

Conference Program

November 2013
Osaka, Japan

LSBE

International Conference on
Life Science & Biological Engineering

ISBSS

International Symposium on
Business and Social Sciences

ACCMES

Asian Conference on
Civil, Material and Environmental Sciences

ICEAS

International Conference on
Engineering and Applied Science

ISLLLE

International Symposium on
Language, Linguistics, Literature and Education

General Information for Participants

Information and Registration

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

Wednesday, November 6, 2013 (15:00-17:00)

Thursday, November 7, 2013 (08:15-17:30)

Friday, November 8, 2013 (08:15-16:00)

Parallel Sessions

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

Presentations and Equipment

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

A Polite Request to All Participants

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



Sandals or Slippers



Tank Top



Shorts

Poster Sessions & Poster Requirements

Materials Provided by the Conference Organizer:

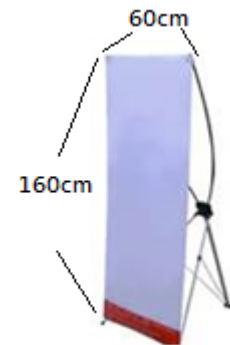
1. X-frame display & Base Fabric Canvases (60cm×160cm)
2. Adhesive Tapes or Clamps


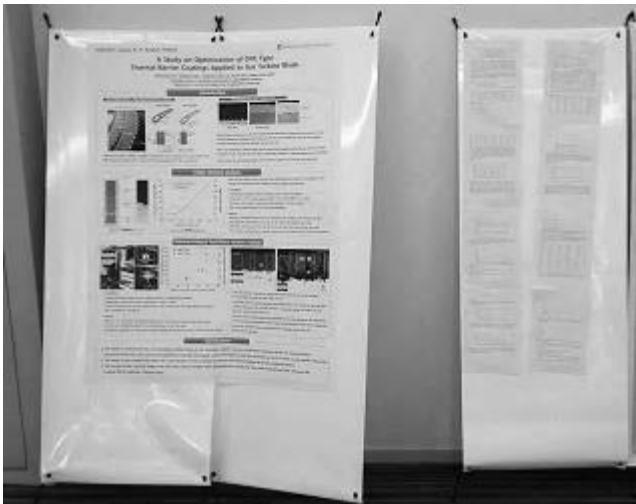
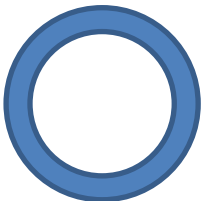
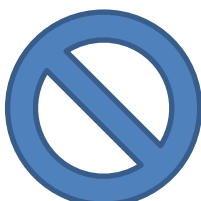
Materials Prepared by the Presenters:

1. Home-made Poster(s)

Requirement for the Posters:

1. Material: not limited, can be posted on the canvases
2. Size: 60cm*160cm



	
<p>A 60cm*160cm Poster Illustrates the research findings.</p>	<ol style="list-style-type: none"> 1. Wider than 60cm (left) 2. Copy of PowerPoint Slides in A4 papers (right)
	

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Conference Schedule

Wednesday, November 6, 2013

Pre-Registration (15:00-17:00)

RIHGA Royal Hotel Osaka (6F)

Thursday, November 7, 2013

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

Time	Information
08:15-17:30	Registration
08:45-10:15	Oral Session Suehiro, Linguistics I
	Oral Session Koubai, Business II
	Oral Session Hagoromo, Environmental Sciences V
	Oral Session Nishiki, Mechanical Engineering II
	Oral Session Takara, Biological Engineering II
10:15-10:30	Tea Break
10:30-12:00	Oral Session Suehiro, Language II & Linguistics II
	Oral Session Koubai, Culture & Psychology & Sociology
	Oral Session Hagoromo, Environmental Sciences VI & Geosciences and Petroleum Engineering
	Oral Session Nishiki, Mechanical Engineering III
	Oral Session Takara, Life Sciences VI
12:00-13:00	Lunch Time
13:00-14:30	Oral Session Suehiro, Literature I
	Oral Session Koubai, Management II
	Oral Session Hagoromo, Material Sciences and Engineering III
	Oral Session Nishiki, Computer and Information Sciences IV
	Oral Session Takara, Biomedical Engineering II
14:30-14:45	Tea Break
14:45-16:15	Oral Session Suehiro, Education II & Literature II
	Oral Session Koubai, Chemical Engineering II & Fundamental and Applied Science II
	Oral Session Hagoromo, Electrical and Electronic Engineering II
	Oral Session Nishiki, Compute and Information Sciences V
	Oral Session Takara, Life Sciences VII
16:15-16:30	Tea Break
16:30-18:00	Oral Session Suehiro, Education III
	Oral Session Koubai, Chemical Engineering III & Material Engineering III
	Oral Session Hagoromo, Civil Engineering II

Poster Session

Time	Information
08:15-17:30	Registration
09:00-10:00	Poster Session Ougi, Biomedical Engineering
10:15-10:30	Tea Break
11:00-12:00	Poster Session Ougi, Biological Engineering Life Sciences II Fundamental and Applied Sciences
12:00-13:00	Lunch Time
13:00-14:00	Poster Session Ougi, Life Sciences III
14:30-14:45	Tea Break
15:00-16:00	Poster Session Ougi, Civil Engineering Environmental Sciences Life Sciences IV

Saturday, November 9, 2013

Executive Committee Meeting (Committee Only)

Conference Venue Information

RIHGA Royal Hotel Osaka

5-3-68 Nakanoshima, Kita-ku, Osaka 530-0005 Japan

Phone: +81 (0)6-6448-1121 Fax: +81 (0)6-6448-4414

Website: <http://www.rihga.com/osaka/>

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

How to get to RIHGA Royal Hotel Osaka

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

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

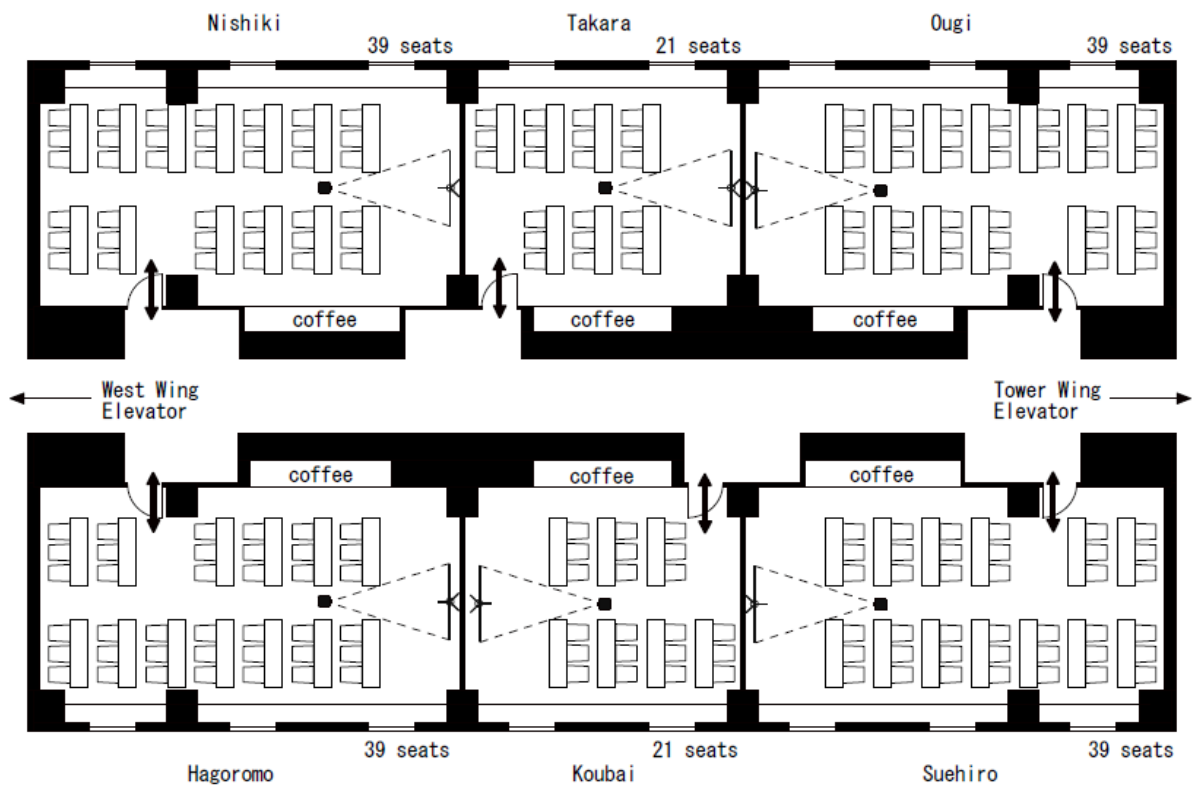


Alternatively, board the Osaka-bound bus from bus terminal number five on the first floor of the airport. Get off at Herbis Osaka, then take a taxi or the free shuttle bus from JR Osaka station as above.

You can also catch a taxi. The ride is approximately 60 minutes and costs about 18,000 yen.

RIHGA Royal Hotel Floor Plan (6F)

6 F Meeting Rooms



Oral Sessions Agenda

Education I

Suehiro

08:45~10:15

Thursday, November 7

Session Chair: *Prof. Nirattaya Khamsemanan*

ISLLLE-202

CESMath: An Intelligent Web-based Application for Mathematical Education with Free-Answer Questions and Personalization

Nirattaya Khamsemanan *Thammasat University*

Cholwich Nattee *Thammasat University*

Pornchai Inchai *IPST*

ISLLLE-203

A Development of the Teachers' Sense of Efficacy Scale, Thai version

Natthapol Jaengaksorn *Chulalongkorn University*

ISLLLE-245

Human Resource Development for Online Reservation of Hotels and Resorts in Thailand

Warrapojn Panrod *Prince of Songkla University*

ISLLLE-333

The Influence of Organizational Experiences and Career Satisfaction on Computer Teachers at Siam Business Administration Nonthaburi Technological College (SBAC Nonthaburi): A Case Study

Theerapath Prawatrungruang *North Bangkok University*

ISLLLE-779

The Appropriacy of Texts in The Last Two Midterm Exams of Dbe/Metu with Respect to Epe Reading Texts

Zeynep Nur İşler *Middle East Technical University*

Nazife Duygu Bagci *Middle East Technical University*

ISBSS-1340

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

Kenneth Kwan Pang Chan

Doshisha University

Oral Sessions Agenda

Management I

Koubai

08:45~10:15

Thursday, November 7

Session Chair: *Prof. Shelly Jose*

ISBSS-482

Techniques of Logistics Management Affecting the Logistics Efficiency of the Electronics Parts Industry in Thailand : A Case of Manufacturers in the Industrial Promotion Zone, the Area of Prathumtani and Ayatthaya Province

Phat Pisitkasem

Rangsit University

ISBSS-498

The Contextual influence in Organizational Behavior - A review

Shelly Jose

Rajagiri College of Social Sciences

ISBSS-1362

A Study of the Appropriate Supply Chain Management to Support the Expansion of Oil Palm Plantation in Pakpanang Basin and Adjacent Area in Nakhonsithammarat Thailand.

Boontaree Chanklap

Walailak University

ISBSS-1333

Using volunteered geographic information of social networking website for spatial management of tourism

Meng-Lung Lin

Aletheia University

Chien-Min Chu

Chinese Cultural University

Chiung-Hsu Liu

Aletheia University

Oral Sessions Agenda

Civil Engineering I

Hagoromo

08:45~10:15

Thursday, November 7

Session Chair: *Prof. Hansoo Kim*

ACCMES-1041

A Survey of Malaysian Contractors on Construction Claim Problems

Nor Azmi Bakhary *Universiti Teknologi MARA*

Noor Akmal Adillah Ismail *Universiti Teknologi MARA*

Hamimah Adnan *Universiti Teknologi MARA*

Azmi Ibrahim *Universiti Teknologi MARA*

ACCMES-1038

Sustainable Tourism Management to Adopt the Climate Change with High Resolution Geospatial Data in Alishan, Taiwan

Teng-To Yu *National Cheng Kung University*

Han-Chou Tseng *Alishan National Scenic Administrator Office*

Chao-Shi Chen *National Cheng Kung University*

ACCMES-1109

Structural Methods to Reduce Differential Column Shortening in Tall Buildings

Hansoo Kim *Konkuk University*

Seunghak Shin *Konkuk University*

ACCMES-1005

Environmental Spill and Fire Protection Challenges for Road and Rail Truck – Loading and Unloading Facility

Reynaldo Dimla Velasco *Fluor Corporation-Filinvest Alabang*

Medeline Pangilinan *Fluor Corporation-Filinvest Alabang*

Eric Tanjutco *Fluor Corporation-Filinvest Alabang*

John Russell Ramirez *Fluor Corporation-Filinvest Alabang*

ICEAS-1852

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

Tapash Kumar Roy

Bengal Engineering & Science University, shibpur

Oral Sessions Agenda

Computer and Information Sciences I

Nishiki

08:45~10:15

Thursday, November 7

Session Chair: *Prof. Yen-Liang Chen*

ICEAS-1597

Mining Temporal Patterns with Time-Intervals

Yen-Liang Chen

National Central University

ICEAS-1604

Application of a Neural Network and a Regression Model to Predict the Gender of a Crab

Wang Yu Cheng

Feng Chia University

Toly Chen

Feng Chia University

ICEAS-1643

Novel Identity-Based Key-Insulated Strong Designated Verifier Signature Scheme

Han-Yu Lin

National Taiwan Ocean University

Chi-Kuang Yeh

National Taiwan Ocean University

ICEAS-1704

Mining Fuzzy Association Rules from Concept Hierarchy

Wang Chein-Hua

Yuan Ze University

Pang Chin-Tzong

Yuan Ze University

ICEAS-1762

Delay Effect on Homogeneous and Heterogeneous Traffic in Optical Burst Switched Network

Suriani Mohd Sam

University Technology Malaysia

Hamdan Sayuti

University Technology Malaysia

Norsheila Fisal

University Technology Malaysia

Norliza Mohamed

University Technology Malaysia

Oral Sessions Agenda

Life Sciences I

Takara

08:45~10:15

Thursday, November 7

Session Chair: *Prof. Supaporn Lamlerththon*

LSBE-573

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

Aruna Prasopthum *Mahidol University*

Songklod Sarapusit *Burapha University*

Pornpimol Rongnoparut *Mahidol University*

LSBE-732

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

Supaporn Lamlerththon *Naresuan University*

Prankthip Intarapaichit *Naresuan University*

Anan Ounaroorn *Naresuan University*

LSBE-1094

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

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

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

Germán Arango *Clínica Palermo*

José Hernando Morales *Clínica Palermo*

LSBE-641

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

Salah Mosbah Bensaber	<i>University of Tripoli</i>
Abdulfatah Mosbah Gbaj	<i>University of Tripoli</i>
Mousa Ibraheem Joaeda	<i>University of Tripoli</i>
Ibraheem A. Mrema	<i>University of Tripoli</i>
Hager A. Allafe	<i>University of Tripoli</i>
Nouri B. Ermeli	<i>University of Tripoli</i>
Mabrok Erhuma	<i>National Medical Research Centre</i>
Zaineb S. Abood	<i>National Medical Research Centre</i>
Sofian T. Mohamed	<i>National Medical Research Centre</i>
Abdalmotaleb El-Zitrini	<i>National Medical Research Centre</i>
Anton Hermann	<i>University of Salzburg</i>

LSBE-620

Chemical synthesis, molecular modelling and evaluation of anticancer activity of some pyrazolidone Schiffs base derivatives

Salah Mosbah Bensaber	<i>University of Tripoli</i>
Abdulfatah Mosbah Gbaj	<i>University of Tripoli</i>
Mousa Ibraheem Joaeda	<i>University of Tripoli</i>
Ibraheem A. Mrema	<i>University of Tripoli</i>
Hager A. Allafe	<i>University of Tripoli</i>
Nouri B. Ermeli	<i>University of Tripoli</i>
Mabrok Erhuma	<i>National Medical Research Centre</i>
Zaineb S. Abood	<i>National Medical Research Centre</i>
Salah Basheer Mohamed	<i>National Medical Research Centre</i>
Sami G. Alsabri	<i>National Medical Research Centre</i>
Anton Hermann	<i>University of Salzburg</i>

