

Conference Program

May, 2015
Kyoto, Japan

ICNSE

International Congress on Natural Sciences and
Engineering

ICCBES

International Congress on Chemical, Biological
and Environmental Sciences

ICSSAM

International Conference on Social Science and
Management

ISEPSS

International Symposium on Education,
Psychology and Social Sciences

ICEAI

International Congress on Engineering and
Information

ICNSE

International Congress on Natural Sciences and Engineering

ISBN 978-986-87417-8-2

ICCBES

International Congress on Chemical, Biological and Environmental Sciences

ISBN 978-986-87417-8-2

ICSSAM

International Conference on Social Science and Management

ISBN 978-986-89536-9-7

ISEPSS

International Symposium on Education, Psychology and Social Sciences

ISBN 978-986-89844-4-8

ICEAI

International Congress on Engineering and Information

ISBN 978-986-88450-4-6

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General Information for Participants

Information and Registration

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

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

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

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

Organizer



Higher Education Forum (HEF)



Tel: + 886 2 2740 1498 | www.prohef.org

Presentations and Equipment

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

A Polite Request to All Participants

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



Sandals or Slippers



Tank Top



Shorts

Poster Sessions & Poster Requirements

Materials Provided by the Conference Organizer:

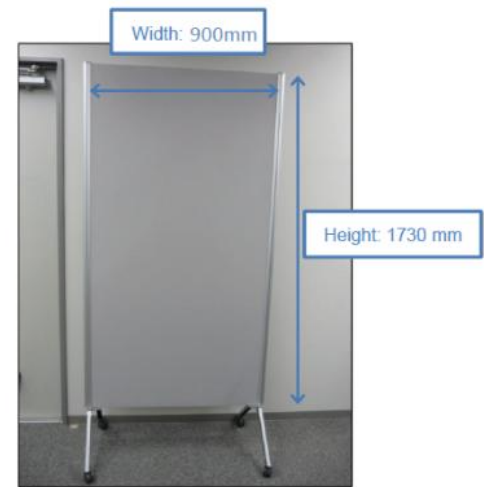
1. Poster Panel (90cm×173cm)
2. Push pins

Materials Prepared by the Presenters:

1. Home-made Poster(s)

Requirement for the Posters:

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



(Example)



Conference Venue Information

Kyoto Research Park

Tel: +81-75-322-7800

Address: 134, Chudoji Minami-machi, Shimogyo-ku, Kyoto 600-8813, Japan

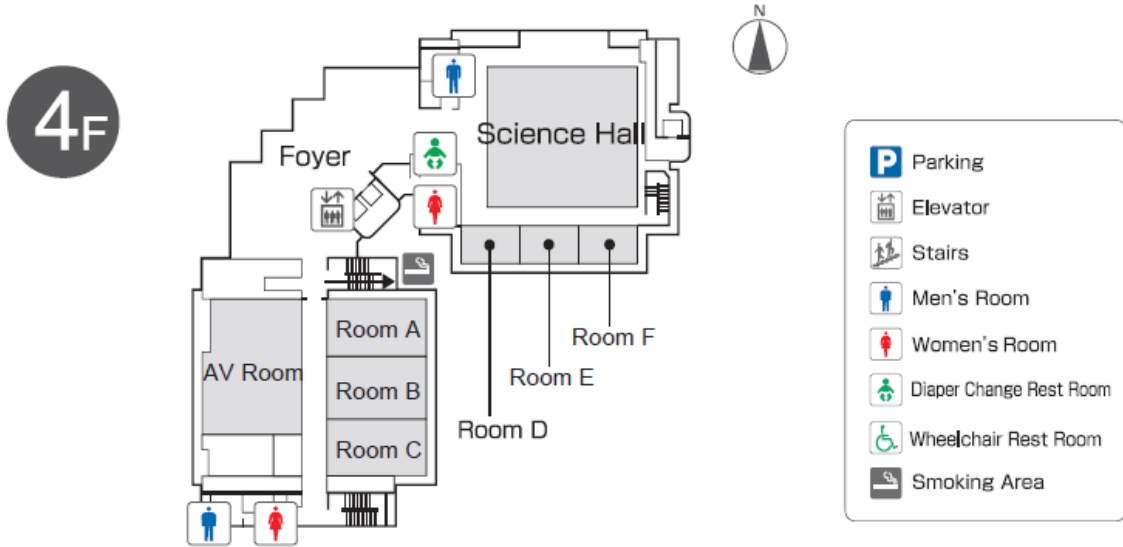
Located at the ancient capital of Japan, Kyoto Research Park (KRP) is set at a convenient spot. KRP has a wide variety of networks involving universities, industries, administrative institutes, public research institutes, and economic bodies. KRP offers various of conference rooms, offices, and labs.

The conference will be held at Hall 1 inside the research park. Hall 1 is near to JR Tanbaguchi-Eki.



Conference Venue Floor Plan [4F]

Floor Map of Bldg. #1



Conference Organization

ICNSE International Committee Board

Akhil Kumar Sen, Birla Institute of Technology
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Young Hee Lee, Sungkyunkwan University
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Special Thanks to Session Chairs

Christine Hill	<i>SUNY Empire State College</i>
Jasadee Kaewsrichan	<i>Prince of Songkla University</i>
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Jong-Tae Youn	<i>Pukyong National University</i>
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Siriporn Phasomkusolsil	<i>Armed Forces Research Institute of Medical Sciences</i>
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Kyungkoo Jun	<i>Incheon National University</i>
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Yern Chee Ching	<i>University of Malaya</i>
Alaa A.-M. Abdel-Aziz	<i>King Saud University</i>

Conference Schedule

Thursday, May 7, 2015		
Oral Session, 4F		
Time	Information	
13:00-17:00	Registration	
14:00-15:30	Management 1	Room A
	Chemical Engineering	Room B
	Computer Science 1	Room C
15:30-15:45	Tea Break	
15:45-17:45	Education 1	Room A
	Environmental Sciences 1	Room B
	Mathematics	Room C

Friday, May 8, 2015

Oral Session, 4F

Time	Information	
08:30-18:00	Registration	
09:00-10:30	Education 2	Room A
	Management 2	Room B
	Electrical Engineering	Room C
	Chemical Sciences 1	AV Room
	Computer Science 2	Science Hall
10:30-10:40	Tea Break	
10:40-12:10	Education 3	Room A
	Management 3	Room B
	Finance	Room C
	Communication	AV Room
	Natural Science Keynote Speech: Jun-ichi Kadokawa <i>Topic: Precision Synthesis of Polysaccharides and Application in Self-assembled Supramolecular Materials</i>	Science Hall
12:10-13:10	Lunch Time	
13:10-14:40	Civil Engineering 1	Room A
	Plant Molecular Biology	Room B
	Systems and Industrial Engineering 1	Room C
	Chemical Sciences 2	AV Room
	Social Science Keynote Speech: Feili Tu-Keefner <i>Topic: The Role of Multiple Literacies in Today's Ever-Changing, High-Tech Society</i>	Science Hall

Friday, May 8, 2015		
Oral Session, 4F		
14:40-14:50	Tea Break	
14:50-16:20	Social Sciences	Room A
	Psychology	Room B
	Architectural Engineering & Urban Planning and Spatial Information	Room C
	Information Engineering 1	AV Room
	Biological Engineering	Science Hall
16:20-16:30	Tea Break	
16:30-18:00	Law & Politics	Room A
	Management 4	Room B
	Biochemistry & Bioengineering	Room C
	Environmental Sciences 2	AV Room
	Biological Sciences 1	Science Hall

Friday, May 8, 2015	
Poster Session, 4F	
Kyoto Research Park 4F	
Time	Information
08:30-16:00	Registration
09:30-10:30	Poster Session (1)
	Management / Environmental Sciences / Engineering
11:30-12:30	Poster Session (2)
	Education / Psychology / Society / Culture / Finance / Communication
13:30-14:30	Poster Session (3)
	Biological Sciences / Computer Science / Information Engineering
15:30-16:30	Poster Session (4)
	Natural Sciences

