
Septi Mutia Handayani | Gadjah Mada University
Ganies Riza Aristya | Gadjah Mada University

ICCBES-625
Mechanisms of Al2O3 Nanoparticles Induced Oxidative Stress and Toxicity in HepG2 Cells
Saud Alarifi | King Saud University
Daoud Ali | King Saud University
ICCBES-626
Evaluation of DNA Damage and Apoptosis in Liver Tissue of Mice After Exposure to Silver Nanoparticles
Widad M. Al-Bishri | King Abdulaziz University
Saud A. Alarifi | King Saud University

ICCBES-636
Biogenic Amines Production during Ras Cheese Ripening
Amr Abd Elmoamen Amer | Alexandria University

ICCBES-637
Potential Application of the Staphylococcus Aureus DNA Mimic Protein SAUGI in Combating Human Viral Disease
Hao-Ching Wang | Taipei Medical University
Chun-Han Ho | Academia Sinica
Chia-Cheng Chou | Academia Sinica
Tzu-Ping Ko | Academia Sinica
Ming-Fen Huang | Taipei Medical University
Andrew H.-J. Wang | Taipei Medical University

ICCBES-647
Molecular Mimicry: Arn, an Antagonist of the Bacterial Histone-Like Protein H-NS by Its DNA Mimic Property
Chun-Han Ho | National Taiwan University
Hao-Ching Wang | Taipei Medical University
Tzu-Ping Ko | Academia Sinica
Yuan-Chih Chang | Academia Sinica
Andrew H.-J. Wang | Academia Sinica
ICCBES-648
Azidobupramine, a Novel Chemical Tool to Enlighten Antidepressants Mode of Action
Thomas Kirmeier | Max Planck Institute of Psychiatry
Svenja Nina Reinders | Max Planck Institute of Psychiatry
Ranganath Gopalakrishnan | Max Planck Institute of Psychiatry; EPFL SB ISIC LPPT
Vanessa Ganal | Max Planck Institute of Psychiatry
Anna M. Werner | Max Planck Institute of Psychiatry
Serena Cuboni | Max Planck Institute of Psychiatry
Georg C. Rudolf | Technical University Munich; Bayer House
Stephan A. Sieber | Technical University Munich
Florian Holsboer | Max Planck Institute of Psychiatry
Theo Rein | Max Planck Institute of Psychiatry
Felix Hausch | Max Planck Institute of Psychiatry

ICCBES-659
A Novel Acidic Preparation for Developing Decellularized Corneal Scaffolds
Hung-Jun Lin | National Taiwan University
Yi-You Huang | National Taiwan University
Der-Zen Liu | Hsuan Chuang University
Shen-Fu Lin | Taipei Medical University
Ping-Lun Jiang | Taipei Medical University
Ting-Wei Li | Taipei Medical University
Mei-Yin Chien | Taipei Medical University

ICCBES-664
Inhibitory Effect of Erinacines A on the Growth Of DLD-1 Colorectal Cancer Cells Is Induced by Generation of Reactive Oxygen Species and Activation of P70S6k and P21
Hsing-Chun Kuo | Chang Gung University of Science and Technology
Chien-Chang Lu | Chang Gung Memorial Hospital-Kaohsiung Medical Center; Chang Gung University College of Medicine
Wen-Shih Huang | Chang Gung Memorial Hospital Chiayi; Chang Gung University, College of Medicine; National Chiayi University
Cheng-Nan Chen | Chang Gung Memorial Hospital-Kaohsiung Medical Center; Chang Gung University College of Medicine
ICCBES-665
Upregulation of TLRs and IL-6 as a Marker in Human Colorectal Cancer
Chien-Chang Lu | Chang Gung Memorial Hospital-Kaohsiung Medical Center; Chang Gung University College of Medicine
Hsing-Chun Kuo | Chang Gung University of Science and Technology

ICCBES-678
Investigation of Estrogen-Related Receptor Gamma 2 Expressions in Brains, Livers, Gonads and Anal Fins of Thai Medaka (Oryzias Minutillus) Exposed to $17\alpha$-Ethinylestradiol
Arin Ngamniyom | Srinakharinwirot University
Thayad Sriyapai | Srinakharinwirot University
Busaba Panyarachun | Srinakharinwirot University

ICCBES-683
Concentration-Enhanced Immunoassays Using Nanofractures Generated by the Self-Assembled Monolayer of Gold Nanoparticles Assisted Electric Breakdown
Chun-Ping Jen | National Chung Cheng University
Tsung-Hsiang Chiang | National Chung Cheng University

ICCBES-698
Phage Display Technique Identifies the Interaction of SARS Coronavirus ORF6 Protein with Nuclear Pore Complex Interacting Protein NPIPB3 in Modulating Type I Interferon Antagonism
Cheng-Wen Lin | China Medical University

ICCBES-701
Mycobacterium Tuberculosis Induced CTGF Expression in Human Lung Fibroblasts Requires the JNK/AP-1 Pathway
Hong-Sheng Lee | Taipei Medical University
Bing-Chang Chen | Taipei Medical University
Hung-Sheng Hua | Taipei Medical University
Chien-Huang Lin | Taipei Medical University
ICCBES-711
Evaluation of Developmental and Teratogenic Defects of Ticlopidine in Xenopus Embryos and Human Endothelial Cells
Cho Won Kim | Kyungpook National University
You Kyung Kim | Kyungpook National University
Hyun-Shik Lee | Kyungpook National University

ICCBES-712
IFT46 is Crucial for Vertebrate Ciliogenesis
Byung-Duk Kim | Kyungpook National University
Soo-Ho Lee | Kyungpook National University
Hyun-Shik Lee | Kyungpook National University
Inji Park | Kyungpook National University