Keynote Speech

Suehiro

10:30~12:00

Thursday, November 7

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

Keynote Speech Summary:

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

Prof. Craig Mark

Associate Professor, School of International Studies

Kwansei Gakuin University, Japan

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

Publications:

Maritime Rivalry in the Asia-Pacific: Prospects for a Regional Arms Control Treaty' (June 2013)

Edward Snowden's flight shows the limits of US power' (June 2013)

Trust in the 2013 Australian Election', (June 2013)

Connectedness, Identity and Alienation and the Japanese 2013 Election', (April 2013)

War and Conflict in Africa' (March 2013)

Geopolitics of the Asia-Pacific: the Fate of Regional Security Institutionalism' (March 2013)

Oral Sessions Agenda

Biomedical Engineering I

Koubai

10:30~12:00

Thursday, November 7

Session Chair: *Prof. Michel Linder*

ICEAS-1709

Effect of heat stress shown in APG signal

Aya Matsuyama

Charles Darwin University

ICEAS-1722

Heat Transfer Analysis of Human Skin during Subjected to Cold Therapy

Teerapot Wessapan

Eastern Asia University

ICEAS-1737

Physicochemical characterization of marine LC- PUFA nanoliposomes: application of this new drug delivery system improving the biomolecules activities

Michel Linder

Université de Lorraine

Elmira Arab Tehrani

Université de Lorraine

ICEAS-1749

Stimulation of Nerve Regeneration using Vitamin D3 Encapsulated Liposomes

Vichuda Charoensaensuk

King Mongkuts University of Technology Thonburi

Kwanchanok Viravaidya-
Pasawat

King Mongkuts University of Technology Thonburi

ICEAS-1755

Contour-Based Facial Symmetry Assessment Method

Yu-Xin Zhang

National Cheng Kung University

Oral Sessions Agenda

Environmental Sciences I

Hagoromo

10:30~12:00

Thursday, November 7

Session Chair: *Prof. Chu-Yang Chou*

ACCMES-1022

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

Warangkhan Khaodee

Chulalongkorn University

ACCMES-1123

Applying Dual Microbial Fuel Cells on Electricity Production during Wastewater Treatment

Chu-Yang Chou

National Taiwan University

Yu-Wen Huang

National Taiwan University

Chia-Lin Weng

National Taiwan University

An-Chi Liu

National Taiwan University

ACCMES-1048

Scaling Formation of Re-mineralized Desalinated Seawater in Pipeline System: Effects of Mineral Species

Xu Yang

National University of Singapore

Zhang Jufang

National University of Singapore

Wang Le

National University of Singapore

Hu Jiangyong

National University of Singapore

Xie Rongjin

Public Utilities Board

Mylene Gomez

Public Utilities Board

Choon Nam Ong

National University of Singapore

Avner Adin

The Hebrew University of Jerusalem

ACCMES-1031**Multi-zone Network Airflow Model Calibration Process and Verification**

Seul-Ki Han *Hanyang University*

Joon-Young Park *Hanyang University*

Eun-Ji Lee *Hanyang University*

Jae-Weon Jeong *Hanyang University*

ICEAS-1999**Food Plant Diversity around Sadengan and Triangulasi Alas Purwo National Park, Banyuwangi, East Java**

Nurina Kurnianingsiwi Atmono *Padjadjaran University*

Oral Sessions Agenda

Computer and Information Sciences II

Nishiki

10:30~12:00

Thursday, November 7

Session Chair: *Prof. Rong-Chin Lo*

ICEAS-1710

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

Rong-Chin Lo

National Taipei University of Technology

Chien-Cheng Chen

National Taipei University of Technology

Oral Sessions Agenda

Life Sciences II

Takara

10:30~12:30

Thursday, November 7

Session Chair: *Prof. Ramdas Dhondiram Bodare*

LSBE-574

Time- and NADPH-dependent inactivation of human CYP2A6 by Averrhoa carambola fruit

Phisit Pouyfung *Mahidol University*

Songklod Saraputit *Burapha University*

Pornpimol Rongnoparut *Mahidol University*

LSBE-616

Rice and Weedy Rice Competition in Laboratory and Greenhouse Conditions

Nadhirah Abd Aziz *Universiti Sains Malaysia*

Mashhor Mansor *Universiti Sains Malaysia*

LSBE-683

The role of sublingual and submandibular glands on the testicular functions in mice (*Mus musculus*)

Ramdas Dhondiram Bodare *S. G. M. College*

Meena Madhavan Pillai *K. I. T. College of Engineering*

LSBE-718

Screening of ornamental plant seeds for Pb tolerance: a preliminary study

Ing Chia Phang *International Islamic University Malaysia*

Noraishah A. Majid *International Islamic University Malaysia*

LSBE-738**Association Study of Nostoc Strain CPG8, CPG24, and GIA13a with Roots of Rice (*Oryza sativa* L.) through Scanning Electron Microscopy**

Aprilia Nur Fitrianti *Universitas Indonesia*

Dian Hendrayanti *Universitas Indonesia*

Lestari Rahayu Kusmadji *Universitas Indonesia*

LSBE-818**Thoracic Aorta Contracting Response to Microgravity Simulation: Role of L-Type Calcium Channels**

Zahra Hajebrahimi *Iranian Space Research Center*

Hajar Soltani *Payame Noor University*

Maedeh Arabian *Iranian Space Research Center*

Sima Nasri *Payame Noor University*

Nahid Aboutaleb *Iranian Space Research Center*

Oral Sessions Agenda

Finance

Suehiro

13:00~14:30

Thursday, November 7

Session Chair: *Prof. Chih-Yung Lin*

ISBSS-1353

Defensive Repurchases: The Managerial Entrenchment versus Shareholder Interests

Chia-Wei Huang *Yuan Ze University*

Sheng-Syan Chen *National Taiwan University*

ISBSS-1354

The Bright Side of Government Banks-Evidence from the Global Financial Crisis

Chih-Yung Lin *Yuan Ze University*

Iftekhar Hasan *Fordham University and Bank of Finland*

Yehning Chen *National Taiwan University*

Yan-Shing Chen *National Taiwan University*

ISBSS-1401

Long-run SEO underperformance: An idiosyncratic risk explanation

Po-Hsin Ho *National United University*

Chia-Wei Huang *Yuan Ze University*

Chih-Yung Lin *Yuan Ze University*

Ju-Fang Yen *National Taipei University*

ISBSS-1361

CEO Overconfidence and the Long-Term Performance Following Capital Expenditures Increases

Po-Hsin Ho *National United University*

ISBSS-1347**Further evidence on bear market predictability: The role of the external finance premium**

Yu-Hsi Chou	<i>Fu-Jen Catholic University</i>
Nan-Kuang Chen	<i>National Taiwan University</i>
Shiu-Sheng Chen	<i>National Taiwan University</i>

ISBSS-1344**Alternative Model for Financing Micro Enterprises in Malaysia**

Mohamed Asmy Mohd Thas Thaker	<i>International Islamic University Malaysia</i>
Mustafa Omar Mohammed	<i>International Islamic University Malaysia</i>
Jarita Duasa	<i>International Islamic University Malaysia</i>
Moha Asri Abdullah	<i>International Islamic University Malaysia</i>

Oral Sessions Agenda

Biological Engineering I

Koubai

13:00~14:30

Thursday, November 7

Session Chair: *Prof. Radhika T S L*

LSBE-669

Identification of peptide-mimetic inhibitors against amyloid-beta peptide aggregation by pharmacophore modeling, virtual screening, molecular docking and molecular dynamics simulations

Zheng-Li Zhou

National Taipei University of Technology

Hsuan-Liang Liu

National Taipei University of Technology

LSBE-724

Pharmacophore modeling, virtual screening, and molecular docking studies for discovery of novel aldose reductase 2 inhibitors

Huang-Sheng Liao

National Taipei University of Technology

Hsuan-Liang Liu

National Taipei University of Technology

LSBE-751

Pulse Transit Time – A Comparison of Values Derived Through Mathematical and Experimental Approaches

Radhika T S L

BITS Pilani, Hyderabad Campus

Srinivas M B

BITS Pilani, Hyderabad Campus

LSBE-796

Genomics of a novel bacteria, as an anti-bacterial candidate in aquaculture

Mohamad Fadjar

University of Brawijaya

Yuni Kilawati

University of Brawijaya

Asep Awaludin Prihananto

University of Brawijaya

LSBE-810**Elasticity of chondrocyte: Experiment with Atomic force microscope**

Teeranoot Chanthasopeephan *King Mongkuts University of Technology
Thonburi*

LSBE-722**Low-frequency Spectroscopy Analysis of Murine Polyoma Virus-like Particles**

Hidayatul Zakaria *Universiti Malaysia Terengganu*

Robert Falconer *The University of Sheffield*

Anton Middelberg *University Of Queensland*

LSBE-1071**The Pharmaceutical compounding that Target amyloid- β 1–42 in Alzheimer's disease**

Majid Vahed *National Institute of Genetic Engineering and
Biotechnology*

Oral Sessions Agenda

Environmental Sciences II

Hagoromo

13:00~14:30

Thursday, November 7

Session Chair: *Prof. Jwo-huei Jou*

ACCMES-1002

Enabling a Human-friendly Lighting Environment with Color and Color-temperature Tunable Organic Light-emitting Diodes

Jwo-huei Jou

National Tsing-Hua University

ACCMES-1052

Control Strategies for the Desiccant and Evaporative-Cooling-assisted 100% Outdoor Air System

Min-Hwi Kim

Hanyang University

Hong-Jae Cho

Hanyang University

Sang-Woo Ham

Hanyang University

Jae-Weon Jeong

Hanyang University

ACCMES-1056

Potential Greenhouse Gases Sequestration by *Spirulina Platensis* in Novel Photo-Bioreactor

Panyamee Sachakamol

PTT Research and Technology Institute

Sarintip Vaewhongs

PTT Research and Technology Institute

Kanatip Ratanachoo

PTT Public Company Limited

ACCMES-1001

Effectiveness of UV-HEPA Purification Unit towards Indoor Air Quality in Selected Workplaces

M.Ismail

Universiti Malaysia Terengganu

N.H.A. Baharuddin

Universiti Malaysia Terengganu

A.S.Anuar

Universiti Malaysia Terengganu

A.Suroto

Universiti Malaysia Terengganu

ACCMES-1039

Applications of WASP on Local Water Quality in Lamtakhong River

Nares Chuersuwan

Suranaree University of Technology

Apaithoon Suwanchoojit

Department of Water Resource

Sukanda Chuersuwan

Department of Water Resource

Oral Sessions Agenda

Computer and Information Sciences III

Nishiki

13:00~14:30

Thursday, November 7

Session Chair: *Prof. Nanik Suciati*

ICEAS-1763

Texture Segmentation Based on Morphological Operation for Fringe Pattern Identification on Batik Fabrics

Anny Yuniarti	<i>Institut Teknologi Sepuluh Nopember</i>
Abdul Munif	<i>Institut Teknologi Sepuluh Nopember</i>
Nanik Suciati	<i>Institut Teknologi Sepuluh Nopember</i>
Yoshifumi Chisaki	<i>Kumamoto University</i>

ICEAS-1781

Prediction of Protein Relative Solvent Accessibility Using Conditional Random Fields

Tu-Liang Lin	<i>National Chiayi University</i>
Hong-Yi Chang	<i>National Chiayi University</i>

ICEAS-1802

An Android-based Power Management Mechanism for Location-based Services

Yi-Chun Chang	<i>Hungkuang University</i>
Jian-Wei Li	<i>Chaoyang University of Technology</i>

ICEAS-1724

A Machine Learning-Based Method To Model Promoters Of Co-expressed Genes

Yosvany López	<i>The University of Tokyo</i>
Kenta Nakai	<i>The University of Tokyo</i>

Oral Sessions Agenda

Life Sciences III

Takara

13:00~14:30

Thursday, November 7

Session Chair: *Prof. Nafisa Mingazova*

LSBE-774

Identification of AHL degrading *Bacillus* isolated from the shrimp ponds in East Java of Indonesia

Ating Yuniarti	<i>University of Brawijaya</i>
Anik M. Hariati	<i>University of Brawijaya</i>
Maftuch	<i>University of Aquaculture</i>
Soemarno	<i>University of Brawijaya</i>
Aulanni'am	<i>University of Brawijaya</i>

LSBE-783

The effect of *Lactobacillus paracasei* subsp. *paracasei* NTU101-fermented soy milk on adipogenesis

Meng-Chun Cheng	<i>National Taiwan University</i>
Tsung-Yu Tsai	<i>Fu Jen Catholic University</i>
Tzu-Ming Pan	<i>National Taiwan University</i>

LSBE-786

Bovine gastrointestinal parasitism with special emphasis on cryptosporidiosis in Badulla District of Sri Lanka

Sudini Ranshaya Fernando	<i>Uva Wellassa University</i>
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LSBE-791

The taxonomic diversity of zoobenthos in the Abkhazia Republic rivers (Caucasus)

Dina Mingazova	<i>Kazan Federal University</i>
Venera Ivanova	<i>Kazan Federal University</i>
Nafisa Mingazova	<i>Kazan Federal University</i>
Elvira Nabeeva	<i>Kazan Federal University</i>
Dbar Roman	<i>Abkhaz State University</i>

LSBE-842

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

Sata Yoshida Srie Rahayu *Pakuan University*

Tri Aminingsih *Pakuan University*

Mira Miranti *Pakuan University*

Oral Sessions Agenda

Business I

Suehiro

14:45~16:15

Thursday, November 7

Session Chair: *Prof. Maya Safira Dewi*

ISBSS-1402

Applying an AHP-HOQ to Determine Ready Mixed Concrete Business Strategic in Rural of Thailand: a Preliminary Study

Amonrat Chumphoo

King Mongkuts University of Technology North Bangkok

ISBSS-2061

Tax Law System Analysis in Tax Haven Countries and Relation to International Practice

Maya Safira Dewi

Bina Nusantara University

Desiyana

Bina Nusantara University

ISBSS-2076

A Factor Analysis of Determining Success in Electronic Commerce (e-Commerce) Business in Thailand

Nutthapat Kaewrattanapat

Suan Sunandha Rajabhat University

ISBSS-1368

Exploring Creative Collaboration in Museum Industry: from the Perspective of Creative Talent

Wang Wan-Jou

National Cheng Kung University

Chung Hsiao-Ling

National Cheng Kung University

ISBSS-1381

The Way to Manage User Resistance toward Social Media

Peng-Ting Chen

National Kaohsiung University of Applied Sciences

Shu-Chen Kuo

I-Shou University

Kuan-Chen Li

National Kaohsiung University of Applied Sciences

Oral Sessions Agenda

Chemical Engineering I/ Fundamental and Applied Sciences I

Koubai

14:45~16:15

Thursday, November 7

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

ICEAS-1633

Support Effects on Ethane Oxidation Catalyzed by MoVNb Catalyst

Yousef Saleh Al-Zeghayer	<i>King Saud University</i>
Sulaiman Ibrahim Al-Mayman	<i>King Abdulaziz City for Science and Technology</i>
Abdulrhman Saleh Al-Awadi	<i>King Saud University</i>
Moustafa Aly Soliman	<i>The British University in Egypt</i>

ICEAS-1788

The preparation of Cu(In,Al)Se₂ thin films using selenization of sputtering Cu-In-Al metal precursors for solar energy application

Kong-Wei Cheng	<i>Chang Gung University</i>
Kei Hinaro	<i>Chang Gung University</i>
Yi Chiu	<i>Chang Gung University</i>

ICEAS-1693

Slip effect Study of 4:1 Contraction Flow with Rounded Corner Geometry for Newtonian Fluid

Nawalax Thongjub	<i>Chulalongkorn University</i>
Bumroong Puangkird	<i>King Mongkut's Institute of Technology Ladkrabang</i>
Vimolrat Ngamaramvaranggul	<i>Chulalongkorn University</i>

ICEAS-1764

The effect of slip boundary on the unsteady blood flow in 3D tubes

Nathnarong Khajohnsaksumeth	<i>Curtin University</i>
Benchawan Wiwatanapataphee	<i>Mahidol University</i>
Yong Hong Wu	<i>Curtin University</i>