Saturday, May 9, 2015

Oral Session, 4F

Time	Information	
08:30-16:00	Registration	
09:00-10:30	Education 4	Room A
	Management 5	Room B
	Civil Engineering 2	Room C
	Computer Science 3	AV Room
	Chemical Sciences 3	Science Hall
10:30-10:40	Tea Break	
10:40-12:10	Culture	Room A
	Biological Sciences 2	Room B
	Systems and Industrial Engineering 2	Room C
	Computer Science 4	AV Room
	Chemical Sciences 4	Science Hall
12:10-13:10	Lunch Time	
13:10-14:40	Economics	Room A
	Biological Sciences 3	Room B
	Environmental Engineering & Energy Engineering	Room C
	Information Engineering 2	AV Room
	Chemical Sciences 5	Science Hall
14:40-14:50	Tea Break	
14:50-16:20	Environmental Sciences 3	Room A
	Ecology and the Environment, Geological Engineering	Room B
	Optical Sciences and Engineering & Material Engineering & Physics	Room C
	Aerospace and Mechanical Engineering	AV Room
	Chemical Sciences 6	Science Hall

Saturday, May 9, 2015

Poster Session, 4F

Kyoto Research Park 4F

Time	Information
08:30-16:00	Registration
09:30-10:30	Poster Session (5)
	Biological Sciences
11:30-12:30	Poster Session (6)
	Electrical Engineering / Environmental Sciences / Engineering
13:30-14:30	Poster Session (7)
	Engineering / Industrial Engineering
15:30-16:30	Poster Session (8)
	Chemical Sciences

Natural Science Keynote Speech

Science Hall

10:40~12:10

Friday, May 8

Topic: Precision Synthesis of Polysaccharides and Application in Self-assembled Supramolecular Materials

Professor Jun-ichi Kadokawa

Department of Chemistry, Biotechnology, and Chemical Engineering
Graduate School of Science and Engineering
Kagoshima University
Japan



Natural polysaccharide is one of three major classes of biological macromolecules. Cellulose, starch, and chitin are the most abundant polysaccharides and have been used in various application fields. Therefore, the precision chemical synthesis of related polysaccharides as well as non-natural polysaccharides is a promising research topic to provide new functional environmentally benign materials in biomedical and tissue engineering applications. However, the diverse structures of polysaccharides have caused the difficulty in their chemical synthesis with well-defined structures. Beyond such problem, recently, facile methods for the precision synthesis of polysaccharides are developed such as the approach by enzymatic reactions. Furthermore, polysaccharides have been found to show self-assembling properties, which employed to construct supramolecular materials. Much of the present speech will concern with the speaker's own works in these research area.

Social Science Keynote Speech

Science Hall

13:10~14:40

Friday, May 8

Topic: The Role of Multiple Literacies in Today's Ever-Changing, High-Tech Society

Feili Tu-Keefner, Ph.D., M.L.I.S.

Associate Professor

School of Library and Information Science

College of Mass Communications and Information Studies

University of South Carolina



Thanks to technology, the world of information and communication has changed dramatically. With the click of a computer mouse or the tap of a mobile phone touchscreen, we can access information on any topic imaginable, but how do we evaluate it? The problem is no longer finding information, but deciding if it is accurate and relevant to us. What skills are needed to sort through this abundance of information? What must students in this digital age learn so that they will become productive workers in the future? The challenge for educators is to help students acquire these essential skills and apply them in a variety of environments. To thrive and survive in today's global, high-tech society, students must be equipped with multiple literacies, including higher-order thinking and lifelong learning skills.

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

Oral Sessions – May 7

Management 1

Room A

14:00-15:30

Thursday, May 7

Session Chair: *Prof. Christine Hill*

ICSSAM-1241

The Impact of Nursing Leadership on Teamwork: Implications for Leaders

Christine Hill | *SUNY Empire State College*

ICSSAM-1345

An Inventory Model with Visual-Attention-Dependent Demand Rate, Drop-Shipping Option, and Lost Sales

Yan-Kwang Chen | *National Taichung University of Science and Technology*

Fei-Rung Chiu | *Overseas Chinese University*

ICSSAM-1355

How to Raise Switching Barrier Model in E-Wholesaler Travel Agencies?

Leo Huang | *National Kaohsiung University of Hospitality and Tourism*

ICSSAM-1356

An Economic Production Quantity Model under Trade Credit with Warranty Policy

Yu-Chung Tsao | *National Taiwan University of Science and Technology*

Chemical Engineering

Room B

14:00-15:30

Thursday, May 7

Session Chair: *Prof. Jasadee Kaewsrichan*

ICNSE-1273

The New Chemically Modified Calcium Phosphate Scaffold: In Vitro and in Vivo Response

Suphannee Thanyaphoo | *Prince of Songkla University*

Jasadee Kaewsrichan | *Prince of Songkla University*

ICNSE-1325

An Application of Small Hydrocyclones for Separating Yeast in the Brewing Industry

Wanwilai Kraipech Evans | *Srinakarinwirot University*

Pongprawut Onkaew | *Srinakarinwirot University*

Boonrit Heunghok | *Srinakarinwirot University*

ICNSE-1369

Benzoxazine-Modified Asphalts for Pavement Application

Sarawut Rimdusit | *Chulalongkorn University*

Anchalee Oumpancharoen | *Chulalongkorn University*

Chanchira Jubsilp | *Srinakarinwirot University*

ICNSE-1384

Thermal Degradation Behaviors of Rubber Woodflour-Reinforced Polybenzoxazine Composites

Sarawut Rimdusit | *Chulalongkorn University*

Chanchira Jubsilp | *Srinakharinwirot University*

ICNSE-1530

Effects of Drying Methods of Bacterial Celluloses on in Vitro Differentiation of Rat Induced Vascular Progenitor Cells, Embryonic, and Mesenchymal Stem Cells

Siriporn Taokaew | *Chulalongkorn University*

Muenduen Phisalaphong | *Chulalongkorn University*

Bi-Min Zhang Newby | *The University of Akron*

Liya Yin | *Northeast Ohio Medical University*

Computer Science 1

Room C

14:00-15:30

Thursday, May 7

Session Chair: *Prof. Cecilia E. Nugraheni*

ICEAI-741

The Accuracy of Multi Kinects Skelton for Physical Training

Prisana Phonsing | *Somying Thainimit, Rachaporn Keinprasit, Yasuharu Koike*

Somying Thainimit | *Kasetsart University*

Rachaporn Keinprasit | *National Electronics and Computer Technology Center*

Yasuharu Koike | *Tokyo Institute of Technology*

ICEAI-764

Development of Forex Robot in MetaTrader 4

Luciana Abednego | *Parahyangan Catholic University*

Cecilia Esti Nugraheni | *Parahyangan Catholic University*

ICEAI-769

Connecting 6LoWPAN-Based BLE Nodes to Internet

Ni Lan | *National Taichung University of Education*

Yen-Wen Lin | *National Taichung University of Education*

ICEAI-772

In-Memory Scheduler for Stream Processing

Yu-Chun Lin | *National Taichung University of Education*

Ei-Fang Lee | *National Taichung University of Education*

Yi-Hsuan Lee | *National Taichung University of Education*

Kuan-Chou Lai | *National Taichung University of Education*

ICEAI-779

A Survey on Heuristics for Scheduling Problem in Textile Industry

Cecilia E. Nugraheni | *Parahyangan Catholic University*

Luciana Abednego | *Parahyangan Catholic University*

ICEAI-786

Web-Based Spatial Expert System for the Risk Assessment of Road Accidents

Sippakarn Kassawat | *Suranaree University of Technology*

Sunya Sarapirome | *Suranaree University of Technology*

Vatanavongs Ratanavaraha | *Suranaree University of Technology*

Patimapon Sukmak | *Walailak University*

Education 1

Room A

15:45-17:45

Thursday, May 7

Session Chair: *Prof. Jong-Tae Youn*

ICSSAM-1248

Diversity of Innovation Culture Profiles in Educational Organizations across the Sector: Case of Lithuania

Brigita Janiunaite | *Kaunas University of Technology*

Monika Petraite | *Kaunas University of Technology*

Gintautas Cibulskas | *Kaunas University of Technology*

ICSSAM-1379

May There Be Peace: Teaching- Learning Approaches and Strategies in the Cultivation of Lasallian Peace Culture

Analiza Dalisay Resurreccion | *De La Salle Lipa*

ICSSAM-1389

Exploring the Rhetorical Structure of Research Article Introductions (RAIs) in Refereed Local Journals of De La Salle Lipa