ICCBES-713
Histone Demethylase Kdm3a/Jmjd1a Regulates Craniofacial and Neural Development via Regulating Expression of Neural Specific Genes
Hyun-Kyung Lee | Kyungpook National University
Byungwoo Kang | Kyungpook National University
Changrae Jo | Kyungpook National University
Hyun-Shik Lee | Kyungpook National University

ICCBES-738
Diverse Targets of β-catenin during the Epithelial-Mesenchymal Transition Define Cancer Stem Cells and Predict Disease Relapse
Yi-Wen Chang | National Tsing Hua University
Ying-Jhene Su | National Tsing Hua University
Michael Hsiao | Academia Sinica
Kuo-Chen Wei | Chang-Gung University College of Medicine and Memorial Hospital
Wei-Hsin Lin | National Taiwan University Hospital Hsin-Chu Branch
Chi-Lung Liang | National Tsing Hua University
Shin-Cheh Chen | Chang-Gung University College of Medicine and Memorial Hospital
Jia-Lin Lee | National Tsing Hua University
ICCBES-864
Studies on the Serum Lipids Reducing Effects of Four Grain Sprouts Fermentation Liquid
CHih Wei Chen | Chung Chou University of Science and Technology
Yu Chin Chai | Chung Chou University of Science and Technology
Dung Yuan Liao | Chung Chou University of Science and Technology
Shiu Yu Wang | I-Shou University
Yao Tung Lin | Taipei Medical University
Ming Ching Cheng | Chung Chou University of Science and Technology

ICCBES-776
Production of the Matrix Molecule CCN2-Derived Recombinant Protein Fragment: Targeting the Human Lung Carcinomas as a Small Anti-Cancer Protein Agent
Shr-Jeng Jim Leu | National Yang-Ming University
Jung-Sung Sung | Taipei City Hospital
Hung-Yi Chang | National Yang-Ming University
Shiang-Yu Chang | National Yang-Ming University
Chun-Wei Chen | National Yang-Ming University
Chu-Jen Lin | National Yang-Ming University

ICCBES-803
Inhibition of the Phosphatidylinositide 3-Kinase Pathway in Human Breast Cancer Cells by a Withanolide from Golden Berry
Chin-Chung Wu | Kaohsiung Medical University
Hao-Han Hu | Kaohsiung Medical University
Hui-Chun Wang | Kaohsiung Medical University
Yang-Chang Wu | Kaohsiung Medical University

ICCBES-863
Production and Identification of Angiotensin I-Converting Enzyme Inhibitory Sesame Peptides
CHih Wei Chen | Chung Chou University of Science and Technology
Yu Chin Chai | Chung Chou University of Science and Technology
Hsuan Chung Chiu | Chung Chou University of Science and Technology
Chin Yin Tseng | Chung Chou University of Science and Technology
Chi Yue Chang | Chung Chou University of Science and Technology
Ming Ching Cheng | Chung Chou University of Science and Technology
ICEAI-712
On the Spanning 3*-connectivity of the Generalized Petersen Graphs P(n, 3)
Shu-Hao Chang | I-Shou University
Yi-Chieh Shen | Providence University
Jeng-Jung Wang | I-Shou University
Lih-Hsing Hsu | Providence University

ICEAI-726
A New Visual Multi-Secrets Sharing Scheme by Adding Fragments
Justie Su-Tzu Juan | National Chi Nan University
Lu-Chung Chen | National Chi Nan University
Song Guo | The University of Aizu

ICEAI-695
Design Recovery in Relational Database Schemas
Pe-Te Chen | China University of Technology
Poster Session (4)

Natural Sciences / Chemical Sciences

Kyoto Research Park 4F  15:30-16:30  Friday, May 8

ICNSE-1337
Isolation and Characterization of the Lytic Phage SGH of Uropathogenic Escherichia Coli
Nien-Tsung Lin | Tzu Chi University
Syhy-Geng Huang | Tzu Chi University

ICNSE-1420
Characterization of the Acinetobacter Baumannii Glycoprotein A1S_3744
Chiou-Ying Yang | National Chung Hsing University
Zung Yang | National Chung Hsing University
Yueh-Chen Kung | National Chung Hsing University

ICNSE-1299
Antimicrobial Effect of Essential Oils of Some Algerian Plants Against Toxegenic E. Coli O157: H7
Chahid Benammar | University of Tlemcen
Noreddine Benyoub | University of Tlemcen
Barka.M.S | University of Tlemcen

ICNSE-1300
Optical Properties of Sol-Gel Derived ZnMgO Alloy Films
Chin-Hau Chia | National University of Kaohsiung
Sheng-Jie Tzou | National University of Kaohsiung

ICNSE-1345
Layer-by-layer Anchoring of Polyamidoamine Dendrimer and Reduced Graphene Oxide on Thiol-Modified Gold Electrode for Detection of Bisphenol A
Pi-Guey Su | Chinese Culture University
Shin-Feng Hsu | Chinese Culture University
Meng-Shian Tsai | Chinese Culture University
Yu-Te Lin | Chinese Culture University
ICNSE-1352
Effects of Different Irrigation Levels on Growth and Yield of Chinese Lizard Tail
Somyot Detpiratmongkol | King Mongkut’s Institute of Technology Ladkrabang
Somanan Liphan | King Mongkut’s Institute of Technology Ladkrabang
Sommart Yoosukyingsataporn | King Mongkut’s Institute of Technology Ladkrabang

ICNSE-1358
Genistein Combined with L-Asparaginase Induced Cell Apoptosis in Acute Promyelocytic Leukemia HL-60 Cells
Yin-Chen Hsiao | China Medical University
Jing-Gung Chung | China Medical University

ICNSE-1359
The Effects of Anti-Metastasis Activity of Tetrandrine in Glioblastoma Multiforme (GBM 8401) Cells in Vitro
Yi-Wen Jiang | China Medical University
Jing-Gung Chung | China Medical University