ICEAS-1779

Numerical Approximations of Average Run Length

Sophana Somran	<i>King Mongkut's University of Technology North Bangkok</i>
Saowanit Sukparungsee	<i>King Mongkut's University of Technology North Bangkok</i>
Yupaporn Areepong	<i>King Mongkut's University of Technology North Bangkok</i>

ICEAS-1985

Fuzzy rating score on the Likert scale

Atchanut RATTANALERTNUSORN	<i>Kasetsart University</i>
Ampai THONGTEERAPARP	<i>Kasetsart University</i>
Winai BODHISUWAN	<i>Kasetsart University</i>

Oral Sessions Agenda

Environmental Sciences III

Hagoromo

14:45~16:15

Thursday, November 7

Session Chair: *Prof. Jung-Hua Chou*

ACCMES-1071

Effect of Climate Change on the Environmental Fate, Bioavailability, Bioaccumulation and Toxicity of Bisphenol A in the Marine Environment

Siriporn Borrirukwisitsak *University of Strathclyde*

Helen E. Keenan *University of Strathclyde*

Caroline Gauchotte-Lindsay *University of Glasgow*

Peter A. G. Cormack *University of Strathclyde*

ACCMES-1081

Decomposing Composites for Reuse by an Environmentally Friendly Thermo-mechanical Process

Hsing Yuan Yen *Kao Yuan University*

Chih-Hsin Hsueh *National Cheng Kung University*

Jung-Hua Chou *National Cheng Kung University*

ACCMES-1062

Effects of Hydraulic Retention Time and Bisphenol A Concentration on Performance of Membrane Bioreactor

Sirichai Koonaphapdeelert *Chiang Mai University*

Atchariya Charoenwai *Chiang Mai University*

ICEAS-1657

Productivity of Wastewater Treatment Plants Considering Undesirable Outputs: A Malmquist-Luenberger Approach

Francesc Hernández-Sancho *University of Valencia*

María Molinos-Senante *University of Valencia*

Ramón Sala-Garrido *University of Valencia*

ICEAS-1769

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

Nor Halim Bin Hasan	<i>Universiti Teknikal Malaysia Melaka</i>
M.R Said	<i>Universiti Teknikal Malaysia Melaka</i>
A.M. Leman	<i>Universiti Tun Hussein Onn Malaysia</i>
Norzilawati Asmuin	<i>Universiti Tun Hussein Onn Malaysia</i>

Oral Sessions Agenda

Material Sciences and Engineering I

Nishiki

14:45~16:15

Thursday, November 7

Session Chair: *Prof. Khairul Anuar Mohamad*

ICEAS-1673

Mixed P3HT/PCBM Organic Thin-Film Transistors: Relation between Morphology and Electrical Characteristics

Khairul Anuar Mohamad

Universiti Malaysia Sabah

ICEAS-1674

Effect of Zinc Doping on the Sol-gel Derived CuGaO₂ Films

Afishah Alias

Universiti Malaysia Sabah

ICEAS-1812

Controlled Formation of FIB Fabricated Au Nanorod System as SERS-active Substrate for Detecting Contaminated Molecules

Sivashanmugan Kundan

National Cheng Kung University

Jiunn-Der Liao

National Cheng Kung University

Bernard Haochih Liu

National Cheng Kung University

Chih-Kai Yao

National Cheng Kung University

Jui-Teng Cheng

National Cheng Kung University

ICEAS-1918

A New Approach for Preparing Bio-hybrid Material of PVA/RS/SF with Special Water Affinity

Pusita Kuchaiyaphun

Niigata University/ Chiang Mai University

Takeshi Yamauchi

Niigata University

Surasak Watanesk

Chiang Mai University

Ruang Sri Watanesk

Chiang Mai University

ICEAS-1776

Printability of UV Curable Polymeric Composite with High Concentrations of Nano and Micron Sized Particles

Ada Ortega

The University of Texas at El Paso

Ha Ryeong Choi

SeoKyeong University

ACCMES-1108

Tensile and Flexure Strength of Water Hyacinth Fibers - Polyester Composites Before and After Immersion in Water

H. Abrial

Andalas University

D. Kadriadi

Andalas University

A. Rodianus

Andalas University

P. Mastariyanto

Andalas University

Ilhamdi

Andalas University

S. Arief

Andalas University

Oral Sessions Agenda

Life Sciences IV

Takara

14:45~16:15

Thursday, November 7

Session Chair: *Prof. Kamonwan Chucheeep*

LSBE-797

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

Nafisa Mingazova	<i>Kazan Federal University</i>
Olga Derevenskaya	<i>Kazan Federal University</i>
Olga Palagushkina	<i>Kazan Federal University</i>
Elvira Nabeeva	<i>Kazan Federal University</i>
Renat Zamaletdinov	<i>Kazan Federal University</i>
Nailya Zaripova	<i>Kazan Federal University</i>

LSBE-830

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

Kamonwan Chucheeep	<i>King Monkuts Institute of Technology Ladkrabang Chumphon campus</i>
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LSBE-834

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

Rahul M Shelake	<i>Ehime University</i>
Hidenori Hayashi	<i>Ehime University</i>
Shunnosuke Abe	<i>Ehime University</i>
Eugene Hayato Morita	<i>Ehime University</i>

LSBE-789**Biomonitoring and water quality assessment through zoobenthos of the Abkhazia Republic rivers (Caucasus)**

Nabeeva Elvira	<i>Kazan (Volga Region) Federal University</i>
Mingazova Dina	<i>Kazan (Volga Region) Federal University</i>
Mingazova Nafisa	<i>Kazan (Volga Region) Federal University</i>
Dbar Roman	<i>Abkhazia State University</i>
Ivanova Venera	<i>Kazan (Volga Region) Federal University</i>

LSBE-664**Zooplankton of water objects of Caucasus Mountain, (Abkhazia)**

Olga Yurjevna Derevenskaia	<i>Kazan (Volga region) Federal University</i>
Nafisa Mansurovna Mingazova	<i>Kazan (Volga region) Federal University</i>

LSBE-804**Clustering Analysis of *Amorphophallus muelleri* Blume Found in East Java Based on PCR-RFLP markers of CSLA Gene encoding Mannan Synthase**

Novie Ary Priyanti	<i>University of Brawijaya</i>
Rodliyati Azrianingsih	<i>University of Brawijaya</i>
Estri Laras Arumingtyas	<i>University of Brawijaya</i>

Oral Sessions Agenda

Language I

Suehiro

16:30~18:00

Thursday, November 7

Session Chair: *Prof. Hesoeb Kim*

ISLLLE-169

Exploring EFL Teachers' Talk Around Dialogue Texts and Narrative Texts

Lu-Chun Lin

National Chiao Tung University

ISLLLE-177

Community-based Arabic Practicum

Jeremy Palmer

American University of Sharjah

ISLLLE-179

The Focused Input and Output of EAP Formulaic Expressions for Virtual Conferences

Wen-Chun Chen

National Chung-Cheng University

ISLLLE-233

Does the Vertical and the Horizontal Connectivity in the Textbooks Matters in the Japanese Language Teaching in Korea?

Heeseob Kim

Pukyong National University

Sangsu Lee

Pukyong National University

ISLLLE-237

An Investigation of EFL Engineering Students' Cognitive Styles: Implications for Designing Language Tasks

Urarat Parnrod

King Mongkut's University of Technology Thonburi

Pornapit Darasawang

King Mongkut's University of Technology Thonburi

Wareesiri Singhasiri

King Mongkut's University of Technology Thonburi

Oral Sessions Agenda

Economics/ Communication

Suehiro

16:30~18:00

Thursday, November 7

Session Chair: *Prof. Stephen B. Ryan*

ISBSS-1409

Microfinance and family ties: Challenge to reduce the loan default in urban area in Thailand

Kawin Phupoxsakul

Chulalongkorn University

ISBSS-1398

The Optimal Inflation Target Band: A New Keynesian Perspective

Nath Bunditwattanawong

Chulalongkorn University

ISBSS-1359

How First-Hand Experience Modifies Schema: a Japanese study abroad group in Australia

Stephen B. Ryan

Yamagata University

ISBSS-1406

The Conflicting Interests of the Public Interest Groups and Businesses in Malaysia; the Effect of Misrepresentation in Public Interest Group's Roles and Responsibilities

Shira Haniza Yaakop

Universiti Teknologi MARA

Ismail Sualman

Universiti Teknologi MARA

Siti Zabedah Mohd Shariff

Universiti Teknologi MARA

Oral Sessions Agenda

Environmental Sciences IV

Hagoromo

16:30~18:00

Thursday, November 7

Session Chair: *Prof. Alvin Lai*

ICEAS-1787

A Comparative Study on Lake Depth Profiles of Temengor Reservoir, Perak, Malaysia

Nor Aisyah Omar

Universiti Sains Malaysia

ICEAS-1856

The Effect of Age of Napier Pakchong I on Biogas Yield from the Anaerobic Co-digestion with Cow Dung

Lertluck Saitawee

Rajamangala University of Technology Rattanakosin

ICEAS-1857

Comparative Studies of Biochar Produced from Oil Palm Residues by Hydrothermal Carbonization

Jakaphong Kongpanya

Rajamangala University of Technology Rattanakosin

ACCMES-1061

A Numerical Study on Effectiveness of Upper-Room Ultraviolet Germicidal Irradiation System in a Simulated Hospital Ward

Alvin Lai

City University of Hong Kong

ACCMES-1064

Potential of Water Hyacinth (*Eichhornia crassipes*) as Fitoremediation Agent of Textile Waste in Citarum River, Indonesia

Niko Junianto

University of Padjadjaran

Nisa Auliya Mahardini

University of Padjadjaran

Rizka Purnamawati

University of Padjadjaran

Oral Sessions Agenda

Mechanical Engineering I / Electrical and Electronic Engineering I

Nishiki

16:30~18:00

Thursday, November 7

Session Chair: *Prof. Sangamesh G. Sakri*

ICEAS-1818

A new proposed efficient large-scale hydrogen liquefaction plant

Songwut Krasae-in

Rajamangala University of Technology Krungthep

ICEAS-1939

Vibration Suppression of the Shaft using Single-Side Support Four-Pole Active Magnetic Bearing

Nitisak Numanoy

Suranaree University of Technology

Jiraphon Srisertpol

Suranaree University of Technology

Teetut Dolwichai

Suranaree University of Technology

ICEAS-1589

A Simple and Fast Method for Fabricating A Rapid Tooling with High Form Accuracy

Chil-Chyuan Kuo

Ming Chi University of Technology

Hsiu-Ju Hsu

Ming Chi University of Technology

Teng-Sheng Chiang

Ming Chi University of Technology

ICEAS-1684

Study of Consumer Behaviour for Energy Efficiency Programs in India under DSM

Sangamesh G. Sakri

PDA College of Engineering Gulbarga

ICEAS-1735

Signal Processing Method for High Speed Train Environment Based on IEEE 802.15.4

Kanghoon Kim

Sogang University

ICEAS-1761

Optimal Parameters Designed for Zero Voltage Switched Mode Power Supply

Worapong Pairindra

Valaya Alongkorn Rajabhat University

Oral Sessions Agenda

Life Sciences V

Takara

16:30~18:00

Thursday, November 7

Session Chair: *Prof. Anil Ramchandra Kurhe*

LSBE-884

Distribution of Molluscan Fauna (Gastropod Molluscs) from Selected Localities of Sindhudurg Coast Maharashtra, India

Anil Ramchandra Kurhe *PVP College, Pravaranagar*

Ganesh Dadarao Suryawanshi *Yogeshwary College, Ambajogai*

Sangeeta B Dongare *Milind College of Science, Aurangabad*

LSBE-1083

A Comparative Study of Different Species of *Phyllanthus* spp. on Chondroprotective Potential

Kittisak Buddhachat *Chiang Mai University*

Siriwadee Chomdej *Chiang Mai University*

Maslin Osathanunkul *Chiang Mai University*

LSBE-761

Functional Insights and Engineering of Biosynthetic Pathways of Bioactive Indolocarbazole Glycosides by In Vitro Enzyme Reconstitution

Hsien-Tai Chiu *National Cheng Kung University*

Yi-Lin Chen *National Cheng Kung University*

Chien-Pao Weng *National Cheng Kung University*

LSBE-882

PHYSIOLOGICAL RESPONSES OF THE LEAVES OF CADMIUM-EXPOSED *Chamaesyce hirta* (L.) Millsp.

Juliana Janet Martin Puzon *University of the Philippines*

Lance Jerome Fulgencio Alabarca *University of the Philippines*

Abigail Fiona De La Cruz Cruzada *University of the Philippines*

LSBE-1125**Characterization of Number of Crow and Qualitative Marker**

Rusfidra Rusfidra *Andalas University*

Yoni Yumar Tumatra *Andalas University*

Muhammad Hafil Abbas *Andalas University*

Yan Herryandi *Andalas University*

Firda Arlina *Andalas University*

LSBE-1011**Developmental of Molecular Marker for Characterization of Superior Grand Orchid (Spathoglottis) Induced by Colchicine**

Agus Setiawan *Universitas Gadjah Mada*

LSBE-806**Antibacterial Activity Againts Escherichia Coli and Staphylococcus Aureus of Teak (Tectona Grandis) Leaves Crude Extract Using Microwave-Assisted Extraction**

Joni Kusnadi *Brawijaya University*

Andi Dwi Setyawan *Brawijaya University*

Oral Sessions Agenda

Linguistics I

Suehiro

08:45~10:15

Friday, November 8

Session Chair: *Prof. Sunhee Yae*

ISLLE-95

Online Translation of Proverbs between Availability and Accuracy

Sami Abdullah Hamdi *Jazan University*

Kazuhiko Nakae *Kansai Gaidai University*

Mohamed Okasha *Jazan University*

ISLLE-204

Learner Generated Noticing of Written and Aural L2 Input

Bimali Indrarathne *Lancaster University*

ISLLE-307

A Study of the Interaction between Modality and Syntax in 'Fear'-derived Complex Constructions in English

Sunhee Yae *Chung-Ang University*

ISLLE-316

Direct or Indirect? Critical or Uncritical? Evaluation in Chinese English-major MA Students' Thesis literature Reviews

Jianping Xie *The Chinese University of Hong Kong*

ISLLE-72

Flouting of Gricean Maxims of Quality and Relevance in The Speeches of Iago in Othello

Syed Sikander Ali *Lahore Garrison University*

Oral Sessions Agenda

Business II

Koubai

08:45~10:15

Friday, November 8

Session Chair: *Prof. Chomphak Jantakat*

ISBSS-1393

The Quality of Work Life and The Work Efficiency of Lecturer in Higher Education Institutes, Nakornratchasima, Thailand

Chomphak Jantakat

Vongchavalitkul University

ISBSS-1394

Behavior and Decision for Tourism of Thailand based on population of Muang district, Nakhonratchasima

Ajcharapan Tangjaturasopon

Vongchavalitkul University

ISBSS-1395

The Existing Skills and the Requirements for Training the Public Sector Officers towards ASEAN Economic Community

Parrichat Faenphimai

Vongchavalitkul University

ISBSS-1396

Focal projects of private and public sectors' collaboration in Nakhon Ratchasima province, Thailand in preparation for the ASEAN economic community

Nalinthip Ngoensoongnoen

Vongchavalitkul University

ISBSS-2073

Auditor Rotation in An International under Sarbanes-Oxley Act of 2002 : A critical review of the literature

Thamonwan Pomsanam

Vongchavalitkul University

ISBSS-1390

Islamic Perspective of Human Talent Identification: Evidence from Malaysian Organizations

Idris Osman

Universiti Teknologi Mara

Oral Sessions Agenda

Environmental Science V

Hagoromo

08:45~10:15

Friday, November 8

Session Chair: *Prof. Sudjit Karuchit*

ACCMES-1043

Mobility and Sorption of Sewage Chemical Indicators into the Soil

Mahsa Foolad *National University of Singapore*

Ngoc Han Tran *National University of Singapore*

Jiangyong Hu *National University of Singapore*

ACCMES-1046

Investigation of Biodegradation of Polycyclic Aromatic Hydrocarbons (PAHs) in the Contaminated Soil by Using a Soil Microbial Fuel Cell (SMFC)

How Yong Ng *National University of Singapore*

Mohammad Sherafatmand *National University of Singapore*

Lefebvre Olivier Patrick *National University of Singapore*

ACCMES-1059

Heavy Metal Contamination in Soil, Roof Dust, and Dustfall in Nakhon Ratchasima, Thailand

Sudjit Karuchit *Suranaree University of Technology*

Titiphat Hirunkam *Suranaree University of Technology*

ICEAS-1809

Development Approaches of Emission Inventory in Thailand: Case Study in Nakhon Ratchasima Municipality

Sudjit Karuchit *Suranaree University of Technology*

Nares Chuersuwan *Suranaree University of Technology*

Sudjit Karuchit *Suranaree University of Technology*

ICEAS-1706

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

Nirmala Kumuduni
Dharmarathne

Saitama University

Naofumi Sato

Saitama University, Kokusai Kogyo Co., Ltd

Ken Kawamoto

Saitama University

Koide Takahiro

Saitama University

Hiroyasu Satoh

Tokyo University

Norio Tanaka

Saitama University

Oral Sessions Agenda

Mechanical Engineering II

Nishiki

08:45~10:15

Friday, November 8

Session Chair: *Prof. Xinli Ma*

ICEAS-1819

Large-scale T-IDF Rebuilding Optimization

Xinli Ma

Jiangsu Frontier Electric Power Technology Co., Ltd.