Jose Clarete Macatangay | *De La Salle Lipa*

ICSSAM-1448

Women Engineering Students' Included Engineering Education in Korea

Jong-Tae Youn | *Pukyong National University*

Song-Ah Chloi | *Pukyong National University*

ICSSAM-1481

Exploring Students' Perceptions on the Use of the A-S-E-R Framework in Reflective L2 Learning

Gary Cheng | *The Hong Kong Institute of Education*

Juliana Chau | *The Hong Kong Polytechnic University*

ISEPSS-2299

The Relationship between Social-Economic Status and Proactive Coping Ability of Elders: Social Support as a Mediator

Ming-Hao Liang | *National Chung Cheng University*

Hui-Chuan Wei | *National Chung Cheng University*

ISEPSS-2246

How Aesthetic Education is Connected to Moral Education: A Discussion Based on Jacques Maritain's Philosophy of Education and Art

Katia Lenehan | *Fu Jen Catholic University*

ISEPSS-2259

The Development of Prosodic Perception, Phonological Awareness and Vocabulary in Chinese Kindergarten Pupils

Chien-Ming Chen | *National Taiwan Normal University*

Hsiao-Lan Wang | *National Taiwan Normal University*

ISEPSS-2323

Designing the Integrated Syllabus in Teaching Reading and Writing Course in Universitas Islam Indonesia

Nizamuddin Sadiq | *Universitas Islam Indonesia*

Environmental Sciences 1

Room B

15:45-17:45

Thursday, May 7

Session Chair: *Prof. Rose Marie O. Mendoza*

ICCBES-569

Electron Micrographic Study of Color Removal by *Aspergillus Oryzae* JSA-1 and Decolorization of Biomethanated Distillery Effluent by Mycelial Biomass of *Aspergillus Oryzae* JSA-1 Using Column Chromatography Technique

Snehal Agnihotri | *Dr. D. Y. Patil Arts, Commerce And Science College*

Sonia Agnihotri | *Dr. D. Y. Patil Medical College, Hospital and Research Center*

ICCBES-604

Optimization of Experimental Parameters for Arsenic Removal from Contaminated Waters by Electrodialysis (ED)

Rose Marie O. Mendoza | *Far Eastern University*

Maria Lourdes P. Dalida | *University of the Philippines*

Chi-Chuan Kan | *Chia Nan University of Pharmacy and Science*

Meng-Wei Wan | *Chia Nan University of Pharmacy and Science*

ICCBES-695

Membrane Fouling Propensities of Alginate Blocks Derived from Seaweeds

Shujuan Meng | *Nanyang Technological University*

Qin Yang | *Nanyang Technological University*

Yu Liu | *Nanyang Technological University*

ICCBES-697

Effect of Ceria and Strontia over Ru/Mn/Al₂O₃ Catalysts on the Catalytic Methanation Study

Rusmidah Ali | *Universiti Teknologi Malaysia*

Susilawati Toemen | *Universiti Teknologi Malaysia*

Wan Azelee Wan Abu Bakar | *Universiti Teknologi Malaysia*

ICCBES-959

Life Cycle Assessment of Taiwans Electricity Sector by Input-Output Approach

Sue J. Lin | *National Cheng Kung University*

C.H. Liu | *Institute of Nuclear Energy Research*

ICCBES-914

Genotoxic Effects of Dyeing Industrial Effluent in *Trigonella Foenum Graceium* (L.)

Mariya J. Jairajpuri | *Veer Narmad South Gujarat University*

Kailash P. Patel | *Veer Narmad South Gujarat University*

ICCBES-645

Removal of Pb(II) from Wastewater by Coconut Shell White Charcoal

Siriwan Srisorrachatt | *Srinakharinwirot University*

Mathematics

Room C

15:45-17:45

Thursday, May 7

Session Chair: *Prof. Nurtiti Sunusi*

ICNSE-1296

Local Non-Similarity Solution for Mixed Convection Flow of a Nanofluid Past a Permeable Vertical Plate in the Presence of Thermal Radiation Effects

Radiah Mohamad | *Universiti Tun Hussein Onn Malaysia*

R. Kandasamy | *Universiti Tun Hussein Onn Malaysia*

Rozaini Roslan | *Universiti Tun Hussein Onn Malaysia*

Muhaimin Ismoen | *Brunei Institute of Technology*

ICNSE-1449

Analysis of the Rainfall Occurrence in Indonesia Region Using Point Process Model

Nurtiti Sunusi | *Hasanuddin University*

Herdiani E.T | *Hasanuddin University*

Nurdin | *Hasanuddin University*

ICNSE-1455

A Local Integral Equation Formulation for Solving Coupled Burgers' Equations

Kanittha Yimnak | *Dhurakij Pundit University*

Anirut Luadsong | *King Mongkut's University of Technology Thonburi (KMUTT)*

ICNSE-1499

Global Synchronization of Dynamical Complex Networks with Interval Time-Varying Delay

Narongsak Yotha | *Rajamangala University of Technology Isan*

Thongchai Botmart | *Khon Kaen University*

Kanit Mukdasai | *Khon Kaen University*

ICNSE-1501

Prediction of Combustion Temperature of Liquefied Petroleum Gas (LPG) on the Spherical Packed-Bed Porous Burner

Anucha Klamnoi | *Rajamangala University of Technology Isan*

Narongsak Yotha | *Rajamangala University of Technology Isan*

Bundit Krittacom | *Rajamangala University of Technology Isan*

ICNSE-1503

The Total Edge Irregularity Strength of Web Graph

Nurdin Hinding | *Hasanuddin University*

ICNSE-1506

Model Vector Autoregressive–Generalized Space Time Autoregressive with Two Stage Least Squares Method and Its Application

Sumarni Susilawati | *Hasanuddin University*

Erna Tri Herdiani | *Hasanuddin University*

Nurtiti Sunusi | *Hasanuddin University*

Oral Sessions – May 8

Education 2

Room A

09:00-10:30

Friday, May 8

Session Chair: *Prof. Eddy Li*

ISEPSS-2327

Experiences in Piano Learning of Prospective Early Childhood Educators as Beginning Learners

Yu-Tai Su | *National Dong-Hwa University*

ISEPSS-2286

The Effects of Parental Involvement in Schooling on Educational Achievement of Junior High School Students in Taiwan: A Cultural Capital Perspective

Chih-Lung Hsieh | *National Taitung University*

ISEPSS-2308

The Transformation After Learning: Based on the Perspectives of Active Aging

Ya-Hui Lee | *National Chung Cheng University*

Hsin Yi Huang | *National Chung Cheng University*

ISEPSS-2326

What Made Them Like to Learn? Learning Experiences in Rural Areas of Older Adults with Low Literacy

Chien-Hung Hsieh | *National Chung Cheng University*

Ya-Hui Lee | *National Chung Cheng University*

ISEPSS-2261

The Effectiveness of the ABRACADABRA Web-Based Literacy Program on Primary School Students in Hong Kong

Alan Cheung | *The Chinese University of Hong Kong*

ISEPSS-2346

Designing eLearning Strategies for Vocabulary Expansion: Two Case Studies in a Hong Kong University

Eunice Tang | *The Chinese University of Hong Kong*

Eddy Li | *The Chinese University of Hong Kong*

Management 2

Room B

09:00-10:30

Friday, May 8

Session Chair: *Prof. Aussadavut Dumrongsiri*

ICSSAM-1323

The Behavioral Intention Research from Deductive Reasoning to Inductive Reasoning: An Example of QR Code for Mobile Commerce Service Promotion

Jhong-Min Yang | *National Chung Hsing University*

Chien-Ta Ho | *National Chung Hsing University*

ICSSAM-1333

Nurse Scheduling in Emergency Department: Case Study of Thammasat University Hospital

Aussadavut Dumrongsiri | *Thammasat University*

ICSSAM-1402

Investigating Competency of Thai Factory Workers: A Survey Study of Leading Industries in Thailand

Chompunick Kao-Ian | *Thammasat University*

Kwanjai Saewong | *Thammasat University*

Guntipon Thepsoonthorn | *Thammasat University*

Surayut Poomviset | *Thammasat University*

Pornpimol Chongphaisal | *Thammasat University*

ICSSAM-1414

Thai Generation Y's Career Value, Intercultural Awareness and Preparation for Globalization

Luckkana Choosang | *Thammasat University*

Sivakorn Laohapanich | *Thammasat University*

Tharntorn Chaichanavong | *Thammasat University*

Vichanee Jaewtrakul | *Thammasat University*

Pornpimol Chongphaisal | *Thammasat University*

ICSSAM-1452

Outcome Evaluation of Government Projects in Malaysia: A Study of Ministry Officers' Level of Understanding