ICNSE-1360
Casticin Induces Apoptosis via Regulated Caspase Activity and Cell Cycle Arrest in Human Oral Cancer SCC-4 Cells
Guan-Ling Chou | China Medical University
Jing-Gung Chung | China Medical University

ICNSE-1362
Apigenin Induce Cell Death of Mice Leukemia WEHI-3 Cells via Cell Cycle Arrest and Induce Apoptosis
Cheng-Yen Chen | China Medical University
Jing-Gung Chung | China Medical University

ICNSE-1363
Berberine induces Apoptosis via Increased ROS Level and Induced DNA Damage in B16F10 Melanoma Cell Line
Yu-Wen Chi | China Medical University
Jing-Gung Chung | China Medical University
Wen-Wen Huang | China Medical University
ICNSE-1365
Fisetin Induces Cell Death through the G0/G1 Phase Arrest and Caspase-3-Mediated Apoptosis in Mouse Leukemia WEHI-3 Cells
Yu-Hsiang Tsai | China Medical University
Jing-Gung Chung | China Medical University

ICNSE-1366
Bufalin Induces Cell Death in Human Nasopharyngeal Carcinoma NPC-TW 076 Cells in Vitro through Mitochondria-Dependent Pathway
En-Yun Su | China Medical University
Jing-Gung Chung | China Medical University

ICNSE-1367
Phenethyl Isothiocyanate and Benzyl Isothiocyanate Inhibited Tumor Migration and Invasion via Suppressing Multiple Signal Transduction Pathways in Murine Skin Cancer B16F10 Cells
Jing-Gung Chung | China Medical University
Mei-Due Yang | China Medical University
Yung-Ting Hsiao | China Medical University
Yi-Wen Jiang | China Medical University

ICNSE-1374
The Study of Crude Extract of Rheum Palmatum L Triggers Cell Death in U-2 OS Human Osteosarcoma Cells through the Caspase-Dependent and -Independent Pathways.
Chin-Chung Lin | Feng-Yuan Hospital, Ministry of Health and Welfare
Ming-Huei Lee | Feng-Yuan Hospital, Ministry of Health and Welfare
Jing-Gung Chung | China Medical University

ICNSE-1377
Fabrication and Application of Modified Coconut Oil as Alternative Antimicrobial in Antifungal Preparations
Sukannika Tubtimsri | Silpakorn University
Chutima Limmatvapirat | Silpakorn University
Sontaya Limmatvapirat | Silpakorn University
ICNSE-1386
Determination of Lauric Acid and Its Glycerides in Coconut oil and Modified Coconut Oil Using GC-FID
Juthaporn Ponphaiboon | Silpakorn University
Sirikarn Pengon | Silpakorn University
Amornrat Chaidedgumjorn | Silpakorn University
Sontaya Limmatvapirat | Silpakorn University
Chutima Limmatvapirat | Silpakorn University

ICNSE-1388
Project to Reducing Body Weight of the Patient in Psychiatric Day Care
Chiou-Yu Wu | Kaohsiung Municipal Hsiao-Kang Hospital
Wen-Hsiu Chiang | Kaohsiung Municipal Hsiao-Kang Hospital
Yu-En Sun | Kaohsiung Municipal Hsiao-Kang Hospital

ICNSE-1411
Influence of Chemical Ripener (Fusilade Super) Application on Growth and Yield of Sweet Sorghum
Sommart Yoosukyingsataporn | King Mongkut’s Institute of Technology Ladkrabang
Somyot Detpiratmongkol | King Mongkut’s Institute of Technology Ladkrabang
Tawachai Ubolkerd | King Mongkut’s Institute of Technology Ladkrabang

ICNSE-1456
Prediction of Weaning Outcomes for Brain Injury Patients Using Mechanical Ventilator after Surgery
Hsueh-Yi Lu | National Yunlin University of Science & Technology

ICNSE-1471
Immunological Role of FoxO6 on Dendritic Cells Maturation
Mi Eun Kim | Chosun University
Jun Sik Lee | Chosun University

ICNSE-1473
Anti-inflammatory effect of G. lanceolata on LPS-induced macrophages activation
Mi Eun Kim | Chosun University
Jun Sik Lee | Chosun University
ICNSE-1536
Fermentation of Squid Pen as Food Colorants Absorbers
San-Lang Wang | Tamkang University
Tzu-Wen Liang | Tamkang University
Chih-Ting Huang | Tamkang University

ICNSE-1412
Studies on the Production of Superoxide Dismutase from Saccharomyces Cerevisiae
Yi-Fang Hung | Food Industry Research and Development Institute
Wei-Chang Fu | Food Industry Research and Development Institute
Jinn-Tsyy Lai | Food Industry Research and Development Institute

ICNSE-1540
Gabapentin Activated A Novel Bi-Directional Neuromodulation Circuit between Dorsal Horn and Paraventricular Nucleus in Rat Model of Post-Surgical Pain
Kazi Ahsan Jamil | Universiti Teknologi MARA
Noor Izzah Abd. Rahman | Universiti Teknologi MARA

ICNSE-1554
Semiconductor Nanowires for Biomimetic and Solar Energy Harvesting Applications
Kijung Yong | POSTECH
Junghan Lee | POSTECH
Insung Hwang | POSTECH
Minki Choi | POSTECH

ICCBES-601
Thermal Stability and Surface Properties Cyanate Ester / Barium Metaborate Composites
Memet Vezir Kahraman | Marmara University
Ferhat Şen | Marmara University
Ismail Ilkkan Şentürk | Marmara University