ICEAS-1873

Examining ABS/PC Gears Abrasion Behaviours

Rıfat Yakut

Selcuk University

Hayrettin Düzcükoğlu

Selcuk University

ICEAS-1881

Design of Punch-Type Swager for Exhaust Pipe Manufacture

Perawat Boonpuek

Suranaree University of Technology

Teetut Dolwichai

Suranaree University of Technology

Wanwanut Boongsood

Suranaree University of Technology

ICEAS-1933

A Study of Plastic Collapse Behavior of Aluminum Cylindrical Thin-Walled Tubes under Axial Impact Load

Supakit Rooppakhun

Suranaree University of Technology

Sarawut Bua-Ngam

Suranaree University of Technology

ICEAS-1938

Design of Linkage Structures for Enhancement of the Transfemoral Prosthesis

Chul-Hee Lee

Inha University

Jeong-Hyeon Bak

Inha University

Kwang-Hee Lee

Inha University

ICEAS-1813

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

Ashraf Ali Alfandi

University Of Science And Technolgy

Juhyeon YOON

Korea Atomic Energy Research Institute

Young In Kim

Korea Atomic Energy Research Institute

Hyungi YOON

Korea Atomic Energy Research Institute

Namgyun Jeong

Korea Atomic Energy Research Institute

Oral Sessions Agenda

Biological Engineering II

Takara

08:45~10:15

Friday, November 8

Session Chair: *Prof. Fatchiyah Fatchiyah*

LSBE-993

Hospital Wastewater Characteristics in Malang City

Prayitno *Brawijaya University*

Zaenal Kusuma *Brawijaya University*

Bagyo Yanuwadi *Brawijaya University*

Rudy W Laksmono *UPN University*

LSBE-1006

Mutation on Human Insulin Receptor Gene of Diabetes Melitus Type-2 Patient Reduced the Insulin Receptor Substrate-1 (IRS-1) Activation

Fatchiyah Fatchiyah *Brawijaya University*

Nur Christian *Brawijaya University*

Djoko Wahono Soeatmadj *Saeful Anwar Hospital*

LSBE-1080

Selection of Solutions of Polynomials in Displacement Estimation for a four degrees of freedom capacitive force sensor

Chisato Murakami *Hokkaido University*

Makoto Takahashi *Hokkaido University*

LSBE-778

Generation of New Hybridoma UTM-Ha Secreting Monoclonal Antibody Specific to Acanthamoeba species Isolated from Corneal Infection.

Hala A.K. Rasheed *Universiti Teknologi Malaysia*

Fadzilah Adibah Abd Majid *Universiti Teknologi Malaysia*

Nakisah Mat Amin *Universiti Malaysia Terengganu*

LSBE-1062**Biological Treatment of Water Containing Chlorobenzene by Ozonation and Anaerobic–Aerobic Digestion**

Kimleang Khoeurn

University of the Philippines-Diliman

LSBE-895**A Microfluidic Assessment of Seawater Intake System in the Context of Marine Life Protection**

Partha Halder

RMIT University

Muhammed Ali Bhuiyan

RMIT University

Niranjali Jayasuriya

RMIT University

LSBE-1136**Assessment of Musculoskeletal Risk Factors Associated With Manual Tasks in Retreaded Tires Factory Using ManTRA and RULA Methods**

Lusi Susanti

Andalas University

Hardiansyah Musfar

Andalas University

Oral Sessions Agenda

Language II/ Linguistics II

Suehiro

10:30~12:00

Friday, November 8

Session Chair: *Prof. Othman Ali Almeniei*

ISLLLE-756

EFL Standards in Saudi Arabia: Improving Learning and Teaching

Othman Ali Almeniei

King Saud University

ISLLLE-785

Saudi EFL Students Intercultural Communication Competence and Apprehension

Abdulaziz Ibrahim S. Alnofal

Imam Muhammad Ibn Saud University

ISLLLE-778

On Contextualization of Insecurity and Uncertainty in the Funeral Sermon

Nganga Simon

Bayreuth University

ISLLLE-814

A Critical Analysis of English Language Learning Guidebooks (ELLGs) in Bangladesh

Shuvo Saha

East West University

ISLLLE-263

A Psycholinguistic Analysis of Stuttering Experienced by King George VI portrayed in The King's Speech

Endang Setyowati

Universitas Gadjah Mada

ISLLLE-807

A Study of Pragmatic Failures in English Committed by Native Speakers of Punjabi

Batish Sama

Lovely Professional University

Oral Sessions Agenda

Culture/ Psychology/ Sociology

Koubai

10:30~12:00

Friday, November 8

Session Chair: *Prof. Kam Yee Law*

ISBSS-1366

Traditional Medicine Practices Among The Orang Asli in Malaysia: Batek Tribe Case at Kuala Koh, Kelantan

Ramle Abdullah	<i>Universiti Sultan Zainal Abidin</i>
Ahmed Amran	<i>Universiti Sultan Zainal Abidin</i>
Pei Lin Lua	<i>Universiti Sultan Zainal Abidin</i>
Aryati Ahmad	<i>Universiti Sultan Zainal Abidin</i>
Asmawi Ibrahim	<i>Universiti Sultan Zainal Abidin</i>

ISBSS-2091

Creative Community: A Role of Campus- Community Partnerships in Culture- Led Urban Regeneration

Araya Santisan	<i>Kasetsart University</i>
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ISBSS-1408

Model Development for Health Promotion in Thai Elderly

Montakarn Chuemchit	<i>Chulalongkorn University</i>
Nattawan Deelertyuenyong	<i>Chulalongkorn University</i>
Jirapun Khiewkhum	<i>Cha-am Hospital, Phetchaburi</i>
Kunpima Chueamchit	<i>Princess Chulabhorn's College Phetchaburi, Cha-am, Phetchaburi</i>
Surasak Taneepanichskul	<i>Chulalongkorn University</i>

ISBSS-1337

Policy formulation, social service NGOs and social integration of the South-Asian populations in Hong Kong

Kam Yee Law	<i>The Hong Kong Institute of Education</i>
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ISBSS-1379

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

Chadarat Boonchan	<i>Prince of Songkla University</i>
Buncha Somboonsuke	<i>Prince of Songkla University</i>
Sayan Sdoodee Sdoodee	<i>Prince of Songkla University</i>
Parichart Visuthismajarn	<i>Prince of Songkla University</i>

Oral Sessions Agenda
**Environmental Sciences VI/
Geosciences and Petroleum Engineering**

Hagoromo

10:30~12:00

Friday, November 8

Session Chair: *Prof. Hsing Yuan Yen*

ACCMES-1067

Removing of Glycerin from Crude Biodiesel by ZnCl₂-Activated Rice Husk Ash

Nisakorn Saengprachum *Chulalongkorn University*

Somchai Pengprecha *Chulalongkorn University*

ACCMES-1051

Modeling the Adsorption of Derivatives of Dioxin Compounds onto Activated Carbon: breakthrough Curves and Isotherm Parameters

Sond Bunsan *Chulalongkorn University*

Nurak Grisdanurak *Thammasat University*

Ho Wen Chen *Tunghai University*

ACCMES-1065

Treating Electroplating Rinse Water for Reuse by the Process of Combining PAC Adsorption with H₂O₂/UV Oxidation

Hsing Yuan Yen *Kao Yuan University*

Chen Pei Lin *Kao Yuan University*

ICEAS-1752

Analysis on the Flow and Transport of Nonionic Polymeric Solutions through Reservoirs under Various Wettability Conditions

ByungIn Choi *Hanyang Univerisity*

Kunsang Lee *Hanyang Univerisity*

ICEAS-1753

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

MoonSik Jeong *Hanyang Univerisity*

JooSeon Park *Hanyang Univerisity*

KunSang Lee *Hanyang University*

Oral Sessions Agenda

Mechanical Engineering III

Nishiki

10:30~12:00

Friday, November 8

Session Chair: *Prof. Cheng-Hung Huang*

ICEAS-1600

Effects of Bioethanol-Diesel Fuel Blends Containing Beraid ED10 Additive on Engine Emissions

Hasan Aydogan *Selcuk University*

Mustafa Acaroglu *Selcuk University*

Abdullah Engin Ozcelik *Selcuk University*

ICEAS-1678

An Impingement Heat Sink Module Design Problem to Determine Optimal Non-Uniform Fin Heights and Widths

Cheng-Hung Huang *National Cheng Kung University*

ICEAS-1721

Sandwich Structures with Internal Resonators on Elastic Foundation under Moving Loads

Jung-San Chen *National Cheng Kung University*

Song-Mao Tsai *National Cheng Kung University*

ICEAS-1757

Optimizing Circular Parameters using Taguchi Method with Parameter-Range Reduction Algorithm for CNC Machine Tools

Syh-Shiuh Yeh *National Taipei University of Technology*

Wei-Jen Chen *Yeong Chin Machinery Industries Co., Ltd.*

Mao-Pin Wu *Yeong Chin Machinery Industries Co., Ltd.*

Chi-Hsiang Wang *National Taipei University of Technology*

ICEAS-1780**PI Controller plus Adaptive Fuzzy Logic Compensator for Torque Controlled System of DC Motor**

Jiraphon Srisertpol *Suranaree University of Technology*

Nitisak Numanoy *Suranaree University of Technology*

Chalermpon Pewmaikom *Suranaree University of Technology*

ICEAS-1797**Design and Simulation of An Autonomous Dual-Axis Sun Tracking System**

Amjad Alsakarneh *Al-Zaytoonah University of Jordan*

Tagreed Aljarrah *The University of Jordan*

Taha Tabaza *Al-Zaytoonah University of Jordan*

Oral Sessions Agenda

Life Sciences VI

Takara

10:30~12:00

Friday, November 8

Session Chair: *Prof. Chong Kim Wong*

LSBE-650

Electric Field-Enhanced One-Step Visual Detection of PCR Products on A Membrane-Based Lateral Flow

Jui-Chuang Wu *Chung Yuan Christian University*

Chih-Hung Chen *Chung Yuan Christian University*

Huang-Chin Yang *Chung Yuan Christian University*

LSBE-662

A Report of Freshwater sponge (Porifera: Spongillidae) *Ephydatia meyeri* (Carter) from Ramling Near Hatkanangale, Dist- Kolhapur, Maharashtra, India.

Suresh Babasaheb Nikalje *Sangli.Shivaji University*

Deepak Vishwanath Muley *Shivaji University*

LSBE-664

Zooplankton of water objects of Caucasus Mountain, (Abkhazia)

Olga Yurjevna Derevenskaia *Kazan Federal University*

Nafisa Mansurovna Mingazova *Kazan Federal University*

LSBE-680

Seasonal and spatial variations in phytoplankton size structure and taxonomic composition in Tolo Harbour, Hong Kong

Chong Kim Wong *The Chinese University of Hong Kong*

Charles Chi Hung Tang *The Chinese University of Hong Kong*

LSBE-1039**Growth Differentiation Factor-9 (GDF-9) and Bone Morphogenetic Protein Receptor-2 (BMPR-2) Expression in Bovine Granulosa Cells (GCs) during follicular development**

Sri Rahayu	<i>Brawijaya University</i>
Tomas J. Acosta	<i>Okayama University</i>
Shin Yoshioka	<i>Okayama University</i>
Tokuyama Sota	<i>Okayama University</i>
Kiyoshi Okuda	<i>Okayama University</i>

LSBE-570**Effect of Natural and Artificial Light on Human Health**

Pushkala Arumugam Pillai	<i>University of Madras</i>
Purushottam Das Gupta	<i>Manipal University</i>

LSBE-813**Effect of Capsaicin on Thermally induced Lipid Bilayers**

Neha Sharma	<i>Japan Advanced Institute of Science and Technology</i>
Tsuyoshi Yoda	<i>Japan Advanced Institute of Science and Technology</i>
Naofumi Shimokawa	<i>Japan Advanced Institute of Science and Technology</i>
Masahiro Takagi	<i>Japan Advanced Institute of Science and Technology</i>

Oral Sessions Agenda

Literature I

Suehiro

13:00~14:30

Friday, November 8

Session Chair: *Prof. Sujata Chaturvedi*

ISLLLE-148

The Effect of Repetition in *Dancing Vanity* (2008) by Yasutaka Tsutsui: Dream Representations after Dreamtree Hill Junction and Paprika

Yuji Obataya

Geneva University

ISLLLE-188

Translating the Other on More Equitable Terms - Striving to Transform Sino-British Relations in Timothy Mos An Insular Possession

Rita Olivia Kelly

The University of Hong Kong

ISLLLE-251

The Novels in the Early 21st Century in the Philippines: Acknowledging the Sensibility of Popular Culture in the Works of Japanese Novelist Haruki Murakami by the Young Blood Filipino Novelists

Romeo Palustre Peña

University of the Philippines

Vidal Sosito Mendoza, Jr.