Muhammad Hidayatullah Nasrul | *Implementation Coordination Unit*

Nazli Mahdzir | *Universiti Utara Malaysia*

Mohd Fazli Aziz | *Human Resource Department*

ICSSAM-1569

Commercial Coopetition: When the Coopetition in Sales Contests is a Source of Performance

Juliet F. Poujol | *Montpellier University*

Estelle Pellegrin-Boucher | *Montpellier University*

ICSSAM-1329

Describe of Complaints Handling Management at Pasar Rebo Hospital in 2014

Fajar Ariyanti | *The State Islamic University of Syarif Hidayatullah Jakarta*

Catur Rosidati | *The State Islamic University of Syarif Hidayatullah Jakarta*

Riastuti Kusumawardhani | *The State Islamic University of Syarif Hidayatullah Jakarta*

Rafika Wulandari | *The State Islamic University of Syarif Hidayatullah Jakarta*

Electrical Engineering

Room C

09:00-10:30

Friday, May 8

Session Chair: *Prof. Wichet Thippprasert*

ICEAI-664

Electrical Performance of Porcelain Surge Arrester in 22 kV Distribution System under Polluted Conditions

Wichet Thippprasert | *Rajamangala University of Technology Lanna Chiang Rai*

Ekkachai Chaidee | *Rajamangala University of Technology Lanna Chiang Rai*

ICEAI-717

High Speed U-Typed Carving Long Period Fiber Gratings

Chung-An Shih | *National United University*

Cheng-Ling Lee | *National United University*

Jing-Shyang Horng | *National United University*

Jui-Ming Hsu | *National United University*

ICEAI-734

Nonperishable Fiber Sensor Based on Mach-Zehnder Interferometer for Temperature Sensing

Wen-Hao Zheng | *National United University*

Cheng-Ling Lee | *National United University*

Jui-Ming Hsu | *National United University*

Jing-Shyang Horng | *National United University*

Jian-Zhi Chen | *National United University*

ICEAI-755

Optimal Solution of Adaptive Algorithm in Multi-Echo Cancellation

Watcharapong Tingchan | *King Mongkut's Institute of Technology Ladkrabang*

Chawalit Benjangkprasert | *King Mongkut's Institute of Technology Ladkrabang*

Chemical Sciences 1

AV Room

09:00-10:30

Friday, May 8

Session Chair: *Prof. Jafariah Jaafar*

ICCBES-619

A Portable Digital Image Colorimeter for Iron Determination in Natural Water

Prinya Masawat | *Naresuan University*

Antony Harfield | *Naresuan University*

ICCBES-883

Probing Azobenzene Photoisomerization by Ab Initio Quantum Chemistry and Molecular Dynamics

Chaoyuan Zhu | *National Chiao-Tung University*

ICCBES-689

Ammoniated Polyethylene Glycol with Cerium Oxide Based Catalyst for Removal of Naphthenic Acids from Petroleum Crude Oil

Jafariah Jaafar | *Universiti Teknologi Malaysia*

Nurasmat Mohd Shukri | *Universiti Teknologi Malaysia*

Wan Azelee Wan Abu Bakar | *Universiti Teknologi Malaysia*

Zaiton Abdul Majid | *Universiti Teknologi Malaysia*

ICCBES-732

Mathematical Modeling and Simulation of Microencapsulated N-Octadecane in Urea-Melamine-Formaldehyde Shell for Latent Heat Storage

Terence P. Tumolva | *University of the Philippines*

Jules Hedwig S. Dayrit | *University of the Philippines*

Ralph Patrick G. Erice | *University of the Philippines*

ICCBES-764

Design and Optimization of an Air-Sparged TiO₂-Immobilized Tubular Photocatalytic Reactor for the Degradation of Methylene Blue

Patrick D. Ramoso | *University of the Philippines*

Maria Lourdes P. Dalida | *University of the Philippines*

ICNSE-1447

**Modification of Electrode Surface by Polydimethylsiloxane – Gold Nanoparticle Film
for Electrochemical Biosensor**

Rachatawan Kamolpach | *Srinakharinwirot University*

Chokchai Puttharugsa | *Srinakharinwirot University*

Computer Science 2

Science Hall

09:00-10:30

Friday, May 8

Session Chair: *Prof. Uldis Straujums*

ICNSE-1351

A Topological Condition for Recognizing Strongly Diagnosable Systems under the Comparison Model

Tzu-Liang Kung | *Asia University*

Hsiang-Chun Chen | *Providence University*

Lih-Hsing Hsu | *Providence University*

Hon-Chan Chen | *National Chin-Yi University of Technology*

ICNSE-1451

A Novel Approach of Automatic Iridology Chart Drawing onto Eye Images

Anisha Amir | *National Taipei University*

Jiung-Yao Huang | *National Taipei University*

ICEAI-776

A Novel Random Password Generation Method Based on the Visual Cryptography

Ta-Wei Lin | *Chien Hsin University of Science and Technology*

Mei-Ling Liu | *Chaoyang University of Technology*

Fu-Tung Wang | *Chien Hsin University of Science and Technology*

ICNSE-1405

Long-Term and Short-Term Memory in Learning Processes

Uldis Straujums | *University of Latvia*

Rūsiņš Freivalds | *University of Latvia*

Ārija Sproģe | *University of Latvia*

Solvita Zariņa | *University of Latvia*

ICEAI-665

On the Factors of the Web Browsing Performance for the Elderly Citizens

Chun-Yen Wu | *Tatung University*

Chih-Fu Wu | *Tatung University*

Wen-Te Chang | *National Taipei University of Education*

Education 3

Room A

10:40-12:10

Friday, May 8

Session Chair: *Prof. Elvyra Rombs*

ICSSAM-1492

Beginning Programming and Gender: An Exploring Study

Kelvin C.K. Wong | *Hong Kong Baptist University*

Carmen K.M. Lam | *Hong Kong Baptist University*

ISEPSS-2279

From Learners to Contributors: Middle-Aged and Older Adults' Motivations in the Service Learning

Ya-Hui Lee | *National Chung-Cheng University*

Jing-Yi Lu | *National Chung-Cheng University*

Chun-Ting Yeh | *Taipei College of Maritime Technology*

ISEPSS-2301

Human Flourishing: (Re-)Integrating a Neglected Ideal into Higher Education

Elvyra Rombs | *Waseda University*

ISEPSS-2287

English Learners' Perceptions of Teachers' Misbehaviors and Their Influence on Affective Learning and Willingness to Communicate in English Classes

Lisa Li-I Hsu | *National Taichung University of Science & Technology*

ISEPSS-2283

A Study on Using CLIL (Content and Language Integrated Learning) to Teach Liberal Studies in Hong Kong: Some Preliminary Findings

Anita Y.K. Poon | *Hong Kong Baptist University*

ISEPSS-2314

Developments and Issues of Moral Curriculum of Elementary Education in Taiwan and Japan

Chuen-Min Jasmin Huang | *National Taiwan Normal University*

Ken Ito | *National Taiwan Normal University*

ISEPSS-2282

Situational Interest of Mother Involvement in Online Hands-on Science Programs

Hsin-Hung Chen | *National Dong-Hwa University*

Chih-Hsiung Ku | *National Dong-Hwa University*

Management 3

Room B

10:40-12:10

Friday, May 8

Session Chair: *Prof. Nattharika Rittippant*

ICSSAM-1472

A Conceptual Study on Determinants of Consumer Behavioural Intention to Use Social Network

Noraishah Mostafa | *Universiti Tun Abdul Razak*

ICSSAM-1499

Thai SMEs and Their Outward FDI

Sirintip Charoenboonwan | *Thammasat University*

Wuttikrai Duangjui | *Thammasat University*

Maneerat Choochartchainarong | *Thammasat University*

Suthida Chansanguan | *Thammasat University*

Nattharika Rittippant | *Thammasat University*

ICSSAM-1509

Factors Impacting Intention to Use E-Government in Thailand

Pisit Chanvarasuth | *Sirindhorn International Institute of Technology*

Veera Boonjing | *King Mongkut's Institute of Technology Ladkrabang*

ICSSAM-1516

Human Capital and Financial Performance of Micro, Small and Medium Enterprises (MSMEs): A Case of MSMEs in Sokoto Metropolis