ICCBES-602
Preparation and Properties of Colemanite/Thermoplastic Polyurethane Composites
Seyfullah Madakbaş | Marmara University
Betül Karadoğan | Marmara University
Memet Vezir Kahraman | Marmara University
Ferhat Şen | Marmara University
ICCBES-603
Polymeric Fluorescence Sensor for Bisphenol A
Soner Cubuk | Marmara University
Neşe TAŞÇI | Marmara University
Ece Kök Yetimoğlu | Marmara University
Memet Vezir Kahraman | Marmara University

ICCBES-606
Keratin Containing Nanofiber Scaffolds by Using Uv-Reactive Electrospinning
Duygu Yüksel Deniz | Marmara University
Memet Vezir Kahraman | Marmara University
Serap Erdem Kuruca | Istanbul University
Mediha Süleymanoğlu | Istanbul University

ICCBES-687
UV Curable Urethane Acrylate/Phosphorylated Nano-Diamond Nanocomposites
Ashlı Beyler Çiğil | Marmara University
Emrah Çakmakçı | Marmara University
Memet Vezir Kahraman | Marmara University

ICCBES-786
Dual-Curable Cyanate Ester/Boron Phosphate Composites
Ferhat Şen | Marmara University
Elif Merve Eminoğlu | Marmara University
Memet Vezir Kahraman | Marmara University

ICCBES-919
Theoretical Modelling of Copolymerization Reaction of Cellulose Units with Methyl Acrylate
Suzan Abdurrahmanoğlu | Marmara University
Safiye S. Erdem | Marmara University

ICCBES-923
Synthesis and Characterization of Novel Pyridin Derivatives Co(II) Phthalocyanines
Şaziye Abdurrahmanoğlu | Marmara University
Büşra Mızrak | Marmara University
Poster Session (5)- May 9

Biological Sciences

Kyoto Research Park 4F 09:30-10:30 Saturday, May 9

ICCBES-749
Tetracycline-regulated Candida Albicans Pho85p Expression in Responses of Environmental Changes
Wei-Chung Lai | National Chung-Hsing University
Hsiao-Fang Sun | National Cheng Kung University
Ho Lin | National Chung-Hsing University
Jia-Ching Shieh | Chung Shan Medical University

ICCBES-756
Suberoylanilide Hydroxamic Acid, a Histone Deacetylase Inhibitor, Attenuates Microglia Activation Following Peripheral Inflammation
Ya-Ping Chen | Changhua Christian Hospital
Hung-Ming Wu | Changhua Christian Hospital

ICCBES-758
Thrombin Induces Connective Tissue Growth Factor Expression via PI3K, AKT, and C/EBPB Pathway in Human Lung Fibroblasts
Hung-Sheng Hua | Taipei Medical University
Yi-Ting Huang | Taipei Medical University
Bing-Chang Chen | Taipei Medical University
Chien-Huang Lin | Taipei Medical University

ICCBES-772
Identification of Novel Genes Associated with High Litter Size from Pig Placenta
Seul Gi Kwon | Gyeongnam National University
Jeongim Ha | Gyeongnam National University
Jung Hye Hwang | Gyeongnam National University
Da Hye Park | Gyeongnam National University
Tae Wan Kim | Gyeongnam National University
Deok Gyeong Kang | Gyeongnam National University
Sam Woong Kim | Gyeongnam National University
Chul Wook Kim | Gyeongnam National University
ICCBES-778
Isolation, Characterization and Biocontrol of Streptomyces and Its Potential as Plant Growth Promoting Agents
Thayat Sriyapai | Srinakharinwirot University
Peechapack Somyoonsap | Srinakharinwirot University
Kittiya Sangpakdeea | Srinakharinwirot University
Arin Ngamniyom | Srinakharinwirot University
Kun Silprasit | Srinakharinwirot University
Wirongrong Duangjai | Srinakharinwirot University

ICCBES-779
Optimization of Polybutylene Succinate (PBS)-Degrading Enzyme Production from Saccharothrix sp. Strain APL5
Peechapack Somyoonsap | Srinakharinwirot University
Thayat Sriyapai | Srinakharinwirot University
Somjai Siripoke | Srinakharinwirot University
Kosum Chansiri | Srinakharinwirot University

ICCBES-782
Idarubicin Is a Broad-Spectrum Enterovirus Replication Inhibitor That Selectively Targets the Virus Internal Ribosomal Entry Site
Szu-Hao Kung | National Yang-Ming University
Hsin-Yu Hou | National Yang-Ming University
Cheng-Wen Lin | China Medical University

ICCBES-785
Macrophages from Diabetic Patients Induce E-Selectin Expression via CC Chemokine Receptors 3 and 5 in Endothelial Cells
Yu-Hua Chen | National Chiayi University
Wan Jung Li | National Chiayi University
Hsin-I Chang | National Chiayi University
Cheng-Nan Chen | National Chiayi University

ICCBES-801
Sentrin-Specific Protease 2 Substrate Recognition and Activity Regulation and Its Role in TGF-Beta Signaling
Che-Chang Chang | Taipei Medical University
Hsiu-Ming Shih | Academia Sinica
ICCBES-814
Cyclo(Phe-Pro) Induces DNA Damage Response and Cell Viability in INT-407 Cells
Ha Yan Jeong | Sogang University
Kwang Hyun Lee | Sogang University
Bong-Gun Ju | Sogang University
Kun-Soo Kim | Sogang University

ICCBES-819
Isolation and Screening Acid-Tolerant Microbes from Soil for Organic acids Production
Siao-Jhen Chen | Food Industry and Development Institute
Hsun-Yin Hsu | Food Industry and Development Institute
Wen-Bin Lin | Food Industry and Development Institute
Chiao-Ming Liao | Food Industry and Development Institute
Kai-Ping Chen | Food Industry and Development Institute
Yi-Jen Yech | Food Industry and Development Institute
Mei-Huei Chen | Food Industry and Development Institute
Yen-Lin Chen | Food Industry and Development Institute