New Era University

ISLLLE-780

Evoking Environmental Consciousness through Hindi Literature

Sujata Chaturvedi

Christ Church College, Kanpur

ISLLLE-838

“Making no attempt to be understood”: Failed Communication in *Miss Lonelyhearts*

Wayne E. Arnold

Kansai Gaidai University

ISLLLE-176

Comparing Voices of the Marginalized Groups in American and Australian Poetry

Eni Purwanti

Gadjah Mada University

ISLLLE-818

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

Sunny Hui-Chen Chen

National Taiwan Normal University

Oral Sessions Agenda

Management II

Suehiro

13:00~14:30

Friday, November 8

Session Chair: *Dr. Wichuda Kunnu*

ISBSS-1343

An Age of Crisis in the Non-profit Sector: Facilitating Human Capital and HRM Strategies and Practices for Innovation

Eric Kong

University of Southern Queensland

ISBSS-2094

Awareness on Green Solid Waste Management through 3Rs Based Approach

Nurhafizatul Haswani Binti
Mohd Razak

Universiti Teknologi Malaysia

Khadijah Bt Hussin

Universiti Teknologi Malaysia

ISBSS-2095

The Automatic Classification of Thai news by Similarity Method

Wichuda Kunnu

Suan Sunandha Rajabhat University

Nutthapat Kaewrattanapat

Suan Sunandha Rajabhat University

ISBSS-1411

Exploring the Effects of Transactional and Transformational Leadership on Cyberloafing at Work

Ahmad Said Al-Shuaibi

Universiti Utara Malaysi

Faridahwati Mohd. Shamsudin

Sultan Qaboos University

Chandrakantan Subramaniam

Universiti Utara Malaysia

ISBSS-1345

Sustainable Consumption in the FMCG Industry – a Qualitative Study

Frances M Woodside

University of Southern Queensland

Oral Sessions Agenda

Material Sciences and Engineering II

Hagoromo

13:00~14:30

Friday, November 8

Session Chair: *Prof. Hongzhi Cui*

ACCMES-471

Phase Change Energy Storage Concrete Preparation and Its Mechanical Properties

Xian Shi *Shenzhen University*

Yongmin Ye *Shenzhen University*

Hongzhi Cui *Shenzhen University*

ACCMES-472

The Effect of the Vibratory Stress Relief Technique on the Texture in AA 6061 Aluminum Alloy

Jia-Siang Wang *National Chung Hsing University*

Chih-Chun Hsieh *National Chung Hsing University*

Weite Wu *National Chung Hsing University*

ACCMES-1054

Synthesis of Microparticles Embedded with Carbon Nanotubes via Floating Catalyst Chemical Vapor Deposition and Their Environmental Application

Sarttrawut Tulaphol *Thammasat University*

Nurak Grisdanurak *Thammasat University*

Ekkachai Kanchanatip *Chulalongkorn University*

Den Walter *Tunghai University*

ACCMES-1044

Luminescence Study of Rare Earth Doped Cerium Fluoride-CeF₃ Nanophosphors

Mayuri Nalinkumar Gandhi *Indian Institute of Technology*

ACCMES-1024**Effect of Heat Treatment on Microstructure and Hardness Changes of 6xxx Aluminum Alloy**

Masoud Ibrahim Mohamed *Northern Border University*

Talal Mohamed Nour Abo
Mansour *Northern Border University*

Jawdat Abd Allah Aljarah *Northern Border University*

ACCMES-464**Electrospun Poly(isobutyl methacrylate) Fiber Mats as Carriers for Tannic Acid**

Patcharaporn Thitiwongsawet *Thammasat University*

Pawarun Thanasriswad *Thammasat University*

Songporn Silamankong *Thammasat University*

Oral Sessions Agenda

Computer and Information Sciences IV

Nishiki

13:00~14:30

Friday, November 8

Session Chair: *Prof. Hong-Yi Chang*

ICEAS-1803

A Multiple Coordinators Reservation Protocol for Parking Spaces in Vehicular Networks

Hong-Yi Chang	<i>National Chiayi University</i>
Hao-Wen Lin	<i>National Chiayi University</i>
Zih-Huan Hong	<i>National Chiayi University</i>
Tu-Liang Lin	<i>National Chiayi University</i>
Yuan-Wei Lin	<i>Industrial Technology Research Institute</i>

ICEAS-1829

Medoid-based Incremental Clustering for Large Data Streams with MapReduce

Han-joon Kim	<i>University of Seoul</i>
Man Xuan	<i>University of Seoul</i>

ICEAS-1905

Knowledge Acquisition from Cross Level in Using Fuzzy Rough Sets

Wei-Hsuan Lee	<i>Yuan Ze University</i>
Meng-Ying Chou	<i>Yuan Ze University</i>

ICEAS-1932

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

Tu-Liang Lin	<i>National Chiayi University</i>
Xian-Qun Zeng	<i>National Chiayi University</i>
Hong-Yi Chang	<i>National Chiayi University</i>

ICEAS-1822

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

Hong-Yi Chang	<i>National Chiayi University</i>
Cheng-Kai Huang	<i>National Chiayi University</i>
Jen-Yi Pan	<i>National Chung Cheng University</i>
Zih-Huan Hong	<i>National Chiayi University</i>
Hao-Wen Lin	<i>National Chiayi University</i>

Oral Sessions Agenda

Biomedical Engineering II

Takara

13:00~14:30

Friday, November 8

Session Chair: *Prof. Mohd Zobir Hussein*

ICEAS-1773

Developing Multi Material Extruder System for Bioprinting Application

Yudan Whulanza *Universitas Indonesia*

Jos Istiyanto *Universitas Indonesia*

Taufiq Ramadhan *Universitas Indonesia*

Rendria Arsyian *Universitas Indonesia*

ICEAS-1820

Effect of Light Therapy on an in vitro Alzheimer's Disease Model

Kunthika Mokdara *King Mongkut's University of Technology, Thonburi*

Chaiyong Koaykul *King Mongkut's University of Technology, Thonburi*

Kwanchanok Viravaidya-Pasuwat *King Mongkut's University of Technology, Thonburi*

Anak Khantachawana *King Mongkut's University of Technology, Thonburi*

ICEAS-1911

In Vitro Controlled Release of an Anticancer Drug, Chlorogenic Acid using Magnesium/Aluminium Layered Double Hydroxide as Nanomatrix

Mohd Zobir Hussein *Universiti Putra Malaysia*

Farahnaz Barahuie *Universiti Putra Malaysia*

Zulkarnain Zainal *Universiti Putra Malaysia*

Palanisamy Arulselvan *Universiti Putra Malaysia*

Sharida Fakurazi *Universiti Putra Malaysia*

ICEAS-1913

Analyzing ECG segmentation and the rule of patterns by using Viterbi algorithm(HMMs)

Chaeyun Jung *Hankuk Acedemy of Foreign studies*

Taeseon Yoon *Hankuk Academy of Foreign studies*

ICEAS-1831

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

Roya Aramesh

Qazvin Islamic Azad University

Karim Faez

Amirkabir University of Technology

Oral Sessions Agenda

Education II/ Literature II

Suehiro

14:45~16:15

Friday, November 8

Session Chair: *Prof. Showqi Ali Bahumaid*

ISLLE-289

Revisiting the Use of MCQs in Language Tests

Showqi Ali Bahumaid

University of Sharjah

ISLLE-328

The educational and linguistic design decisions of a computer game that teaches slang – Slangage

Amanda Muller

Flinders University

ISLLE-783

Improving English Skills by Implementing SRL and CLIL Approaches for Early Adulthood in order to Achieve Higher Academic Record

Swany Chiakrawati

Darma Persada University

ISLLE-846

Im a Teenager!

Fatma Said Al Khalifin

Ministry of Education

ISLLE-795

Media: Pros and Cons

Jyoti Sharma

Lovely Professional University

Oral Sessions Agenda

Chemical Engineering II/ Fundamental and Applied Sciences II

Koubai

14:45~16:15

Friday, November 8

Session Chair: *Prof. Heru Setyawan*

ICEAS-1744

Preparation of Mesoporous Silicas from Bagasse Ash Using Polyethylene Glycol Templating

Heru Setyawan	<i>Sepuluh Nopember Institute of Technology</i>
Nanik Astuti Rahman	<i>Sepuluh Nopember Institute of Technology</i>
Ika Widhiana	<i>Sepuluh Nopember Institute of Technology</i>
Sri Rachmania Juliastuti	<i>Sepuluh Nopember Institute of Technology</i>
Samsudin Affandi	<i>Sepuluh Nopember Institute of Technology</i>

ICEAS-1785

Photoelectrochemical Properties for Cu-Zn-Sn-Se Thin Films Prepared Using Selenization of Electrodeposited Cu-Zn-Sn Metal Precursors

Lin-Ya Yeh	<i>Chang Gung University</i>
Kong-Wei Cheng	<i>Chang Gung University</i>

ICEAS-1799

Optimal Design Based ANN with Input Variable Selection for Pale Crepe Rubber Processing

Chalisa Pournaw	<i>Prince of Songkla University</i>
Pornsiri Kaewpradit	<i>Prince of Songkla University</i>
Wachira Daosud	<i>Burapha University</i>

ICEAS-1766

Impulsive Vaccination of SPARS Model with Time Delays

Rinrada Thamchai	<i>Curtin University</i>
Yong Hong Wu	<i>Curtin University</i>

ICEAS-1770

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

Muzzalifah Abd Hamid *Universiti Sains Malaysia*

Mashhor Mansor *Universiti Sains Malaysia*

ICEAS-1771

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

Siti Norasikin Ismail *Universiti Sains Malaysia*

Mashhor Mansor *Universiti Sains Malaysia*

Hasnah Md. Jais *Universiti Sains Malaysia*

Oral Sessions Agenda

Electrical and Electronic Engineering II

Hagoromo

14:45~16:15

Friday, November 8

Session Chair: *Prof. C.J. Tay*

ICEAS-1777

PI Controller Design for Temperature Control System via the Lambert W Function

Terdsak Intachot

Valaya Alongkorn Rajabhat University

ICEAS-1786

Analysis and Design of a Single-Phase Unipolar Inverter Using Fuzzy-Based Complex Sliding Manifold Control

En-Chih Chang

I-Shou University

Yow-Chyi Liu

Kao Yuan University

Masahito Jinno

I-Shou University

ICEAS-1800

Design of Wideband Quasi-Triangle Comb Shaped Element Bowtie Antenna for Biomedical Monitoring Applications

Chumpon Patummakasorn

Valaya Alongkorn Rajabhat University

ICEAS-1835

MISO Current-mode Biquad Filter with Independent Control of Pole Frequency and Quality Factor

Koson Pitaksuttayaprot

Phetchabun Rajabhat University

Kritphon Phanrattanachai

Phetchabun Rajabhat University

Winai Jaikla

King Mongkut's Institute of Technology Ladkrabang

ICEAS-1886

Development of a Renewable Energy Micro Device

C.J. Tay

National University of Singapore

C. Quan

National University of Singapore

C Lee

National University of Singapore

H. Liu

National University of Singapore

ICEAS-1639

Optimum Loadability Improvement of Weak Buses using Shunt Capacitors to Enhance Voltage Stability Margin

Mir Sayed Shah Danish *The University of the Ryukyus*

Atsushi Yona *The University of the Ryukyus*

Tomonobu Senjyu *The University of the Ryukyus*

Oral Sessions Agenda

Computer and Information Sciences V

Nishiki

14:45~16:15

Friday, November 8

Session Chair: *Prof. Sutheera Puntheeranurak*

ICEAS-1934

A Novel IPTV Channel-Recommendation Mechanism

Hong-Yi Chang	<i>National Chiayi University</i>
Chih-Chun Lai	<i>National Chiayi University</i>
Zih-Huan Hong	<i>National Chiayi University</i>
Tu-Liang Lin	<i>National Chiayi University</i>
Yuan-Wei Lin	<i>Industrial Technology Research Institute</i>

ICEAS-1930

Combing Main Path Analysis, Citation Analysis and Text Mining Techniques to Trace the Conceptual Development Trajectory of a Research Field

Yi-Ning Tu	<i>Fu Jen Catholic University</i>
Shu-Lan Hsu	<i>Fu Jen Catholic University</i>

ICEAS-1945

The Enhanced Trust-based Filtering Recommender System with Review Helpfulness Weighting

Sutheera Puntheeranurak	<i>King Mongkuts Institute of Technology Ladkrabang</i>
Thanaphan Wongkamalasai	<i>King Mongkuts Institute of Technology Ladkrabang</i>

ICEAS-1950

Quality of Service (QoS) for Streaming Service on OpenFlow Network

Sutheera Puntheeranurak	<i>King Mongkuts Institute of Technology Ladkrabang</i>
Nipith Sa-ngarmangkang	<i>King Mongkuts Institute of Technology Ladkrabang</i>

ICEAS-1772

Identification for the Critical Function of Order Management System

Chao-Chen Hsieh

Fortune Institute of Technology

Jun-Zhi Chiu

Kao Fong College of Digital Contents

Oral Sessions Agenda

Life Sciences VII

Takara

15:15~16:45

Friday, November 8

Session Chair: *Prof. Ibrahim Faijulla Pailwan*

LSBE-869

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

Anik Martinah Hariati *University of Brawijaya*

Ating Yuniarti *University of Brawijaya*

Dewa Gede Raka Wiadnya *University of Brawijaya*

Aulanniam Aulanniam *University of Brawijaya*

LSBE-878

Physiological Evaluation of Mercury Exposure in Capsicum Frutescens L.

Juliana Janet Martin Puzon *University of the Philippines*

Frances Riel Baniqued
Elinzano *University of the Philippines*

William Patrick Buhian *University of the Philippines*

LSBE-893

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

David R Nelson *New York University*

L. Ghamsari *New York University*

P. Ng *Cornell University*

H. Cai *New York University*

A. Jaiswal *New York University*

X. Yang *Dana-Farber Cancer Institute and Harvard Medical School*

J.A. Papin *University of Virginia*

H. Yu *Cornell University*

S. Balaji *MRC Laboratory of Molecular Biolog*

K. Salehi-Ashtiani *New York University*

LSBE-1024

Fish species diversity its population dynamics and percent compositon in the commercial catches of fresh water habitats of Wai region (M.S.) India

Ibrahim Faijulla Pailwan *Kisan Veer Mahavidyalaya*

Deepak Vshwanath Muley *Shivaji University*

LSBE-1133

Enrichment, isolation and characterization of a methanotrophic bacterium from rumen

Tien-en Wei *Thunghai University*

Chi-Yu Huang *Thunghai University*

Neng-Wen Lo *Thunghai University*

Pai-Chun Hsiao *Thunghai University*

LSBE-752

The Effect of KMnO₄ and Active Carbon in Delaying Banana Ripening Stored in Bamboo Container

Rizkita Rachmi Esyanti *Institute Technology Bandung*

Fenny Martha Dwivany *Institute Technology Bandung*

Aksarani Sa Pratiwi *Institute Technology Bandung*

Dina Dina Hermawati *Institute Technology Bandung*

LSBE-1022

Isolation and Screening Indigenous Polystyrene Fungi Capable of Showing Potential in Degrading Styrofoam

Mutiara Pramudya Ningtyas *University of Padjadjaran*

Siti Nikmatin *Bogor Agricultural University*

Asri Peni Wulandari *University of Padjadjaran*

Oral Sessions Agenda

Education III

Suehiro

16:30~18:00

Friday, November 8

Session Chair: *Prof. Terry Royce*

ISLLE-013

Exploration into Reflective Teaching Practices of College Teachers in Indonesia

Umi Tursini

The University of New South Wales

ISLLE-102

Research Literacies for Researchers: Conceptualising the Literature Review

Terry Royce

University of Technology, Sydney

ISLLE-168

Teaching Expressive Writing To Students With Learning Disabilities: An Overview Of Russell Baker And Edwards Researched Based Approach

Alheri Franklin Chindaya

Federal College of Education, Kano

ISLLE-131

Argonauts of the Gentrified Working Class: Reconsidering Transnational Elite Class Theory in Light of Global Ethnographic Research in British Grammar Schools in Barbados

Cameron McCarthy

University of Illinois

ISBSS-2121

National Thailand Research University Ranking with h-index

Thanakorn Uiphanit

Suan Sunandha Rajabhat University

Jarumon Nookong

Suan Sunandha Rajabhat University

Aekkaphob Intraphoo

Suan Sunandha Rajabhat University

ISBSS-1382

Integrating Indonesian Indigenous Cultures Into English Language Teaching (Elt) To Promote Cultural Appreciation

Sry Mulya Kurniati

University of Indo Global Mandiri

Oral Sessions Agenda

Chemical Engineering III/ Material Sciences and Engineering III

Koubai

16:30-18:00

Friday, November 8

Session Chair: *Prof. Karnika Ratanapongleka*

ICEAS-1596

Removal of Phenol from Water by Crude Laccase-Immobilized Membrane

Karnika Ratanapongleka

Ubon Ratchathani University

ICEAS-1727

Heat Capacity and Electrical Conductivity of Aqueous Mixtures of N-Methyldiethanolamine (MDEA) and Ionic Liquids

Ahmad Shamiri

University of Malaya

Siti Norsamira Muhammad
Burhanuddin

University of Malaya

Rozita Yusoff

University of Malaya

Mohamed Kheireddine Arou

University of Malaya

Roya Aramesh

Qazvin Islamic Azad University

ICEAS-1799

Optimal design based ANN with input variable selection for pale crepe rubber processing

Chalisa Pournaw

Prince of Songkla university

Pornsiri Kaewpradit

Prince of Songkla university

Wachira Daosud

Burapha University

ICEAS-1854

Calcium Lactate Coated Electrospun Nylon-6 Fibers and Its Biomedical Applications

H. R. Pant

Tribhuvan University/ Chonbuk National University

C. H. Park

Chonbuk National University

M. K. Joshi

Chonbuk National University

C. S. Kim

Chonbuk National University

ICEAS-1740**The Effect of Ba Substitution to The Density of $\text{La}_{1-x}\text{Ba}_x\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_3$ Oxygen Ion Conducting Membrane**

Hamzah Fansuri

Institut Teknologi Sepuluh Nopember

Vivi Zulaicha

Institut Teknologi Sepuluh Nopember

Nurul Widiastuti

*Institut Teknologi Sepuluh Nopember***ACCMES-1069****A 3-D Hierarchical Structure Based on Carbon-Nanomaterials for Charge Storage**