Muhammad Sani Umar | *Federal University*

Sani Arzika | *Usmanu Danfodiyo University*

ICSSAM-1461

Competitiveness of Thai Gems and Jewelry Industry: An Empirical Study

Thittaya Binsirawanit | *Thammasat University*

Worakarn Dechbun | *Thammasat University*

Phonlawut Jaturawichanan | *Thammasat University*

Sirapoj Swangprai | *Thammasat University*

Pornpimol Chongphaisal | *Thammasat University*

ICSSAM-1324

The Study of the Relationships among Brand Identification, Brand Passion, and Brand Commitment

Wen-Hai Chih | *National Dong Hwa University*

Chia-Yi Huang | *Burn Stewart*

Dah-Kwei Liou | *Chihlee Institute of Technology*

Finance

Room C

10:40-12:10

Friday, May 8

Session Chair: *Prof. Tsai-Yen Chung*

ICSSAM-1258

Applying A Data Mining Approach to Credit Risk

Anirut Suebsing | *Ubon Ratchathani University*

Kamonphon Nakhonchaigul | *Ubon Ratchathani University*

ICSSAM-1460

Effects of Capital Adequacy on the Cost of Intermediation and Profit Ability of Selected Banks in the Philippine Banking Industry

Mary Grace De Vera Lagdamen | *De La Salle University - Dasmariñas*

ICSSAM-1537

Are Special Items Relevant? A Case of Different Perspectives of GAAP vs. IFRS

Ling-Chi Cheng | *Chung Yuan Christian University*

Tsai-Yen Chung | *Yuan Ze University*

ICSSAM-1425

The Impact of Commodities Prices on Stocks Using Event Method for Malaysia Firms

Cheng Fan Fah | *University Putra Malaysia*

Amalina | *University Putra Malaysia*

Cheng Seow Voon | *University Putra Malaysia*

Leong Choi Li | *University Putra Malaysia*

Communication

AV Room

10:40-12:10

Friday, May 8

Session Chair: *Prof. Tsan-Kuo Chang*

ICSSAM-1190

Traversing Human Authenticity in the Contemporary Technological Age: An Ethical Dimension and the Existential Impact of Social Media

Zernan C. Magbuhat | *De La Salle Lipa, University of Santo Thomas*

ICSSAM-1235

Impact of Social Media on Public Discourse in Nigeria

Samaila Balarabe | *Hassan Usman Katsina Polytechnic*

ICSSAM-1237

Social Media and the Dissemination of Information at the Grassroots: Power and Challenge

Muhammad Bashir Usman | *Hassan Usman Katsina Polytechnic*

ICSSAM-1411

One Social Movement, Many Public Discourses: Occupy Central, Civil Society and Media in Hong Kong

Tsan-Kuo Chang | *City University of Hong Kong*

ICSSAM-1456

An Analysis of National Identity and Regional Identity of ASEAN Member Countries: A Case Study of ASEAN Community Facebook Fanpage

Monsak Chaiveeradech | *Thammasat University*

ICSSAM-1488

How Candidate Preference and Poll Results Are Related to Third-Person Perception in the Context of Pre-Election Polls

Stella C. Chia | *City University of Hong Kong*

Civil Engineering 1

Room A

13:10-14:40

Friday, May 8

Session Chair: *Prof. Ko-Young Shao*

ICNSE-1468

The Local Buckling Effects on the Design and Analysis of Lateral Gullies Pavement Systems

Ko-Young Shao | *I-Shou University*

Yi-An Hsiao | *I-Shou University*

Min-Zou Hung | *I-Shou University*

ICNSE-1469

The Kao-Ping Bridge Superstructure Planning - Reconstructing the New Kao-Ping Bridge

Ko-Young Shao | *I-Shou University*

Yi-An Hsiao | *I-Shou University*

Chi-Liang Tsai | *Directorate General of Highways*

ICNSE-1470

Monitoring of Bridge Structures of the Circular Rock-Filled Cages Skirted Group Piles Capacity in Kao-Ping River

Ko-Young Shao | *I-Shou University*

Yi-An Hsiao | *I-Shou University*

Chi-Liang Tsai | *Directorate General of Highways*

ICEAI-655

Estimation of Carbon Dioxide Emissions from the Traffic in the Street Blocks of Taichung City

Chou-Tsang Chang | *National Cheng Kung University*

Tzu-Ping Lin | *National Cheng Kung University*

ICEAI-693

The Design of Offshore and Onshore Wind Farms for Pulaubai Port Bengkulu Indonesia

Avi Putri Pertiwi | *Institut Teknologi Bandung*

Andojo Wurjanto | *Institut Teknologi Bandung*

ICEAI-676

**Undrained Shear Strength of Soft Clay Reinforced with Single Encapsulated Bottom
Ash Columns**

Muzamir Hasan | *Universiti Malaysia Pahang*

Suzillco Suki | *Universiti Malaysia Pahang*

Plant Molecular Biology

Room B

13:10-14:40

Friday, May 8

Session Chair: *Prof. Mayura Soonwera*

ICNSE-1339

Larvicidal and Pupicidal Activity of Herbal Essential Oils against House Fly, *Musca Domestica* L.

Jirisuda Sinthusiri | *King Mongkut's Institute of Technology Ladkrabang*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

ICNSE-1340

Insecticidal Effect of *Citrus Aurantium* and *Zingiber Cassumunar* Essential Oils against German Cockroach (*Blattella Germanica* L.: Blattellidae)

Sirawut Sittichok | *King Mongkut's Institute of Technology Ladkrabang*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

ICNSE-1341

Pediculicidal Activities of Ethanolic Extracts from Thai Edible Plants against Head Louse (*Pediculus Humanus Capitis* De Geer) in Vitro

Orawan Wongnet | *King Mongkut's Institute of Technology Ladkrabang*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

ICNSE-1342

The Efficacy of Essential Oils from Thai Native Herbs against Immature Stage of Dengue Vector Mosquito, *Aedes aegypti* L.

Ubol Phukerd | *King Mongkut's Institute of Technology Ladkrabang*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

Systems and Industrial Engineering 1

Room C

13:10-14:40

Friday, May 8

Session Chair: *Prof. Yun-Chia Liang*

ICEAI-701

The Construction of Ring Topology in Industrial Wireness Sensor Network

Ching-Lung Chang | *National Yunlin University of Science and Technology*

Hua-Han Chiang | *National Chiayi University*

Ching-Hung Chang | *National Chiayi University*

ICNSE-1508

Developing a Practical Execution Time-Frame for the MRCPSP/Max

Angela Hsiang-Ling Chen | *Taoyuan Innovation Institute of Technology*

Yun-Chia Liang | *Yuan Ze University*

Jose David Padilla | *Yuan Ze University*

ICEAI-670

Workload Estimation for Factory Simulation as a Cloud Service - An Artificial Neural Network Approach

Tin-Chih Chen | *Feng Chia University*

Chemical Sciences 2

AV Room

13:10-14:40

Friday, May 8

Session Chair: *Prof. Hung-Yu Chang*

ICCBES-768

Blending-Induced Helical Morphologies of Confined Linear Triblock Copolymers

Hung-Yu Chang | *National Taiwan University*

Yen-Fu Chen | *National Taiwan University*

Yu-Jane Sheng | *National Taiwan University*

Heng-Kwong Tsao | *National Central University*

ICCBES-797

Spontaneous Self-Coating of a Water Drop by Flaky Copper Powders: Critical Role of Particle Shape

Cheng-Chung Chang | *National Taiwan University*

Chuan-Chang Wu | *National Central University*

Yu-Jane Sheng | *National Taiwan University*

Heng-Kwong Tsao | *National Central University*

ICCBES-811

Wetting Competition of a Liquid Bridge between Separating, Asymmetric Surfaces with Contact Angle Hysteresis

Chuan-Chang Wu | *National Central University*

Cheng-Chung Chang | *National Taiwan University*

Shih-Ming Chen | *Industrial Technology Research Institute*

Yu-Jane Sheng | *National Taiwan University*

Heng-Kwong Tsao | *National Central University*

ICCBES-815

Antioxidant Contents and Stability of Cold-Pressed Rice Bran Oil after a Year Storage

Chutima Ponchurdchai | *Thammasat University*

Jirada Singkhonrat | *Thammasat University*

ICCBES-828

Detection of Urinary Creatinine by Gold Nanoparticles after Solid Phase Extraction