ICCBES-820
Jmjd3 Histone H3K27 Demethylase Regulates Expression of Matrix Metalloproteinase Genes during Disruption of Blood Spinal Cord Barrier
Soon Ki Hong | Sogang University
Wonho Na | Sogang University
Jee Youn Lee | Sogang University
Tae Young Yune | Sogang University
Bong-Gun Ju | Sogang University

ICCBES-821
Screening and Evaluating of Carboxylic Acid Production from Microorganism for Bulk Chemicals Applications
Hsun-Yin Hsu | Food Industry and Development Institute
Siao-Jhen Chen | Food Industry and Development Institute
Wen-Bin Lin | Food Industry and Development Institute
Chiao-Ming Liao | Food Industry and Development Institute
Kai-Ping Chen | Food Industry and Development Institute
Yi-Jen Yech | Food Industry and Development Institute
Mei-Huei Chen | Food Industry and Development Institute
Yen-Lin Chen | Food Industry and Development Institute
ICCBES-825
Salinity Effects on Na+:K+ Ratios in Local Thai Rice Oryza Sativa L.
Nattaya Tantipirim | Chulalongkorn University
Noppakhun Khunpolwatana | Chulalongkorn University
Apichat Imyim | Chulalongkorn University
Teerapong Buaboocha | Chulalongkorn University
Monnat Pongpanich | Chulalongkorn University
Supachitra Chadchawan | Chulalongkorn University

ICCBES-837
Involvement of Casein Kinase 2 and P300 in Endothelin-1-Induced Connective Tissue Growth Factor Expression in Human Lung Fibroblasts
Chien-Huang Lin | Taipei Medical University
Chi Lo | Taipei Medical University
Hong-Sheng Lee | Taipei Medical University
Bing-Chang Chen | Taipei Medical University

ICCBES-853
Isolation of an AGAMOUS Homolog from Cycas
Pattamon Sangin | Naresuan University
Akira Kanno | Tohoku University
Shosei Kubota | The University of Tokyo

ICCBES-880
Synthesis and Anti-Cancer Evaluation of Enantiopure Gold(I) Diphosphine Complexes
Bin-Bin Li | Nanyang Technological University
Pak-Hing Leung | Nanyang Technological University

ICCBES-882
Inhibition of RNA Transportation Induces Glioma Cell Apoptosis via Downregulation of RanGAP1 Expression
Tsung-Yao Lin | Taipei Medical University
Chwen-Ming Shih | Taipei Medical University
ICCBES-886
Targeting Carcinoembryonic Antigen-Related Cell Adhesion Molecule 6 (CEACAM6) Suppresses Oral Squamous Cell Carcinoma Invasion by Modulating Cytoskeleton Reorganization
Wei-Fan Chiang | Chi-Mei Medical Center
Wan-Lin Tsui | Taipei Medical University
Ming-Heng Wu | Taipei Medical University

ICCBES-901
Regulation of Hepcidin Expression by Erythroblast Conditioned Media
Janejira Jaratsittisin | Mahidol University
Wannapa Sornjai | Mahidol University
Kornpat Khungwanmaythawee | Mahidol University
Saovaros Svasti | Mahidol University
Suthat Fucharoen | Mahidol University
Sittiruk Roytrakul | National Center for Genetic Engineering and Biotechnology
Duncan R. Smith | Mahidol University

ICCBES-902
The Expression of Ferroportin in Beta-Thalassemia/HbE Erythroblasts
Wannapa Sornjai | Mahidol University
Janejira Jaratsittisin | Mahidol University
Kornpat Khungwanmaythawee | Mahidol University
Saovaros Svasti | Mahidol University
Suthat Fucharoen | Mahidol University
Duncan R. Smith | Mahidol University

ICCBES-904
Environmental Stress Response Modulated by Coordination of Subdomain Methylation and Phosphorylation in Sensor Kinase RsbK of Bacillus Cereus
Jung-Chi Chen | National Kaohsiung Normal University
Chien-Cheng Chen | National Kaohsiung Normal University
ICEAI-671
New Configuration for Realizing Universal Voltage-Mode Universal Filter with Two Inputs and Four Outputs Employing Two Differential Difference Current Conveyors
Hua-Pin Chen | Ming Chi University of Technology
Wei-Yen Huang | Ming Chi University of Technology

ICEAI-672
Tunable Versatile Current-Mode Universal Biquadratic Filter Using Dual-Output Current Conveyors and All-Grounded Passive Components
Hua-Pin Chen | Ming Chi University of Technology
Wei-Yen Huang | Ming Chi University of Technology
Chin-Cheng Lin | Ming Chi University of Technology

ICEAI-673
Electronically Tunable Voltage-Mode Quadrature Oscillator Using Single Differential Difference Current Conveyor Transconductance Amplifier
Hua-Pin Chen | Ming Chi University of Technology
Chin-Cheng Lin | Ming Chi University of Technology
Chi-Hung Wu | Ming Chi University of Technology
ICEAI-689
Real-Time Inspection of Degradation of Solar Cells Using Optical Coherence Tomography
Chia-Chu Wang | Chang Gung University
Feng-Yu Chang | Chang Gung University
Bo-Huei Huang | Chang Gung University
Yan-Jyun Hu | Chang Gung University
Chun-Chieh Wang | Chang Gung University
Tzu-Hao Hsiung | Chang Gung University
Meng-Tsan Tsai | Chang Gung University
Liguo Wu | Taiwan Solar Energy Corporation

ICEAI-711
Study on Microneedles-Assisted Drug Delivery in Skin with Optical Coherence Tomography
Yu-Chuan Chiu | Chang Gung University
Zhung-Fu Lee | Chang Gung University
Feng-Yu Chang | Chang Gung University
Ting-Yen Tsai | Chang Gung University
I-Chi Lee | Chang Gung University
Chun-Chieh Wang | Chang Gung University
Jiann-Der Lee | Chang Gung University
Meng-Tsan Tsai | Chang Gung University