Derrick Fam

Nanyang Technological University

Alfred Tok

Nanyang Technological University

Sue Azoubel

The Hebrew University of Jerusalem

Daniel Mandler

The Hebrew University of Jerusalem

Shlomo Magdassi

The Hebrew University of Jerusalem

Oral Sessions Agenda

Civil Engineering II

Hagoromo

16:30-18:00

Friday, November 8

Session Chair: *Prof. Vankudothu Bhikshma*

ICEAS-1697

Seismic Vulnerability Assessment of Concrete Pile Foundation

Mohammad Mohinuddin
Ahmed

Chittagong University of Engineering & Technology

Md. Jahangir Alam

Chittagong University of Engineering & Technology

Ing Uwe.E Dorka

University of Kassel

ICEAS-1837

Effect of Gravel Size and Content on Functional Properties of Pervious Concrete

Mongkhon Narmluk

King Mongkuts University of Technology Thonburi

ICEAS-1928

Strength Characteristics of Fly Ash Based Geopolymer Concrete with Addition of Ggbs

Vankudothu Bhikshma

Osmania University

Talapala Naveenkumar

Osmania University

ICEAS-1707

Influence of Fly Ash on Self-healing Performance in Cracked Concrete

Mohamed Zakaria

Muroran Institute of Technology/ Aswan University

Na Seung Hyun

Muroran Institute of Technology

Yukio Hama

Muroran Institute of Technology

ACCMES-1035**Modal Analysis of a Shaking Table Reaction Mass with Soil Interaction**

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

ACCMES-475**Effect of sand on strength characteristics of expansive soil for using as Subgrade of pavement**

Tapash Kumar Roy	<i>Bengal Engineering and Science University</i>
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Oral Sessions Agenda

Civil Engineering III

Nishiki

16:30-18:00

Friday, November 8

Session Chair: *Prof. Wang Yu-Min*

ICEAS-1942

Using UAV for Embankment Pavement Nondestructive Test

Chin-Ping Lin	<i>National Pingtung University of Science and Technology</i>
Yu-Min Wang	<i>National Pingtung University of Science and Technology</i>
Kui-Ting Chang	<i>National Pingtung University of Science and Technology</i>
Tung-Chih Chung	<i>National Pingtung University of Science and Technology</i>
Chou-Fu Liang	<i>National Pingtung University of Science and Technology</i>

ICEAS-1946

Improvement of alternate wetting/drying in irrigated lowland rice field in Tropical Climate conditions

Aime Severin Kima	<i>National Pintung University of Science and Technology</i>
Wen Guey Chung	<i>National Pintung University of Science and Technology</i>
Wang Yu-Min	<i>National Pintung University of Science and Technology</i>

ICEAS-1991

The Outcome of Erosion Control Practices on Sediment Yields of Shang-Ping River Watershed in Taiwan

Chin Ping Lin	<i>National Pintung University of Science and Technology</i>
Jih Jang Huang	<i>National Pintung University of Science and Technology</i>
Teng-Pao Chiu	<i>National Pintung University of Science and Technology</i>
Yu-Min Wang	<i>National Pintung University of Science and Technology</i>
Chou-Fu Liang	<i>National Pintung University of Science and Technology</i>

Poster Session Agenda

Life Sciences I

Ougi

09:00-10:00

Thursday, November 7

LSBE-596

A Fraction of Rubus idaeus Extracts Inhibits Invasion and Migration Potential of Human A549 Lung Cancer Cells by Suppression Epithelial-to-Mesenchymal Transition and Akt Pathway

Pei-Ni Chen

Chung Shan Medical University

LSBE -597

Hinokitiol Inhibits Cancer Invasion via Down-regulation of Proteinase and Rho Family Expression in Human Cervical Cancer Cells in Vivo and in Vitro

Meng-hsuan Lin

Chung Shan Medical University

Pei-Ni Chen

Chung Shan Medical University

LSBE -598

Koelreuteria formosana extract Inhibits the Invasion and Migration of Renal Carcinoma 786-O-SI3 Cells In Vitro and In Vivo

Chin-Yin Lin

Chung Shan Medical University

Pei-Ni Chen

Chung Shan Medical University

Yih-Shou Hsieh

Chung Shan Medical University

LSBE -642

MTHFR 677 C>T Polymorphism and Expression of the Angiogenesis Factors in Psoriasis Vulgaris.

Siaw Cheok Liew

International Medical University

Esha Das Gupta

International Medical University

Srikumar Chakravarthi

International Medical University

Shew Fung Wong

International Medical University

Nagarajah Lee

Open University Malaysia

LSBE -649**Co-contamination between Salmonella and Campylobacter on Chicken and Chicken Associated Samples at the Slaughterhouse in Khon Kaen, Northeastern Thailand**

Bongkot - Noppon	<i>Khon Kaen University</i>
Seri - Khaeng-air	<i>Khon Kaen University</i>
Prapansak - Chaveerach	<i>Khon Kaen University</i>
Pimsuree - Ussawingowit	<i>Khon Kaen University</i>
Apiradee - Sopa	<i>Khon Kaen University</i>

LSBE -651**Identification of 16 flower development related MADS genes of Bambusa edulis**

Choun-Sea Lin	<i>Academia Sinica</i>
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LSBE -666**Functional properties of cassava starch microsphere prepared by the emulsion crosslink technique**

Santhanee Pucha-arnon	<i>King Mongkut's University of Technology Thonburi</i>
Wittawat Jiranantakul	<i>King Mongkut's University of Technology Thonburi</i>
Dudsadee Uttapap	<i>King Mongkut's University of Technology Thonburi</i>

LSBE -676**Contents of Ascorbic acid and Citric acid in Sports Drinks**

Yong-Duk Park	<i>Kyung Hee University</i>
Jong-Hwa Jang	<i>Hanseu University</i>
Kyung-Suk Hwang	<i>Shinheung University</i>
Jong-Oh Kang	<i>Shinheung University</i>
Su-Min Yoo	<i>Kyung dong University</i>

LSBE -677**Simultaneous Quantitative Analysis of Bioactive Constituents in Herbal Remedies using Amperometric Detection**

Jung-Eun Park	<i>Kyung Hee University</i>
Ha-Jeong Kwon	<i>Kyung Hee University</i>
Kyung-Suk Hwang	<i>Shinheung University</i>
Su-Min Yoo	<i>Kyung Dong University</i>
Jong-Hwa Jang	<i>Hanseu University</i>

LSBE-689

Tyramine detection using PEDOT:PSS/AuNP/1-methyl-4-mercaptopyridium modified screen printed carbon electrode sensor and molecularly imprinted polymer solid phase extraction

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

LSBE-690

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

Young Suk Jung	<i>Seoul National University</i>
Sun Ju Kim	<i>Seoul National University</i>
Young Chul Kim	<i>Seoul National University</i>

LSBE-692

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

Khanh Quoc Hoang	<i>Institute of Tropical Biology, Vietnam Academy of Science & Technology</i>
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LSBE -702

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

Shih-Yu Zeng	<i>Fu Jen Catholic University</i>
Tsung-Yu Tsai	<i>Fu Jen Catholic University</i>

LSBE -704

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

Te-Hua Liu	<i>Fu Jen Catholic University</i>
Ru-Yu Dai	<i>Fu Jen Catholic University</i>
Tsung-Yu Tsai	<i>Fu Jen Catholic University</i>

LSBE -708**The iliac artery lengths in normal and abnormal aortoiliac arteries**

Porntip Boonruangsri	<i>Khon Kaen University</i>
Bussakorn Suwannarong	<i>Khon Kaen University</i>
Somsiri Ratanasuwan	<i>Khon Kaen University</i>
Kowit Chaisiwamongkol	<i>Khon Kaen University</i>
Wiphawi Hipkaeo	<i>Khon Kaen University</i>
Yanyong Toomsan	<i>Khon Kaen University</i>
Sitthichai Iamsaard	<i>Khon Kaen University</i>

LSBE -736**The inhibitory effects of genistein on melanogenesis in B16-F0 mouse melanoma cells**

Chia-Ren Chang	<i>Fu Jen Catholic University</i>
Tsung-Yu Tsai	<i>Fu Jen Catholic University</i>

LSBE -740**Water Footprint of Sugarcane Cultivation in Mae Sot District, Tak Province, Thailand**

Nattawut Sareein	<i>Chiang Mai University</i>
Chitchol Phalaraksh	<i>Faculty of Science, Chiang Mai University</i>
Munetsugu Kawashima	<i>Chiang Mai University</i>

LSBE -749**Film Formation and Moisture Properties of Hydrogels Made by Blending NaCMC with Agar and Corn Starch**

Watit Khokthong	<i>Chiang Mai University</i>
Paulo Josè do Amaral Sobral	<i>University of São Paulo</i>
Sutthathorn Chairuangsi	<i>Chiang Mai University</i>

LSBE -1064**Vascular Cell Adhesion Molecule-1 (VCAM-1) Protein Expression Profile in Biopsied Tissue of Metastatic Osteosarcoma Patient at Post-chemotherapy**

Sharaniza Ab-Rahim	<i>University Teknologi MARA</i>
Zulaika Roslan	<i>University Teknologi MARA</i>
Effat Omar	<i>University Teknologi MARA</i>
Tunku Kamarul	<i>University of Malaya</i>
Azura Mansor	<i>University of Malaya</i>

LSBE-675

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

Han-Chen Lin

National Taiwan University

I-Rue Lai

National Taiwan University

LSBE -1065**Antiviral Efficacy of a Synthesized Flavanoid-Derived Ligand on DENV2 Protease Gene Copies and Cytoskeleton Redistribution in Vitro**

Mudiana Muhamad *University Teknologi MARA*

Khuzaidatul Azidah Ahmad
Nazri *University Teknologi MARA*

Yean Kee Lee *University of Malaya*

Noorsaadah Abd Rahman *University of Malaya*

Rohana Yusof *University of Malaya*

Poster Session Agenda

Chemical Engineering

Ougi

11:00-12:00

Thursday, November 7

ICEAS-1646

Size Effect of Silver Nanoparticle Melted into Titanium Oxide Film for Photocatalytic Activity

Jung-Jie Huang

MingDao University

ICEAS-1661

Suppression of AKT/NF- κ B-associated signaling by deguelin inhibits cell migration and invasion on human non-small cell lung cancer NCI-H292 cells

Yung-Ting Hsiao

China Medical University

Jing-Gung Chung

China Medical University

ICEAS-1662

Quercetin promotes cell cycle arrest and induction of apoptosis in human oral cancer SAS cells through mitochondria/endoplasmic reticulum mediated signaling pathways

Chien-Ning Yao

China Medical University

Jing-Gung Chung

China Medical University

ICEAS-1663

Demethoxycurcumin induces DNA damage and inhibits DNA repair associated protein expressions in NCI-H460 human lung cancer cells

Yang-Ching Ko

China Medical University

Wu-Huei Hsu

China Medical University Hospital

Jing-Gung Chung

China Medical University

ICEAS-1664

Tetrandrine induced apoptosis in human nasopharyngeal carcinoma NPC-TW 076 cells through endoplasmic reticulum stress pathway

Ya Jing Lin

China Medical University

Jing Gung Chung

China Medical University

ICEAS-1665**Norcantharidin induced apoptosis and inhibited migration/invasion of human gastric cancer AGS cells**

Li Cheng Zheng *China Medical University*

Jing-Gung Chung *China Medical University*

ICEAS-1666**DL-Sulforaphane induce cell cycle arrest and apoptosis in human colon cancer HT 29 and HCT 116 cell lines**

Ting-Ying Shih *China Medical University*

Kuo-Ching Liu *China Medical University*

Jing-Gung Chung *China Medical University*

ICEAS-1667**Tetrandrine inhibits cell migration and invasion in Colon Cancer SW620 cells through the inhibition of MMP-1,-2,-9**

Ta-Kuo Juan *China Medical University*

Jing-Gung Chung *China Medical University*

ICEAS-1686**Synthetic peptides with antibacterial activity against methicillin-resistant *Staphylococcus aureus***

Nuanchawee Wetprasit *Ramkhamhaeng University*

Janthima Jaresitthikunchai *National Science and Technology Development Agency*

Narumon Phaonakrop *National Science and Technology Development Agency*

Wirat Danglad *Ramkhamhaeng University*

Sittiruk Roytrakul *National Science and Technology Development Agency*

ICEAS-1741**Microscopic Analysis of Caragana Korshinskii Kom towards a High Efficient Protein Extraction Process**

Cheng Zhong	<i>Tianjin University of Science and Technology</i>
Zhao Zhou	<i>Tianjin University of Science and Technology</i>
Zhuo Sun	<i>Tianjin University of Science and Technology</i>
Yu-Ming Zhang	<i>Tianjin University of Science and Technology</i>
Shi-Ru Jia	<i>Tianjin University of Science and Technology</i>

ICEAS-1783**Photoelectrochemical Application of Cu-Zn-Sn-S (CZTS) Semiconductor Thin Films Using the Sulfurization of Sputtering Method**

Kong-Wei Cheng	<i>Chang Gung University</i>
Jian Hao Chen	<i>Chang Gung University</i>

ICEAS-1968**Effect of Proteins on Networks of Peroxide Cross-linked Natural Rubber Elucidated by ¹H Double-quantum NMR**

Adun Nimpiboon	<i>Mahidol University</i>
Juan Lopez Valentin	<i>Instituto de Ciencia y Tecnología de Polímeros</i>
Jitladda Sakdapipanich	<i>Mahidol University</i>

ICEAS-1840**Thermal Pyrolysis of Cogongrass in a Twin Screw Reactor; Thermal Controlled, Product Yields and Chemical Composition**

Kittiphop Promdee	<i>Chulalongkorn University</i>
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LSBE-775**Preparation and Characterization of Nano-oilbodies for EGFR Overexpression Tumor Cell Targeting**

Chia-Pei Wu	<i>China Medical University</i>
Chung-Jen Chiang	<i>China Medical University</i>
Yun-Peng Chao	<i>Feng Chia University</i>

Poster Session Agenda

Education/ Language

Ougi

13:00-14:00

Thursday, November 7

ISLLLE-174

The Impact of Introduction and Background of the Sport Lottery in Taiwan

Yu-Wei Lin

National Dong Hwa University

ISLLLE-180

Factors Influencing the Career Development of Senior High School Athletes in Taiwan

Chun Chen Chan

National Taiwan Normal University

Su Ching Chen

National Taiwan Normal University

Yu Wei Lin

National Taiwan Normal University

ISLLLE-772

The Study on Promoting Professionalization of Japanese Football

Tsung-Yao Liao

National Taiwan Normal University

Chien-Shing Lee

National Taiwan Normal University

ISLLLE-10

The Effects of First Language Orthography on Second Language Reading: Evidence from Arabic Speakers Reading texts in English

Ibrahim Almainan

Al Imam Mohammad Ibin Saud Islamic University

Poster Session Agenda

Management

Ougi

13:00-14:00

Thursday, November 7

ISBSS-1380

The Impact of Implementing Knowledge Management on Firm Performance

Feng-Jyh Lin

Feng Chia University

Yung-Lung Lai

Feng Chia University

ISBSS-1357

Does Short-Term Orientation Improve Sunk Cost Effect?