Jarinya Sittiwong | *Chulalongkorn University*

Fuangfa Unob | *Chulalongkorn University*

ICCBES-843

Phase Behavior and Morphology of Binary Lipid Mixtures on Hydrophilic Solid Surface

Yuan-De Wei | *National Taiwan University*

Hsing-Lun Wu | *National Taiwan University*

Bing-Yan Sie | *National Taiwan University*

Yu-Jane Sheng | *National Taiwan University*

Heng-Kwong Tsao | *National Central University*

Social Sciences

Room A

14:50-16:20

Friday, May 8

Session Chair: *Prof. Rika Terano*

ISEPSS-2331

Secondary School Quality in Finland

Heikki Pursiainen | *Finnish Government Institute for Economic Research*

Mika Kortelainen | *Public Services Evaluation*

Jenni Pääkkönen | *University of Helsinki*

ISEPSS-2347

Agrotourism Behavior : Case Study at Mahasawas Canal in Nakornpatom Province

Prisana Munpao | *Suan Dusit Rajabhat University*

ICSSAM-1255

Mental Health towards Learning Ability among Thai and Cambodian Students

Raseekul Thiti | *Ubon Ratchathani University*

ICSSAM-1483

Do Companies' Efforts on Corporate Social Responsibility Produce Future Economic Benefits? Evidence from Taiwanese Semiconductor Companies

Hsuan-Chu Lin | *National Cheng Kung University*

Chin-Chen Chien | *National Cheng Kung University*

She-Chih Chiu | *National Cheng Kung University*

ICSSAM-1512

Dynamic Aspect of the Online Questionnaire System

Mohamad Jassem BoHamad | *Kuwait Institute for Scientific Research*

Adel Naseeb | *Kuwait Institute for Scientific Research*

ICSSAM-1353

Factors Influencing Intention to Adopt Sustainable Agriculture Practices among Paddy Farmers in KADA, Malaysia

Rika Terano | *Universiti Putra Malaysia*

Zainalabidin Mohamed | *Universiti Putra Malaysia*

Mad Nasir Shamsudin | *Universiti Putra Malaysia*

Ismail AbdLatif | *Universiti Putra Malaysia*

ICSSAM-1307

**The Influence of Human Activity on Water Environment and their Economy around
Maninjau Lake, West Sumatra - Indonesia**

Alfian Zein | *Bung Hatta University*

Psychology

Room B

14:50-16:20

Friday, May 8

Session Chair: *Prof. Marietta Barbosa Rasonabe*

ICSSAM-1231

Predisposed Borderline Personality

Jason Superable Joven | *Colegio De San Gabriel Arcangel & Philippine Normal University-Manila*

Marietta Barbosa Rasonabe | *Colegio De San Gabriel Arcangel & San Pedro College of Business Administration*

ICSSAM-1423

Perception, Resiliency and Coping Strategies of Filipinos Amidst Disasters

Maria Celina Capala Ang | *Bulacan State University*

Lily Beth Diaz | *Bulacan State University*

ISEPSS-2295

Empathy and Emotional Response

Yi Chao Wang | *National Dong Hwa University*

ISEPSS-2353

Self-Efficacy for Non-Traditional Career: Influence of Gender Role Identity and Implication for the Education

Tomoko Adacchi | *Osaka-Kyoiku University*

ISEPSS-2363

Unsuccessful Service without Recovery Will Be More Distrust for Loyal Customer Than New Customer

Resekiani Mas Bakar | *Universitas Negeri Makassar*

Architectural Engineering & Urban Planning and Spatial Information

Room C

14:50-16:20

Friday, May 8

Session Chair: *Prof. Kangmin Lee*

ICNSE-1428

Consideration on Tension Field of Steel Plate Shear Wall for the Prediction of Deformation Mode

Keunyeong Oh | *Chungnam National University*

Jae-Hyuk So | *Chungnam National University*

Sung-Bin Hong | *Chungnam National University*

Yang Yang | *Chungnam National University*

Kangmin Lee | *Chungnam National University*

ICNSE-1464

An Analysis of Long-Term Land-Use Change in Taiwan Mountain Regions with Period Digital Aerial Photographs- Filling the Blank Spatial-Temporal Information with Participatory Mapping Visualization and Multi Agent System

Yung-Chung Chuang | *Feng-Chia University*

Information Engineering 1

AV Room

14:50-16:20

Friday, May 8

Session Chair: *Prof. Mayuree Lertwatechakul*

ICEAI-733

Quantification of the Overlapped Glistening in Intraocular Lens

Teeranoot Japunya | *Thammasat University*

Parisut Jitpakdee | *Thammasat University*

Bunyarit Uyyanonvara | *Thammasat University*

Chanjira Sinthanayothin | *National Science and Technology Development Agency
Pathumthani*

Hirohiko Kaneko | *Tokyo Institute of Technology*

ICEAI-746

An Efficient Topology Design for RFID Networks

Po-Jen Chuang | *Tamkang University*

Wei-Ting Tsai | *Tamkang University*

ICEAI-767

Reconfigurable Band-Notched CPW-Fed Slot Antenna

Mayuree Lertwatechakul | *King Mongkut's Institute of Technology Ladkrabang*

Chawalit Benjangkaprasert | *King Mongkut's Institute of Technology Ladkrabang*

ICEAI-770

Intelligent Management System for Railway Station

Alongkon Vijittanasan | *King Mongkut's Institute of Technology Ladkrabang*

Thanavit Anuwongpinit | *King Mongkut's Institute of Technology Ladkrabang*

Sippakorn Saeiao | *King Mongkut's Institute of Technology Ladkrabang*

Wasin Triampitak | *King Mongkut's Institute of Technology Ladkrabang*

Boonchana Purahong | *King Mongkut's Institute of Technology Ladkrabang*

Vanvisa Chutchavong | *King Mongkut's Institute of Technology Ladkrabang*

ICEAI-773

On Study of Railway Signaling Simulation in Thailand

Alongkon Vijittanasan | *King Mongkut's Institute of Technology Ladkrabang*

Sippakorn Saeiao | *King Mongkut's Institute of Technology Ladkrabang*

Thanavit Anuwongpinit | *King Mongkut's Institute of Technology Ladkrabang*

Puthita Samootrut | *King Mongkut's Institute of Technology Ladkrabang*

Boonchana Purahong | *King Mongkut's Institute of Technology Ladkrabang*

Vanvisa Chutchavong | *King Mongkut's Institute of Technology Ladkrabang*

Biological Engineering

Science Hall

14:50-16:20

Friday, May 8

Session Chair: *Prof. Ali Ali ElGamal*

ICCBES-571

Isolation and Identification of Anaerobic Bacteria from Coconut Wastewater Factory for Ethanol and Butanol Production

Chompunuch Glinwong | *Chulalongkorn University*

Nattika Jaroentaku | *Chulalongkorn University*

Jantarush Comewein | *Chulalongkorn University*

Warawut Chulalaksananukul | *Chulalongkorn University*

ICCBES-638

An Increase in Hydrophobicity of the Oxyanion Gln114 for an Expedient Development of a Catalytically Stable and Efficient Lipase

Roswanira Abdul Wahab | *Universiti Teknologi Malaysia*

Mahiran Basri | *Universiti Putra Malaysia*

Raja Noor Zaliha Raja Abdul Rahman | *Universiti Putra Malaysia*

Abu Bakar Salleh | *Universiti Putra Malaysia*

Mohd Basyaruddin Abdul Rahman | *Universiti Putra Malaysia*

ICCBES-650

Hepatoprotective Activity and Phytochemical Study of Albizia Lebbeck Flowers

Ali Ali ElGamal | *King Saud University*

Shaza Mohamed Al-Massarani | *King Saud University*

Mohamed Abelhalim Farag | *King Saud University*

Mansour Al-Said | *King Saud University*

Maged Saad Abdel-Kader | *Salman Abdulaziz University*

ICCBES-669

Environment Factors Can Influence Mitochondrial Inheritance in the Yeast Hybrids

Hsuan-I Lin | *National Changhua University of Education*

Jui-Yu Chou | *National Changhua University of Education*

ICCBES-673

Carrier-Bound Peptide with Both T Cell and B Cell Epitopes of Tropomyosin as Candidate Vaccine for Immunotherapy of Shellfish Allergy

Chu Ka Hou | *The Chinese University of Hong Kong*

Wai Christine Yee Yan | *The Chinese University of Hong Kong*

Leung Nicki Yat Hin | *The Chinese University of Hong Kong*

Leung Patrick Sai Cheong | *University of California*

Law & Politics

Room A

16:30-18:00

Friday, May 8

Session Chair: *Prof. Rebecca Lee*

ICSSAM-1313

Financial Management and Personal Supervision of the Elderly in Hong Kong: Neglect in (Elder) Law?