ICEAI-725
Sample and Hold Circuit for Average Current Mode Control
Yang-Lin Chen | National Taiwan University
Yaow-Ming Chen | National Taiwan University

ICEAI-771
Directional Bending Sensor Based on a Flat-Clad Fiber Mach–Zehnder Interferometer
Kai-Wen Liu | National United University
Cheng-Ling Lee | National United University
ICCBES-714
The Information Collection of Migratory Bird Poaching by SNS in China
Keji Sun | Keio University
Tomohiro Ichinose | Keio University
Hiroyoshi Higuchi | Keio University

ICCBES-726
Development of Root Buds in Menyanthes Trifoliata L.
Jinok Heo | Seoul National University
Jae Geun Kim | Seoul National University

ICCBES-727
Effects of Planting in Constructed Wetlands on Initial Process of Vegetational Change
Ho Choi | Seoul National University
Bo Eun Nam | Seoul National University
Jae Geun Kim | Seoul National University
Yeon Jae Bae | Korea University

ICCBES-728
Potential of Herb Species in Removal of PCDD/Fs from the Contaminated Soil
Yu-Ming Wu | Cheng-Shiu University
Shan-Mei Chen | Cheng-Shiu University
Lei Yang | National Sun Yat-sen University

ICCBES-767
Photocatalytic Reduction of CO² by Ag Doped-TNTs in MEA Solution
Hung-Yu Wu | National Chiao Tung University
Jeffrey C.S. Wu | National Taiwan University
Hsunling Bai | National Chiao Tung University

ICCBES-850
Late Holocene Paleoenvironmental Reconstructions of Central Eastern Coast, Korea
Rhak Yeon Choi | Seoul National University
Jae Geun Kim | Seoul National University
ICCBES-877
Determination of VOCs in Environmental Samples by Purge and Trap-Gas Chromatography Mass Spectrometry
Apinya Navakhun | Burapha University
Anurak Chankaew | Burapha University
Chartchai Malaphong | Burapha University

ICCBES-898
Two Types of $^{137}$Cs Vertical Distribution in the Bottom Sediments the Kara Sea Marginal Filter
A. Yu. Miroshnikov | Russian Academy of Sciences

ICNSE-1344
Mechanical Properties and Thermal Stability of Ultrathin Germanium Nanowires
Ken-Huang Lin | National Sun Yat-sen University
Shin-Pon Ju | National Sun Yat-sen University & Kaohsiung Medical University
Jui-min Lai | National Sun Yat-sen University

ICNSE-1354
Age Estimation on Facial Images
Hsiao Wei Chang | China University of Science Technology
Yue Sheng Li | Tamkang University
Hwei Jen Lin | Tamkang University

ICNSE-1361
Physical and Electrical Characterizations of Bacterial Cells with Nanowire Arrays
Hyun-Ha Park | Ulsan National Institute of Science and Technology (UNIST)
Hoon Yi | Ulsan National Institute of Science and Technology (UNIST)
Hangil Ko | Ulsan National Institute of Science and Technology (UNIST)
Minho Sung | Ulsan National Institute of Science and Technology (UNIST)
HoonEui Jeong | Ulsan National Institute of Science and Technology (UNIST)

ICNSE-1373
Recycling of Cement-Stabilized MSWI Fly Ash in Concrete Brick
Yi-Chieh Lai | Cheng Shiu University
Guo-Ping Chang-Chien | Cheng Shiu University
Ying-Liang Chen | National Cheng Kung University
Ming-Sheng Ko | National Taipei University of Technology
ICNSE-1379
**LED Lighting Integrated with Colloidal Quantum Dots Enhanced Panel (QDEP) for High Color Rendering**
Min-Sang Lee | *Ecolumy Co.,Ltd.*
Bheong-Hwa Moon | *DSM Co.,Ltd.*
Young-Ki Lee | *Uiduk University*

ICNSE-1380
**Study on the Development of Virtual Deformation and Strain Gauge Using the Digital Image Correlation Methods**
Kyung Min Hong | *Chonbuk National University*
Young June Kang | *Chonbuk National University*
In Young Choi | *Chonbuk National University*
Seong Jong Kim | *Chonbuk National University*

ICNSE-1391
**Changes in Pore Size Distribution with Varying Number of Impregnations in Bulk Graphite Manufacturing**
Sang-Min Lee | *Kumoh National Institute of Technology*
Dong-Su Kang | *Kumoh National Institute of Technology* Carbolab co., Ltd.
Woo-Suk Kim | *Carbolab co., Ltd.*
Jae-Seung Roh | *Kumoh National Institute of Technology*
Young-Min Hwang | *Kumoh National Institute of Technology*

ICNSE-1392
**Crystalline Change of Carbon Black as a Function of the Heat Treatment Temperature**
Seong-Moon Oh | *Kumoh National Institute of Technology*
Dong-Su Kang | *Kumoh National Institute of Technology*
Jong-Bok Kim | *Kumoh National Institute of Technology*
Suk-Hwan Kim | *Kumoh National Institute of Technology*
Jae-Seung Roh | *Kumoh National Institute of Technology*
ICNSE-1393

Flexural Strength of a Joined Graphite Block with Phenol Resin

Un-Gyeong Baek | Kumoh National Institute of Technology
Dong-Su Kang | Kumoh National Institute of Technology
Sang-Min Lee | Kumoh National Institute of Technology
Sang-Woo Lee | Kumoh National Institute of Technology
Jae-Seung Roh | Kumoh National Institute of Technology
Poster Session (7)

Engineering / Industrial Engineering
Kyoto Research Park 4F  13:30-14:30  Saturday, May 9