Kuo Chih Cheng

National Changhua University of Education

Chung Yuan Lin

National Changhua University of Education

ISBSS-1377

Evaluating Process Performance for Very Low Fraction Defectives

Hung-Chin Lin

Vanung University

ISBSS-1426

The Exploration of Innovation Behavior and Personality on R&D Engineer

Han-Jen Niu

Tamkang University

Poster Session Agenda

Business/ Finance

Ougi

13:00-14:00

Thursday, November 7

ISBSS-1364

Earnings Management in Family Firms and Family Conglomerates-Evidence from Taiwan

Mei-Ling Yang

National Sun Yat-Sen University

Chun-Ming Chen

National Sun Yat-sen University

ISBSS-1338

Celebrity Second-Hand Commodities in Online Auctions: The Effects of Celebrity Attractiveness, Contagion, Auction Motivations, and Commodity Types on Consumer Responses

Hsuan-Yi Chou

National Sun Yat-sen University

ISBSS-1386

Portfolio Optimization with GA-based Fuzzy Mean-VaR Approach

Ping-Chen Lin

National Kaohsiung University of Applied Sciences

Po-Chang Ko

National Kaohsiung University of Applied Sciences

Poster Session Agenda

Computer and Information Sciences

Ougi

13:00-14:00

Thursday, November 7

ICEAS-1668

Comparison of Two Interval Models for Fuzzy-valued Differential Evolution

Hidehiko Okada

Kyoto Sangyo University

ICEAS-1676

Robust Design of Operating Window Experiments with Censored Data

Hsu-Hwa Chang

National Taipei College of Business

Tse-Chieh Lin

Lunghwa University of Science and Technology

Jui-Yen Yen

National Taipei College of Business

ICEAS-1692

A Time-Bound Key Management Scheme with Assured Deletion for Cloud Storage

Iuon-Chang Lin

Asia University

Mu-Ting Lin

National Chung Hsing University

ICEAS-1821

Design and Implementation of High Speed Banknotes Recognition System Based on DSP Architecture

Rong-Chin Lo

National Taipei University of Technology

Chien-Hung Chen

National Taipei University of Technology

ICEAS-1851

Benefit for a closed loop inventory system with price-sensitive return

Po-Chung Yang

St. John's University

X.C. Lai

St. John's University

ICEAS-1951

Functional Requirements for Psychological Factors on Evacuation Modeling and Simulation

Kayo Iizuka *Senshu University*

Yasuki Iizuka *Tokai University*

ICEAS-1961

Energy efficient Sink node Based MAC (SB-MAC) protocol for Wireless Sensor Networks

Seong Cheol Kim *SangMyung University*

Jun Heon Jeon *SangMyung University*

Poster Session Agenda

Electrical and Electronic Engineering

Ougi

15:00-16:00

Thursday, November 7

ICEAS-1656

Applying FMEA and QFD for improving packaging processes of Transistor

Hsiu-Wei Kuo *Feng Chia Univeristy*

Abbas Al-Refaie *University of Jordan*

Chao-Hsiung Yeh *Feng Chia University*

ICEAS-1720

Development of a Non-intrusive Load Monitoring System as an Electricity Energy Audit Relevant to Energy-saving Issues

Yu-Hsiu Lin *National Taipei University of Technology*

Men-Shen Tsai *National Taipei University of Technology*

Chiung-Chou Liao *Chien Hsin University of Science and Technology*

ICEAS-1817

Hybrid Intelligent Approaches for Fault Diagnosis of Rotating Machinery

Huo-Ching Sun *Cheng Shiu University*

Yann-Chang Huang *Cheng Shiu University*

Chien-Yuan Liu *Cheng Shiu University*

ICEAS-1838

An Investigation of Wind and Solar Energy in Iran

Misagh Pashakhani *Islamic Azad University*

Mahdi Sobhanipour *Islamic Azad University*

ICEAS-1844

Non-Contact Detection Technique for Triboelectricity Based on Electrostatic Induction

Koichi Kurita *Kinki University*

Poster Session Agenda

Mechanical Engineering

Ougi

15:00-16:00

Thursday, November 7

ICEAS-1732

Design of a piezoelectric micro pump imitating stomach's peristalsis depending on the phase difference

Yeongmin Na

Changwon National University

Hyunseok Lee

Changwon National University

ICEAS-1936

The determination maximal workspace for planar five bar mechanism

Demei Lee

Chang Gung University

Hsiang Hsu

Chang Gung University

Poster Session Agenda

Material Sciences and Engineering

Ougi

15:00-16:00

Thursday, November 7

ACCMES-1084

Metallurgical Requirements for the Production of Heavy Section Ductile Irons With High Sub-zero Impact Property

Yung-Ning Pan

National Taiwan University

Re-Mo Chang

Metal Industries Research & Development Center

Hsuan-Te Lin

National Taiwan University

ICEAS-1718

Interfacial Microstructure Characteristics of Sn-1Ni and SAC105 alloys using EIC Process in Photovoltaic Ribbon

Tsung Mao Chuang

National Cheng Kung University

Fei Yi Hung

National Cheng Kung University

Truan Sheng Lui

National Cheng Kung University

Dai Wen Qiu

National Cheng Kung University

ICEAS-1719

A Study in Zinc Oxide-Titanium-Silicon Structure Using an Electrical Induced Crystallization (EIC) Method

Yen-Ting Chen

National Cheng Kung University

Fei-Yi Hung

National Cheng Kung University

Truan-Sheng Lui

National Cheng Kung University

Shoou-Jinn Chang

National Cheng Kung University

ICEAS-1728

Preparation and Magnetoelectric Properties of Polymer-Based NiFe₂O₄ Composite for Efficient Wireless Power Transfer

Yi-Hao Pai

National Dong Hwa University

Yu-Juin Chen

National Dong Hwa University

ICEAS-1775

Visible emission related to Si and Ge quantum dots

Chih-cheng Kao	<i>Southern Taiwan University of Science and Technology</i>
Wei-Chin Wang	<i>Southern Taiwan University of Science and Technology</i>

ICEAS-1903

Deodorization of Skim Natural Rubber by Macca Charcoal

Jitladda Sakdapipanich	<i>Mahidol University</i>
Phawasoot Rodgerd	<i>Mahidol University</i>

ICEAS-1739

Preparation of LSCF 7382, BSCF 5582 and SCF 182 Asymmetric Membrane by Dry Pressing Method

Nurul Widiastuti	<i>Institut Teknologi Sepuluh Nopember</i>
Prestika Yustisi	<i>Institut Teknologi Sepuluh Nopember</i>
Hamidatul Kusniyah	<i>Institut Teknologi Sepuluh Nopember</i>
Wahyu Prasetyo Utomo	<i>Institut Teknologi Sepuluh Nopember</i>
Hamzah Fansuri	<i>Institut Teknologi Sepuluh Nopember</i>

ICEAS-1729

A Novel Route for Synthesizing Multicomponent Oxide Compounds Ultrafine Particles in Supercritical Water System

Bo Li	<i>Shandong University</i>
Lili Chen	<i>Shandong University</i>
Xutang Tao	<i>Shandong University</i>

ICEAS-1959

Synthesis of Gd Doped Fe₃O₄ Nanoparticles and Their Magnetic Properties

Yunbo Lv	<i>National University of Singapore</i>
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Poster Session Agenda

Biomedical Engineering

Ougi

9:00-10:00

Friday, November 8

ICEAS-1582

Recovery of potassium chloride from sintering fume of ironmaking works

Bin Pei	<i>University of Science and Technology, Beijing</i>
Guang Zhan	<i>University of Science and Technology, Beijing</i>
Zhancheng Guo	<i>University of Science and Technology, Beijing</i>

ICEAS-1683

A biomechanical study of cervical spinal motion and facet joint force as it relates to articulating surface designs and constrained types of total disc arthroplasty

Chien-Yu Lin	<i>National Taipei University of Technology</i>
Shih-Yeong Chuang	<i>Tri-Service General Hospital</i>
Ching-Lung Tai	<i>Chang Gung University</i>
Weng-Pin Chen	<i>National Taipei University of Technology</i>

ICEAS-1687

An antibacterial of modified peptide; Brucin2, against Staphylococcus epidermidis and Streptococcus pyogenes

Thakorn Sornwatana	<i>Mahidol University</i>
Teerakul Arpornsuwan	<i>Thammasat University</i>
Sittiruk Roytrakul	<i>National Science and Technology Development Agency</i>
Nuanchawee Wetprasit	<i>Ramkhamhaeng University</i>
Sunanta Ratanapo	<i>Kasetsart University</i>

ICEAS-1695**The Effect of Microstructures on the Bio-corrosion Behavior and Biocompatibility of Magnesium alloy**

Da-Jun Lin	<i>National Cheng Kung University</i>
Fei-Yi Hung	<i>National Cheng Kung University</i>
Truan-Sheng Lui	<i>National Cheng Kung University</i>
Ming-Long Yeh	<i>National Cheng Kung University</i>

ICEAS-1712**Multimodal image-guided photothermal therapy enhance the delivery of nanomedicine for diagnosis and therapy of cancer**

Cheng-Liang Peng	<i>National Taiwan University</i>
Ying-Hsia Shih	<i>National Taiwan University</i>
Pei-Chi Lee	<i>National Taiwan University</i>
Shin-Yu Lee	<i>National Taiwan University</i>
Cheng-Jung Yao	<i>Wan Fang Hospital</i>
Ming-Jium Shieh	<i>National Taiwan University</i>

ICEAS-1716**A Novel Multifunctional Nanomedicine for Magnetic Resonance Imaging and Treatment of Cancer**

Shin-Yu Lee	<i>National Taiwan University</i>
Chia-Ying Yang	<i>National Taiwan University</i>
Cheng-Liang Peng	<i>National Taiwan University</i>
Cheng-Jung Yao	<i>Wan Fang Hospital; Taipei Medical University</i>
Pei-Chi Lee	<i>National Taiwan University</i>
Ming-Jium Shieh	<i>National Taiwan University</i>

ICEAS-1730**Biomechanical comparison of different combinations of hook and screw in one spine motion unit- an experiment in porcine model**

Ching-Lung Tai	<i>Chang Gung University</i>
Po-Liang Lai	<i>Chang Gung Memorial Hospital</i>
Yi-Ting Chen	<i>Chang Gung University</i>

ICEAS-1754

Fabrication and Characterization of Chitosan/Poly(vinyl alcohol) Composite Electrospun Nanofibrous Scaffold for Skin Substitute

Oraphan Chaisiri	<i>Mahidol University</i>
Noppavan Chanunpanich	<i>King Mongkut's Institute of Technology North Bangkok</i>
Borisut Sanmano Hanpanich	<i>Mahidol University</i>
Krittayot Phawong	<i>Mahidol University</i>
Siwaj Thirawongsak	<i>Mahidol University</i>

ICEAS-1756

Dried plums Inhibited E. coli Heat-Labile Enterotoxin-Induced Diarrhea through Blocking the Toxin and GM1 Interaction

Jaw-Chyun Chen	<i>Da-Yeh University</i>
Tin-Yun Ho	<i>Institute of Chinese Medical Science</i>
Jiun-Long Yang	<i>China Medical University</i>
Chien-Yun Hsiang	<i>China Medical University</i>

ICEAS-1805

Study about C5L2; C5as receptor role with bioinformatics

Kyoungmin Kim	<i>Hankuk Academy of Foreign Studies</i>
Heewon Lee	<i>Hankuk Academy of Foreign Studies</i>
Bin Jang	<i>Hankuk Academy of Foreign Studies</i>
Taeseon Yoon	<i>Hankuk Academy of Foreign Studies</i>

ICEAS-1843

Determining Topology of Transmembrane Protein by Hydrophobicity-based LVQ and K-means

Yae Eun Hwang	<i>Hankuk Academy of Foreign Studies</i>
Hee Jee Yun	<i>Hankuk Academy of Foreign Studies</i>
Taeseon Yun	<i>Hankuk Academy of Foreign Studies</i>

ICEAS-1883**The Analysis of H5N1 Amino Acid using Artificial Intelligence Neural Network**

Dae Young Kim	<i>Hankuk Academy of Foreign Studies</i>
Jun Hyeok Bae	<i>Hankuk Academy of Foreign Studies</i>
Hye Jun Kim	<i>Hankuk Academy of Foreign Studies</i>
Tae Seon Yoon	<i>Hankuk Academy of Foreign Studies</i>

ICEAS-1902**The effect of necrotic lesion size and orientation of femoral component on the stress distribution for hip resurfacing in femoral head osteonecrosis- a finite element simulation**

Ching-Lung Tai	<i>Chang Gung University</i>
Mu-Yi Liu	<i>Chang Gung University</i>
Yung-Chou Chen	<i>Chang Gung University</i>
Jui-Chien Sun	<i>Chang Gung University</i>
Pang-Hsin Hsieh	<i>Chang Gung Memorial Hospital</i>

ICEAS-1909**DNA Sequence Pattern Algorithm using Rough Set Theory**

Byeongjun Park	<i>Hankuk Academy of Foreign Studies</i>
Hyungkwon Ko	<i>Hankuk Academy of Foreign Studies</i>
Yusin Kim	<i>Hankuk Academy of Foreign Studies</i>
Taeseon Yoon	<i>Hankuk Academy of Foreign Studies</i>

ICEAS-1916**Naphthalocyanine Dispersed Nanomedicine for Near-infrared Photodynamic Therapy**

Wei Liu	<i>Shandong University</i>
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Poster Session Agenda

Biological Engineering

Ougi

11:00-12:00

Friday, November 8

LSBE-663

Biosensor Development based on a Class C Beta-lactamase

Sze Yan Liu

State Key Laboratory of Chirosciences, The Hong Kong Polytechnic University

LSBE-687

Monophasic Synthesis of Phospholipid-Capped Nanoparticles and Their Application in the Measurement of Phospholipase A2 Activity

Ja-an Annie Ho

National Taiwan University

Si-Han Chen

National Tsing Hua University

Yen-Pang Hsu

National Taiwan University

Hsin-Yi Lu

National Taiwan University

LSBE-721

Industrial Production of Aldehydes from their Corresponding Alcohols by Biotransformation using *Gluconobacter* Mutant.

Kyoungju Kim

Sejong University

Cindy Eunyong Ryu

Sejong University

Augustine Yonghwi Kim

Sejong University

LSBE-729

Formation of control-shaped silica crystals, using recombinant silicatein and cathepsin of marine sponge *Latrunculia oparinae*

Dmitry Kamenev

Institute of Biology and Soil Science FEB RAS

Galina Veremeichik

Institute of Biology and Soil Science FEB RAS

Svetlana Kovalchuk

Pacific Institute of Bio-Organic Chemistry

Yuri Shkryl

Institute of Biology and Soil Science FEB RAS

Tatiana Gorpenchenko

Institute of Biology and Soil Science FEB RAS

LSBE-730

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

Tatiana Viktorovna Avramenko	<i>Institute of Biology and Soil Sciences</i>
Yuri Nikolaevich Shkryl	<i>Institute of Biology and Soil Sciences</i>
Galina Nikolaevna Veremeichik	<i>Institute of Biology and Soil Sciences</i>
Viktor Pavlovich Bulgakov	<i>Institute of Biology and Soil Sciences</i>

LSBE-807

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

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

LSBE-819

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

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

LSBE-848

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

Jiunn-Der Liao	<i>National Cheng Kung University</i>
Sivashanmugan Kundan	<i>National Cheng Kung University</i>
Chih-Kai Yao	<i>National Cheng Kung University</i>
Minh-Hien Ngo Thi	<i>National Cheng Kung University</i>
Pei-Lin Shao	<i>National Cheng Kung University</i>

LSBE-1000**In Vitro Seed Germination and Micropropagation of Taraxacum Kok-Saghyz Rodin**

Kairat Uteulin	<i>Institute of Plant Biology and Biotechnology</i>
Serik Mukhambetzhano	<i>Institute of Plant Biology and Biotechnology</i>
Izbasar Rakhimbaev	<i>Institute of Plant Biology and Biotechnology</i>

LSBE-1057**Application of Novel Methylcalix[4]resorcinarene-based Chiral Stationary Phases in Enantioseparation**

Wang Xiaochong	<i>National University of Singapore</i>
Zhao Jia	<i>National University of Singapore</i>
Soh Shu Fang	<i>National University of Singapore</i>
Gong Yinhan	<i>National University of Singapore</i>

LSBE-1015**Polybutylcyanoacrylate Nanoparticles for Delivering Hormone Response Element-Conjugated Neurotrophin-3 to the Brain of Intracerebral Hemorrhagic Rats**

Yung-Chih Kuo	<i>National Chung Cheng University</i>
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LSBE-1050**A convenient one pot synthesis of 2-Amino 4H-chromenes in the presence of CES catalyst: A Green approach.**

Rajendra Vishwanath Shejwal	<i>Shivaji University</i>
S. D. Jadhav	<i>Shivaji University</i>
Suresh Patil	<i>Shivaji University</i>

LSBE-646

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

Wen-Liang Chen	<i>National Chiao Tung University</i>
Yu-Shiun Chen	<i>National Chiao Tung University</i>
Chia-Hui Lee	<i>National Chiao Tung University</i>
Shih-Han Syu	<i>National Chiao Tung University</i>
G. Steven Huang	<i>National Chiao Tung University</i>

Poster Session Agenda

Life Sciences II

Ougi

11:00-12:00

Friday, November 8

LSBE-769

Antipsychotic Drugs Modulate RhoA-mediated Protein Expression Changes of ARHGDIA Signaling Pathway in C6 Glial Cells

Maoliang Chen

Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation.