Rebecca Lee | *The University of Hong Kong*

ICSSAM-1426

Reform of Bureaucracy and Implications for Good Corporate Governance Actualizing Creative Economy in Indonesia

Busrizalti | *College of Economics EKUITAS*

ICSSAM-1220

The World in the 21st Century and Beyond: Convergence or Invariance

Saleh Mari Maina | *Federal University Kashere Gombe State- Nigeria*

Management 4

Room B

16:30-18:00

Friday, May 8

Session Chair: *Prof. Keith Sakuda*

ICSSAM-1372

Cultural Differences in Perceptions of Task Interdependence: A Proposed Model and Analysis

Keith Sakuda | *University of Hawaii West Oahu*

ICSSAM-1464

Privatization of Water Industry in Malaysia

Mohd Fazli Abdul Aziz | *SWCorp Malaysia*

Nazli Mahdzir | *Universiti Utara Malaysia*

Muhammad Hidayatullah Nasrul | *Implementation and Coordination Unit of the Prime Minister Department, Malaysia*

ICSSAM-1494

An Empirical Study on Organizational Determinants of RFID Adoption in the Logistics Thailand Company

Kwanjira Kaewfak | *Thammasat University*

Supparoeek Poojanrt | *Thammasat University*

Ekkanat Jitsomnuk | *Thammasat University*

Veeris Ammarapala | *Thammasat University*

ICSSAM-1366

Drivers and Forms of Coopetition Strategy in a B to B Market

Pierre Roy | *University of Montpellier*

Estelle Pellegrin-Boucher | *University of Montpellier*

ICSSAM-1375

Factors Influencing Hybrid Electric Vehicle Buying: An Application of Analytic Hierarchy Process

Chi-Cheng Huang | *Aletheia University*

Xuan-Rong Chen | *Aletheia University*

ICSSAM-1566

The Relevance of Work-Life Balance Programs in the Reduction of Work-Life Conflict and Turnover Intention in the Business Process Outsourcing Industry: A Structural Equation Model (SEM)

Christine Nuyda Balunos | *University of Santo Tomas*

Eleighn Grace Vanessa M Castro | *University of Santo Tomas*

Kathlyn Renee Magleo Taiño | *University of Santo Tomas*

Kristine Angeli Juan Reyes | *University of Santo Tomas*

Anne Nicole Persincula Sabino | *University of Santo Tomas*

ICSSAM-1384

Forms and Factors of Coopetition within Business Ecosystems: The Role of Emotions

Estelle Pellegrin-Boucher | *University of Montpellier*

Biochemistry & Bioengineering

Room C

16:30-18:00

Friday, May 8

Session Chair: *Prof. Hiroshi Matsui*

ICNSE-1292

Development of Catalysts with Biomolecular Engineering and Nanotechnology Approaches

Hiroshi Matsui | *Hunter College / Weill Medical School of Cornell University*

ICNSE-1376

The Effects of Digital Chinese Traditional Qigong Regimen Movement Intervention on the Brain Function in the Elderly with Slight Dementia

Chien-Min Cheng | *National Kaohsiung University of Applied Sciences*

Yung-Pin Ho | *National Kaohsiung University of Applied Sciences*

Shin-Tho Huang | *Lan Yang Institute of Technology*

Kwok On Lau | *The Chinese University of Hong Kong*

I-Mao Chen | *National Kaohsiung Normal University*

ICNSE-1294

Shear Mechanical Properties of Senile Coconut Palms at Stem Green Tissue

Oswaldo Mauricio Gonzalez | *Griffith University*

Benoit Gilbert | *Griffith University*

Henri Bailleres | *Department of Agriculture, Fisheries and Forestry, Queensland Government*

Hong Guan | *Griffith University*

ICNSE-1311

Cocowood Biomechanics of Stem Green Tissue

Oswaldo Mauricio Gonzalez | *Griffith University*

Khoi Anh Nguyen | *Griffith University*

ICEAI-774

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

Jui-Lin Lai | *National United University*

Rong-Sheng Lin | *National United University*

Shin-Chia Tsai | *National United University*

Shin-Yi Huang | *National United University*

Rong-Jian Chen | *National United University*

Environmental Sciences 2

AV Room

16:30-18:00

Friday, May 8

Session Chair: *Prof. Gyu-Cheol Lee*

ICCBES-652

Design and Performance of Immobilized Photocatalytic Reactor for Water Treatment

Maria Lourdes P. Dalida | *University of the Philippines-Diliman*

Angella H. Lim | *University of the Philippines-Diliman*

Karmina B. Bautista | *University of the Philippines-Diliman*

Riuji I. Sato | *University of the Philippines-Diliman*

ICCBES-675

Inoculation of Exopolysachharide Producing Azotobacter to Increase Nutrient Uptake of Soybean (Glycine Max (L.) Merrill)

Reginawanti Hindersah | *Universitas Padjadjaran*

Neni Rostini | *Universitas Padjadjaran*

Arief Harsono | *Indonesian Legumes and Tubers Research Centre Institute*

Rifqi Rachmawan | *Indonesian Legumes and Tubers Research Centre Institute*

Nurasyid Santoso | *Indonesian Legumes and Tubers Research Centre Institute*

ICCBES-725

Relationship between Habitat Characteristics and Genetic Diversity of *Persicaria Thunbergii*

Bo Eun Nam | *Seoul National University*

Jae Geun Kim | *Seoul National University*

ICCBES-742

Notes on World's Sustainable Development

Vladimir Gorelov | *The Russian Presidential Academy of National Economy and Public Administration*

Pavel Golosov | *The Russian Presidential Academy of National Economy and Public Administration*

ICCBES-607

Application of Response Surface Methodology for Optimization of Trace Amount of Diazinon Preconcentration in Natural Waters and Biological Sample by Carbon Mesoporous CMK-3

Hadi Rahimzadeh Barzoki | *Golestan University of Medical Sciences*

Somayeh Beirami | *Golestan University of Medical Sciences*

Nader Bahramifar | *Tarbiat Modares University*

Zahra Mehraban | *Research Institute for Education, Tehran, Iran*

HeidarAli Rahimzadeh Barzoki | *Islamic Republic of Iran Costoms Administration(IRICA)*

ICCBES-893

Detection of Coliforms in Drinking Water: A Rapid, Reliable Method that Does Not Require An External Energy Source

Min-Jeong Kim | *Water Quality Research Center, K-water*

Gyu-Cheol Lee | *Water Quality Research Center, K-water*

Biological Sciences 1

Science Hall

16:30-18:00

Friday, May 8

Session Chair: *Prof. Ching-An Peng*

ICCBES-783

Daily Rhythm of Phytoplankton in Baisha Artificial Lake of the Middle Taiwan

Zi-Chin Li | *National Changhua University of Education*

Yen-Po Lin | *National Changhua University of Education*

Yu-Sin Hong | *National Changhua University of Education*

Tsung-Hsuan Li | *National Changhua University of Education*

Chung-Chi Lin | *National Changhua University of Education*

Wei-Lung Wang | *National Changhua University of Education*

Li-Ling Chao | *National Taichung University of Science and Technology*

ICCBES-784

Analysis of Heavy Metal and Mineral Nutrient Levels in *Sinapis Arvensis* L. Plant, Grown in an Industrial Area, Kocaeli/Turkey

Mehmet Emin Uras | *Marmara University*

Ibrahim Ilker Ozyigit | *Marmara University*

Sedat Karadeniz | *Marmara University*

Mustafa Keskin | *Marmara University*

Goksel Demir | *Bahcesehir University*

Ibrahim Ertugrul Yalcin | *Bahcesehir University*

Fatih Tabanlı | *Marmara University*

ICCBES-798

Comparative Parologue Ratio Test for Measurement of Beta-Defensins Copy Number Variation: A Pioneer Study