ICNSE-1394
Shape and Composition Analysis of Carbon Black Recycled from Waste Tires
Dong-Su Kang  |  Kumoh National Institute of Technology
Sang-Min Lee  |  Kumoh National Institute of Technology
Seong-Moon Oh  |  Kumoh National Institute of Technology
Jae-Seung Roh  |  Kumoh National Institute of Technology

ICNSE-1396
Energy Band Gap Determination from Diffuse Reflectance Measurements of Synthesized Titanium Dioxide Nanotube Arrays Using the Anodisation Process
Waramon Langlar  |  Srinakharinwirot University
Areeya Aeimbhu  |  Srinakharinwirot University

ICNSE-1398
Exploring the Percentage of Suspected Femoroacetabular Impingement Patients by Radiographic Analysis in a Regional Hospital of Central Taiwan
Jian-Horng Chen  |  Chung Shan Medical University
Kai-Ling Chang  |  Taichung Hospital, Ministry of Health and Welfare
Chung-Liang Lai  |  Taichung Hospital, Ministry of Health and Welfare

ICNSE-1402
Reduction of Noise for Ceiling Fan
Jonq-Chin Hwang  |  National Taiwan University of Science and Technology
Chuan-Sheng Liu  |  National Formosa University
L. R. Chen  |  National Changhua University of Education
Chao-Ming Wu  |  National Formosa University

ICNSE-1413
Development of Audio Enhancement Algorithm in Reverberant Environments
Shyang-Jye Chang  |  National Yunlin University of Science and Technology
Hung-Wei Hsieh  |  National Yunlin University of Science and Technology
ICNSE-1425
Real Time Interferometric Measurement of Surface Profile by Using Liquid Crystal Birefringent Devices
Kuo-Chen Lang | Nan-Kai University of Technology
Hui-Kang Teng | Nan-Kai University of Technology
Zu-Jia Li | Nan-Kai University of Technology

ICNSE-1427
Real Time Ellipsometric Measurement with Common Path Heterodyne Interferometer
Hui-Kang Teng | Nan-Kai University of Technology
Kuo-Chen Lang | Nan-Kai University of Technology

ICNSE-1429
High Performance Ionic Liquid Based PVDF-CTFE Actuators with Corrugate Surfaces
Jun-Hong Lin | National Kaohsiung University of Applied Sciences
Mine-Tse Lee | National Kaohsiung University of Applied Sciences

ICNSE-1437
Kinetic Model for Enzymatic Hydrolysis of Lignocellulosic Biomass in the Heterogeneous System
Chun-Yao Yang | National Chung Hsing University
Tony J. Fang | National Chung Hsing University

ICNSE-1478
Polydopamine-Induced Carbon Nanowire Arrays for Stretchable Wire-type Supercapacitors
Wonoh Lee | Korea Institute of Materials Science
Youngseok Oh | Korea Institute of Materials Science

ICNSE-1547
A Study on Ventilation Efficiency of Horizontal Laminar Flow
Yulieh Wu | National Chin-Yi University of Technology
Chiamin Chu | National Chin-Yi University of Technology
Enhanced Performance of Branched TiO2 Nanorod Based MnCdS/MnCdSe Quantum Dot-Sensitized Solar Cell
Soo-Kyoung Kim | Pusan National University
Hee-Je Kim | Pusan National University

Competitiveness of India’s Software Industry: A Macro Level Analysis
Prashant Vithal Kadam | Goa University

Performance Analysis of Multi-Level Tamper Detection and Recovery with Tamper Type Identification
Chao-Ming Wu | National Formosa University

Green Synthesis of n-Octyl Salicylate by Solid-Liquid Phase-Transfer Catalysis with Ionic Liquid under Ultrasound
Hung-Ming Yang | National Chung Hsing University
Chi-Yuan Tu | National Chung Hsing University

Develop a Frontier Based Fuzzy Multi-Objective Genetic Algorithm for Flow Shop Scheduling Problems with Fuzzy Due Date
Chen-Hao Liu | Kai-Nan University
Yen-Wen Wang | Chien-Hsin University of Science and Technology

Development of a Reverse Batch Micro W-EDM Technique with High-Frequency Vibration Assisted Machining
Shun-Tong Chen | National Taiwan Normal University
Chi-Yu Hung | National Taiwan Normal University

Development of a Micro Diamond Tool by Using the Laboratory-Designed High-Precision CNC Machine Tool
Shun-Tong Chen | National Taiwan Normal University
Sheng-Yu Shih | National Taiwan Normal University
ICEAI-702
Development of a High-Speed Reciprocating Feeding Device with Mechanically Driven
Shun-Tong Chen | National Taiwan Normal University
Yung-Hung Tung | National Taiwan Normal University

ICEAI-703
The Effects of Replacement Time and Preventive Maintenance Policy for Device Replacement within Usage Time
Wen Liang Chang | Cardinal Tien Junior College of Healthcare & Management

ICEAI-785
Development of a Novel RC Relaxation Circuit for Micro W-EDM
Shun-Tong Chen | National Taiwan Normal University
Chi-Hung Chen | National Taiwan Normal University

ICEAI-783
Development of a High-Speed Dual-Spindle Grinding Machine for Speedy Grinding LED Probe Made of Tungsten Carbide
Chia-Hao Lien | National Taiwan Normal University
Shun-Tong Chen | National Taiwan Normal University
Poster Session (8)

Chemical Sciences

Kyoto Research Park 4F  15:30-16:30  Saturday, May 9

ICCBES-629
Polymeric Hard-Coat Material Comprising Well-Distributed Silica Nanoparticles in Acrylic Matrix
Raymond C. Tsiang | National Chung Cheng University
You-Ming Wang | National Chung Cheng University
Yu-Chieh Yen | National Chung Cheng University
Jia-Rong Zou | National Chung Cheng University
Tsai-Ting Hsu | National Chung Cheng University