LSBE-788

Novel Chitosan/PVP Hydrogel Loaded with Rhus Coriaria L (Sumac) Extract: Collaboration of Iranian Traditional Medicine and Novel Drug Delivery Systems in Wound Healing

Seyed Hossein Hajimiri

Tehran University of Medical Sciences

Mir Hamed Hajimiri

Tehran University of Medical Sciences

Mohammadamin Esfandiyari

Tehran University of Medical Sciences

Ahmadreza Dehpour

Tehran University of Medical Sciences

Rassoul Dinarvand

Tehran University of Medical Sciences

LSBE-790

Genistein Inhibited the PMA-induced Mast Cell Activation through the Regulation of ERK Pathway

Dong Hwan Kim

Chosun University

Mi Eun Kim

Chosun University

Ju Hwa Yoon

Chosun University

Jae Kyeong Oh

Chosun University

Young Ung Park

Chosun University

Chi Joong Kim

Chosun University

Haeng-Nam Lee

Chosun University

Jun Sik Lee

Chosun University

LSBE-686**Role of Tunicamycin for Mechanism of Action and Cellular Localization of Multi-drug Resistance Proteins Especially for P-gp and BCRP**

Karolina Wojtowicz *Poznań University of Medical Sciences*

Radosław Januchowski *Poznań University of Medical Sciences*

Michał Nowicki *Poznań University of Medical Sciences*

LSBE-696**Molecular Changes in MIF Gene in Children with Idiopathic Nephrotic Syndrome**

Monika Świerczewska *Poznań University of Medical Sciences*

Danuta Ostalska-Nowicka *Poznań University of Medical Sciences*

Bartosz Kempisty *Poznań University of Medical Sciences*

Katarzyna Zaorska *Poznań University of Medical Sciences*

Michał Nowicki *Poznań University of Medical Sciences*

Poster Session Agenda

Fundamental and Applied Sciences

Ougi

11:00-12:00

Friday, November 8

ICEAS-1672

Solvation of RhB in some Solvents

Amit Sharma

Bharati Vidyapeeth's College of Engineering

ICEAS-1863

Effect of Extender on Preservation of Native Chicken “Luang hang kao” Spermatozoa

Thipsuda Boonmatan

*Institute of Agricultural Technology Suranaree
University of Technology*

Samorn Ponchunchoovong

*Institute of Agricultural Technology Suranaree
University of Technology*

Theerachai Chormai

Krabinburi Livestock Research and Development Center

Thevin Vongpralub

Khon Kaen University

ICEAS-1973

Dielectric Properties of the PVDF/BSTZ Composite Films

Chia-Ching Wu

Kao Yuan University

Poster Session Agenda

Life Sciences III

Ougi

13:00-14:00

Friday, November 8

LSBE-795

Galangin Suppresses Inflammatory Response: A Potential Adjuvant for a New Scaffold Coating Material

Ju Hwa Yoon	<i>Chosun University</i>
Mi Eun Kim	<i>Chosun University</i>
Dong Hwan Kim	<i>Chosun University</i>
Jae Kyeong Oh	<i>Chosun University</i>
Chi Joong Kim	<i>Chosun University</i>
Young Ung Park	<i>Chosun University</i>
Haeng-Nam Lee	<i>Chosun University</i>
Jun Sik Lee	<i>Chosun University</i>

LSBE-799

Growth and Productivity of Planted Space Flown Tomato Seed

Rizkita Rachmi Esyanti	<i>Institute Technology Bandung</i>
Maria-Almeida	<i>Institute Technology Bandung</i>
Feny Martha Dwivany	<i>Institute Technology Bandung</i>

LSBE-809

The Effect of B7-H3 on CD4+ T Lymphocyte Activation in Vitro

Mi Eun Kim	<i>Chosun University</i>
Dong Hwan Kim	<i>Chosun University</i>
Ju Hwa Yoon	<i>Chosun University</i>
Jun Sik Lee	<i>Chosun University</i>

LSBE-811**The Dietary Flavonoids Quercetin and luteolin Inhibit EMT Transition by Depleting E2EPF Expression**

Tsung-Han Lin	<i>National Taiwan University</i>
Pei-Hsun Tsai	<i>Academia Sinica</i>
Chun-Yu Lin	<i>Academia Sinica</i>
Ming-Ting Lee	<i>Academia Sinica</i>
Chia-Hsiung Cheng	<i>Taipei Medical University</i>

LSBE-815**Two Dietary Flavonoids Inhibit Stemness, Vasculogenic Mimicry and Metastasis of Highly Invasive Prostate Cancer Subline**

Pei-Hsun Tsai	<i>Academia Sinica</i>
Chia-Hsiung Cheng	<i>Taipei Medical University</i>
Chun-Yu Lin	<i>Academia Sinica</i>
Tsung-Han Lin	<i>National Taiwan University</i>
Yo-Chuen Lin	<i>National Taiwan University</i>
Ming-Ting Lee	<i>Academia Sinica</i>

LSBE-828**Effect of Menthol on Thermo-Induced Cell Membrane**

Pooja Gusain	<i>Japan Advanced Institute of Science and Technology</i>
Tsuyoshi Yoda	<i>Japan Advanced Institute of Science and Technology</i>
Naofumi Shimokawa	<i>Japan Advanced Institute of Science and Technology</i>
Masahiro Takagi	<i>Japan Advanced Institute of Science and Technology</i>

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

Sheherazade	<i>University of Indonesia</i>
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LSBE-852**The Effect of Anthropogenic Activity on Mangrove Area in Panjang Island, Banten, Indonesia**

Primanda Rizki Arsyitamiyanti	<i>Institute Technology Bandung</i>
Devi Nandita Choesin	<i>Institute Technology Bandung</i>

LSBE-883**The Antidepressant-like Activity of *Antidesma velutinsum* Blume. in Depressive Mice Model**

Yaowared Chulikhit	<i>Khonkaen University</i>
Chantana Boonyarat	<i>Khonkaen University</i>
Suphawadee Daodee	<i>Khonkaen University</i>

LSBE-885**Neuroprotective Effect of Thai Herb *Alternanthera Sessilis* on Ovariectomized Mice**

Orawan Monthakantirat	<i>Khonkaen University</i>
Charinya Khamphukdee	<i>Khonkaen University</i>
Pattanan Pattraeattamrong	<i>Khonkaen University</i>
Yaowared Chulikhit	<i>Khonkaen University</i>

LSBE-886**Determination of β -carotene in *Bouea Macrophylla* Griffith and *Antidesma Velutinsum* Blume**

Supawadee Daodee	<i>Khonkaen University</i>
Chompun Puchongmas	<i>Khonkaen University</i>
Yaowares Chulikhit	<i>Khonkaen University</i>
Chantana Boonyarat	<i>Khonkaen University</i>

LSBE-1002**Function of Chromokinesin KIF4A in Interphase**

Zi Jia Khong	<i>Nanyang Technological University</i>
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LSBE-1031**The Behavioral Model of the Cancer Screening Utilizer Based on Theory of Reasoned Action**

Fen Fen Huang	<i>Oriental Institute of Technology</i>
Chih-Dao Chen	<i>Far Eastern Memorial Hospital</i>
Yi-Horng Lai	<i>Oriental Institute of Technology</i>
Hsieh-Hua Yang	<i>Oriental Institute of Technology</i>

LSBE-1108**Risk Assessment In Terms of Campylobacter Concentration at the Slaughterhouse in Khon Kaen Province, Northeastern Thailand**

Pimsuree-Ussawingowit	<i>Khonkaen University</i>
Chaiyaporn Soikum	<i>Khonkaen University</i>
Nirapan Vongsahi	<i>Khonkaen University</i>
Bongkot Noppon	<i>Khonkaen University</i>
Prapansak Chaveerach	<i>Khonkaen University</i>

LSBE-1117**Synthesis of Bestatin Analogues via a Novel Synthetic Method**

Youngran Seo	<i>Seoul National University</i>
Young Gyu Kim	<i>Seoul National University</i>

LSBE-756**Autophagy Is the Preferred Pathway of Niclosamide-Induced Programmed Cell Death in Human Non-Small Cell Lung Cancer**

Yi-Rong Li	<i>National Chung Hsing University</i>
Zhao Ya-Xuan	<i>National Chung Hsing University</i>
Chi Chen Lin	<i>National Chung Hsing University</i>

LSBE-1027**Cortisol, β -Endorphin and Oxidative Stress Markers in Healthy Medical Students in Response to Examination Stress**

Kyaimon Myint	<i>University of Malaya</i>
R Jayakumar	<i>University of Malaya</i>
See-Ziau Hoe	<i>University of Malaya</i>
M S Kanthimathi	<i>University of Malaya</i>
Sau-Kuen Lam	<i>University of Malaya</i>

LSBE-1052**Determination of Androgens and Estrogens in Prostate Cells by Liquid Chromatography Tandem Mass Spectrometry and Reporter-gene Bioassays**

Shu Fang Soh	<i>National University of Singapore</i>
Hui Hoon Yeo	<i>Nanyang Technological University</i>
Chong Hui Tiew	<i>Nanyang Technological University</i>
Yinhan Gong	<i>National University of Singapore</i>

LSBE-997**Tacrine-heptaphylline Hybrid: a Potential Multifunctional Agent for the Treatment of Alzheimer's Disease**

Chantana Boonyarat	<i>Khon Kaen University</i>
Supatra Thiratmatrakul	<i>Khon Kaen University</i>
Chavi Yenjai	<i>Khon Kaen University</i>
Pornthip Waiwut	<i>Ubon Rachathani University</i>
Michihisa Tohda	<i>University of Toyama</i>

Poster Session Agenda

Civil Engineering

Ougi

15:00-16:00

Friday, November 8

ACCMES-1029

Unconfined Lap Splice Tests Using High-Strength Headed Bars

Sung-Chul Chun

Mokpo National University

ACCMES-1042

Efficient Vibration Analysis of Stadium Structure

Gee-Cheol Kim

Seoil University

Joo-Won Kang

Yeungnam University

ACCMES-1077

A Crack Bridging Model for Fibre Reinforced Cementitious Composites with Slip-Hardening Interface

Ting Huang

University of New South Wales

Y.X. Zhang

University of New South Wales

ACCMES-1015

Effect of Pozzolanic Additive on Concrete Durability – A review

Payam Khalaj

Islamic Azad University

ICEAS-1861

Probabilistic Sensitivity Assessment of Composite Steel Beam Exposed to Fire

Okorie Austine Uche

Bayero University

Idris Haruna Muhammad

Jigawa Polytechnic

Poster Session Agenda

Environmental Sciences

Ougi

15:00-16:00

Friday, November 8

ACCMES-1000

Degradation of the organic compounds in water by using the Calcium Bismuthate - Bismuth Oxide Photocatalyst Composition

Dmitry Sergeevich Shtarev *Far Eastern State Transport University*

Anna Vladimirovna Shtareva *Far Eastern State Transport University*

Svetlana Anatol'evna
Malinovskaya *Far Eastern State Transport University*

ICEAS-1574

Developing an AHP-Based Model for Prioritizing Drivers of Sustainable Competitive Advantages in Green Supply Chain Management: Resource-Based and Relational Views

Nisakorn Somsuk *Eastern Asia University*

Pongtiwa Pongpanich *Eastern Asia University*

Sombat Teekasap *Eastern Asia University*

ICEAS-1677

Kinetics Study of the Accelerated Carbon Dioxide Dissolution with Limestone

Yu-Shao Chen *Chung Yuan University*

Pei-Shan Hsieh *Industrial Technology Research Institute*

Ming-Hui Chang *Industrial Technology Research Institute*

ICEAS-1796

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

Tansita Arnanteerakul	<i>Khonkaen university</i>
Wilaiwan Mothong	<i>Khonkaen university</i>
Atthapon Pidasaya	<i>Khonkaen university</i>
Amnart Chaichun	<i>Khonkaen university</i>
Vitoon Prasongwatana	<i>Khonkaen university</i>
Tansita Arnanteerakul	<i>Khonkaen university</i>
Hisatake Kondo	<i>Khonkaen university</i>
Wiphawi Hipkao	<i>Khonkaen university</i>

ICEAS-1798**Higher Level of Cadmium (Cd)-accumulation in the Liver of Cadavers with History of Liver Diseases**

Tansita Arnanteerakul	<i>Khonkaen university</i>
Atthapon Pidasaya	<i>Khonkaen university</i>
Amnart Chaichun	<i>Khonkaen university</i>
Vitoon Prasongwatana	<i>Khonkaen university</i>
Wilaiwan Mothon	<i>Khonkaen university</i>
Wiphawi Hipkaeo	<i>Khonkaen university</i>
Hisatake Kondo	<i>Khonkaen university</i>
Tarinee Sawatpanich	<i>Khonkaen university</i>

ICEAS-1807**Using Butterfly Pea Anthocyanin Extract as pH Indicator**

Nalin Sittitoon	<i>Suranaree University of Technology</i>
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Poster Session Agenda

Life Sciences IV

Ougi

15:00-16:00

Friday, November 8

LSBE-1042

STUDY OF PROTEINS AND PROTEASES ACTIVITY DURING PERIOD OF EMBRYOGENESIS OF ARMY WORM MYTHIMNA SEPARATA

Ramrao Gunda Patil

Shivaji University

Dipalee Jadhav

Shivaji University

LSBE-1034

Study the Effects of IMD – 0354 analog on Dendritic Cells Functions and Its Application in Treating Rheumatoid Arthritis

Ya Hsuan Chao

National Chung Hsing University

Chi Chen Lin

National Chung Hsing University

LSBE-1076

Enrichment and partial characterization of autotrophic ammonia oxidizing archaeon from freshwater aquarium

Pai-Chun Hsiao

Tunghai University

Chi-Yu Huang

Tunghai University

LSBE-1075

RISK FACTORS OF CHILDHOOD LEUKEMIA AT TIRIPOLI MEDICAL CENTER IN LIBYA

Abdurrauf Mohamed Gusbi

Tripoli University

Ebtisam Ayad Benomran

Mergeb University

Mahmod A Rahima

Tripoli University

Ensherah M Benzekre

Tripoli University

LSBE-1139**Clinical Evaluation of Lamivudine Regimen in Hepatitis-B Patients at Tripoli Medical Center**

Ebtisam Ayad Benomran	<i>Almergeb University</i>
Abdurrauf Mohamed Gusbi	<i>Tripoli University</i>
Mahmod Husien Arhima	<i>Tripoli University</i>
Mohamed A Koha	<i>Tripoli University</i>

LSBE-1068**The Optimisation of Recombinant Human Insulin like Growth Factor 1 (hIGF-1) in Escherichia Coli BL21 Strain**

Sarawut Ounjai	<i>Chiangmai University</i>
Kittisak Buddhachat	<i>Chiangmai University</i>
Tawan Chokepaichitkool	<i>Chiangmai University</i>
Maslin Osathanunkul	<i>Chiangmai University</i>
Siriwan Ongchai	<i>Chiangmai University</i>

LSBE-1056**“Kaas plateau” A World Natural Heritage Site in Western Ghat: Threats and Conservation Strategies**

Shekhar Abasaheb Mohite	<i>Shivaji University, Kolhapur</i>
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LSBE-1081**Chitosan-immobilized Lipase from Bacillus sp.**

Patcharanan Amornrattanapan	<i>Burapha University</i>
Authaiwan Jantachot	<i>Burapha University</i>
Kamontip Suksawang	<i>Burapha University</i>

LSBE-1066**A Comparison of Quality and Quantity of DNA Extracted from 10% Formalin-fixed Canine Tissues**

Pollawath Leelawattanakul	<i>Chiangmai University</i>
Siriwadee Chomdej	<i>Chiangmai University</i>
Korakot Nganvongpanit	<i>Chiangmai University</i>
Maslin Osthankul	<i>Chiangmai University</i>
Waranee Pradit	<i>Chiangmai University</i>

LSBE-1025

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

Ping-Chiang Lyu

National Tsing hua University

Yi-Yun Cheng

National Tsing hua University

LSBE-1086

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

Sanjay Raosaheb Biradar

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