ICCBES-674
Cellulose Nanocrystal Nanocomposites for Polyurethane Elastomer
Nam-Kyun Kim | Korea Research Institute of Chemical Technology
Sangjun Lee | Korea Research Institute of Chemical Technology
Young-Wun Kim | Korea Research Institute of Chemical Technology
Kunwoo Chung | Korea Research Institute of Chemical Technology
Jihoon Shin | Korea Research Institute of Chemical Technology

ICCBES-680
DNA-Mediated Charge Transport in Hydrated Ionic Liquids
Shuguang Xuan | Nanyang Technological University
Fangwei Shao | Nanyang Technological University

ICCBES-702
Improved Carrier Particle Stability with Controlled Surface Roughness for Dry Powder Inhalation
Raymond Lau | Nanyang Technological University
Fengying Zhang | Nanyang Technological University
ICCBES-722
A New Macrocyclic Lactone as a Potent Inhibitor of Candida Albicans Isocitrate Lyase from a Marine Actinomycete Streptomyces sp. CNQ343
Heegyu Kim | Seoul National University
Kyoho Moon | Seoul National University
So-Hyoung Lee | Seoul National University
Jongheon Shin | Seoul National University
Dong-Chan Oh | Seoul National University
Ki-Bong Oh | Seoul National University

ICCBES-723
Isolation and Biological Activity of Alkaloidal Metabolites from Marine-Derived Aspergillus sp. Fungus
Beom Koo Chung | Seoul National University
Lijuan Liao | Seoul National University
Minjung You | Seoul National University
Dong-Chan Oh | Seoul National University
Jongheon Shin | Seoul National University
Ki-Bong Oh | Seoul National University

ICCBES-734
Suvanine Sesquiterpenes, Potent Inhibitors of Isocitrate Lyase in the Glyoxylate Cycle, from a Tropical Sponge Coscinodera sp.
Chan Hong Ahn | Seoul National University
Tae Hyung Won | Seoul National University
So-Hyoung Lee | Seoul National University
Heegyu Kim | Seoul National University
Jongheon Shin | Seoul National University
Ki-Bong Oh | Seoul National University

ICCBES-829
Large Pore Silica Modified With 3-Mercaptopropyltrimethoxysilane for Adsorption of Silver Nanoparticles and Silver Ions
Uma Pongkitdachoti | Chulalongkorn University
Fuangfa Unob | Chulalongkorn University
ICCBES-831
Novel Effective Co-surfactant Mediated Self-Assembled Nanoparticles
(Gd3+/SDS/HEPES) Enable Enhanced Stability of Curcumin for Friendly Clinical
Applications
Boosayarat Tomapatanaget | Chulalongkorn University
Chonticha Sahub | Chulalongkorn University

ICCBES-840
Effects of Inorganic Salts on the Morphologies of the Sodium Dodecyl Sulfate Films
Maw-Tien Lee | National Chiayi University
Zih-Yao Shen | National Chiayi University

ICCBES-846
Supercritical Carbon Dioxide Extraction of Fragrance Ingredients in Ylang-Ylang
Cananga Odorata
Masafumi Yoshida | Tokyo City University
Miho Matsuhashi | Tokyo City University
Kinuko Niihara | Tokyo City University
Shio Murakami | Tokyo City University
Surendra Prasad | Tokyo City University

ICCBES-862
The Reduction of the Metal Nitrates by Ethyleneglycole and Glycerine in Hydrothermal
Conditions.
Bahattin Yalcin | Marmara University
Perizat Fatullayeva | Marmara University
Sabira Agayeva | Marmara University
Mirheydar Abbasov | Marmara University
Sevil Jafarova | Marmara University
Ajdar Akbar Medjidov | Marmara University

ICCBES-894
Photophysical Properties of D-\(\pi\)-A-\(\pi\)-D Derivatives for Small Molecular Organic
Photovoltaic (SM-OPV) Solar Cells : A DFT and TD-DFT Investigation
Bo-Cheng Wang | TamKang University
Chin-Kuen Tai | TamKang University
Wen-Hua Cheng | TamKang University
Ke-Hao Chang | TamKang University
ICCBES-895
Synthesis and Biological Evaluation of Benzocoumarin Derivatives as Human Monoamine Oxidase A and B Inhibitors
Ozkan Danis | Marmara University
Basak Yuce-Dursun | Marmara University
Serap Demir | Marmara University
Mustafa Muhlis Alparslan | Cukurova University
Ayse Ogan | Marmara University

ICCBES-896
Synthesis, Characterization and Investigation of Their DNA-Binding Properties of Novel Phthalocyanines
Basak Yuce-Dursun | Marmara University
Ali Sadi Basak | Marmara University
Ozkan Danis | Marmara University
Soner Cubuk | Marmara University
Gamze Cakirca | Marmara University

ICCBES-909
Gas-Phase Synthesis of Functional Nanoparticles for Biomedical and Energy Applications
Chao-Shun Lai | National Tsing Hua University
Jui-Ting Tai | National Tsing Hua University
Hsiao-Fang Wang | National Tsing Hua University
Rong-Ming Ho | National Tsing Hua University
De-Hao Tsai | National Tsing Hua University

ICCBES-958
Stereoelectronic and Catalytic Properties of Chiral Cyclometalated Phospha-Palladium and –Platinum Complexes
Yu-Xiang Jia | Nanyang Technological University
Pak-Hing Leung | Nanyang Technological University
Free Kimono Experience
(provided by Higher Education Forum/WABIKAE)

10 Minutes per person

Date: May 8, 2015
Time: 11:00-12:30/ 13:30-17:00

*On-site sign up at the WABIKAE counter

* Please note that if you would like to experience Kimono with Japanese shoes (Zori), Japanese socks (Tabi) are necessary.

Socks are required for hygiene reason (300 JPY/pair)

* You can wear WABIKAE Kimono over your clothes