Maryam Jamielah Yusoff | *Universiti Putra Malaysia*

Nurul Amiera Ghazi | *Universiti Putra Malaysia*

Chin Shi Kee | *Universiti Putra Malaysia*

Suhaili Abu Bakar | *Universiti Putra Malaysia*

ICCBES-805

Using High Carbon Dioxide Concentration to Induce Astaxanthin Production in *Haematococcus Pluvialis*

Ching-An Peng | *Michigan Technological University*

Alicia J. Sawdon | *Michigan Technological University*

ICCBES-827

Evaluation of Cisplatin-Induced Anti-Tumor Effect with Interstitial Fluid Pressure

Kazu Takeda | *Tohoku University*

Tomoki Ouchi | *Tohoku University*

Shiro Mori | *Tohoku University Hospital*

Tetsuya Kodama | *Tohoku University*

ICCBES-844

Functional Properties of Coffee and Coffee Ground Extracts; Antioxidant, Antimicrobial and Prebiotic

Wannaporn Klangpetch | *Naresuan University*

Salinthip Musantheer | *Naresuan University*

Supharat Nakyoo | *Naresuan University*

Linh Thi Phuong Le | *Nong Lam University*

Jetsada Wichaphon | *Naresuan University*

Saowaluk Rungchang | *Naresuan University*

ICCBES-774

Determination of Heavy Metals and Mineral Nutrients in Leaves of Some Widely Used Medicinal Plants in Turkey

Ibrahim Ilker Ozyigit | *Marmara University*

Bahattin Yalcin | *Marmara University*

Senay Turan | *Marmara University*

Sedat Karadeniz | *Marmara University*

Goksel Demir | *Bahcesehir University*

Ibrahim Ertuğrul Yalcin | *Bahcesehir University*

Oral Sessions - May 9

Education 4

Room A

09:00-10:30

Saturday, May 9

Session Chair: *Prof. Mow Chiu Raymond Chan*

ICSSAM-1369

Critical Literacy in Taiwan: A Self-Discovery English Course

Jun-Min Kuo | *Tunghai University*

ICSSAM-1536

Multicultural Learning Environment in Japanese University

Jiwak Raj Bajracharya | *International Christian University*

ICSSAM-1433

The Educational Milieu of the Agtas in the City of Ilagan

Demetrio Pascua Anduyan, Jr. | *Isabela State University*

Agnes Sagayadoro Reyes | *Philippine Normal University*

ICSSAM-1362

A Modeling Study: The Interrelationships among High Performance School (Hps) Students' Mathematics Beliefs, Learning Environment, Learning Approaches and Mathematics Achievement

Mazlini Adnan | *Universiti Pendidikan Sultan Idris*

Mohd Faizal Nizam Lee Abdullah | *Universiti Pendidikan Sultan Idris*

Marzita Puteh | *Universiti Pendidikan Sultan Idris*

Che Nidzam Che Ahmad | *Universiti Pendidikan Sultan Idris*

Siti Mistima Maat | *Universiti Kuala Lumpur Malaysia France Institute*

ISEPSS-2250

A Study on State and Problems of Instruction for Mathematics Pre-Service Teachers in Songkhla Rajabhat University

Kawalin Chainarong | *Songkhla Rajabhat University*

ISEPSS-2293

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

Kurihara Shinji | *Hiroshima University*

Mow Chiu Raymond Chan | *Hiroshima University*

Management 5

Room B

09:00-10:30

Saturday, May 9

Session Chair: *Prof. Wilco Wai Hung Chan*

ICSSAM-1387

The Effects of Risk and Hedonic Value on the Intention to Purchase on Group Buying Website: The Role of Trust, Price and Conformity Intention

Rong-An Shang | *Soochow University*

Chun-Yu Hsu | *Soochow University*

Chung-Kuan Lin | *Soochow University*

Yu-Chen Chen | *Soochow University*

ICSSAM-1405

Consumer Attitudes towards Domestic and Foreign Service Companies: The Identification of Typological Groups in Polish Insurance Market

Agnieszka Hat | *University of Economics, Poland*

ICSSAM-1408

Multi-Mode Resource-Constrained Multi-Project Scheduling Problem by Bi-level Decentralized Programming

Chi-Bin Cheng | *Tamkang University*

Chiao-Yu Lo | *Tamkang University*

ICSSAM-1416

Compensation Difference between Locals and Expatriates in China's Hotel Industry

Wilco Wai Hung Chan | *Hong Kong Polytechnic University*

Alice Hon | *Hong Kong Polytechnic University*

Leon Liu | *Hong Kong Polytechnic University*

Julie Ningyi Zhu | *Hong Kong Polytechnic University*

ICSSAM-1261

Problem and Guidelines to Solve the Problem of Spa Business in Nakhonratchasima Province for Increasing Competitive Advantage

Kamonphon Nakhonchaigul | *Ubon Rachathani University*

Anirut Suebsing | *Ubon Rachathani University*

ICSSAM-1505

The Development of Dimensions Dynamic Capabilities

Yenny Maya Dora | *Widyatama University*

ICSSAM-1545

The Development of Concept Human Capital

Isniar Budi Arti | *University Computer Indonesia*

Civil Engineering 2

Room C

09:00-10:30

Saturday, May 9

Session Chair: *Prof. Cevdet Emin Ekinci*

ICNSE-1279

Delay Factors between Main Contractors and Nominated Sub Contractors in High Rise Building in Thailand

Sunan Suksai | *University King Mongkuts University of Technology Thonburi*

ICNSE-1350

An Experimental Study of the Anchorage Capacity of an Anchor Type of Re-bar

Seong-Yeol Cho | *Seoul National University of Science & Technology*

Wang-Gi Lee | *Seoul National University of Science & Technology*

Ki-Sang Son | *Seoul National University of Science & Technology*

ICNSE-1454

Probabilistic and Mechanistic Approach for Pavement Analysis

Ming-Lou Liu | *I-Shou University*

Yan-Chang Chen | *I-Shou University*

Ting-Wei Yang | *I-Shou University*

Zhong Qing Ma | *I-Shou University*

ICNSE-1494

Utilizing Building Information Modeling (BIM) in Green Building Certification

Po-Han Chen | *National Taiwan University*

Nguyen Thanh Chuong | *National Taiwan University*

ICNSE-1539

Experimental Investigation of Summer Season Bioharmological Properties of Hospital Polyclinic Environments

Cevdet Emin Ekinci | *Firat University*

Nurdan Baykus | *Kilis 7 Aralık Üniversitesi*

Computer Science 3

AV Room

09:00-10:30

Saturday, May 9

Session Chair: *Prof. Rusins Martins Freivalds*

ICNSE-1406

Ultrametric Algorithms to Test Security of Mobile Networks

Arija Sproge | *University of Latvia*

Uldis Straujums | *University of Latvia*

Rusins Martins Freivalds | *University of Latvia*

Solvita Zarina | *University of Latvia*

ICNSE-1409

Quantum Algorithms Used to Analyze Security Problems

Rusins Martins Freivalds | *University of Latvia*

Uldis Straujums | *University of Latvia*

Solvita Zarina | *University of Latvia*

Arija Sproge | *University of Latvia*

ICNSE-1460

A Study of Using an App to Analyze the Drawing Technique

Tracy Kwei-Liang Ho | *University of Taipei*

Huann-shyang Lin | *National Sun Yat-sen University*

Ching-Kong Chen | *National Taipei University of Technology*

ICEAI-647

An Database Accessing Framework for Rapid-test Reader Design

An Sang Hou | *Southern Taiwan University of Science and Technology*

ICEAI-661

Suppliers Segmentation Technique for e-Commerce Transaction Brokers, Case Study: Hotel Rooms Provider

Veronica Sri Moertini | *Parahyangan Catholic University*

Verliyantina Sutarto | *KlikHotel.com*

Chastine Nathania Amelinda | *Parahyangan Catholic University*

Irene Sukanto | *Parahyangan Catholic University*

ICNSE-1387

Performance of Mobile Base Station in Wireless Sensor Network

Ismail, I.S | *Universiti Malaysia Terengganu*

Nurul Adilah Abdul Latiff | *Universiti Malaysia Terengganu*

Chemical Sciences 3

Science Hall

09:00-10:30

Saturday, May 9

Session Chair: *Prof. Masafumi Yoshida*

ICCBES-753

Effect and Safety of Bioactive Ingredients of Kava Piper Methysticum

Masafumi Yoshida | *Tokyo City University*

Kinuko Niihara | *Tokyo City University*

Shio Murakami | *Tokyo City University*

Surendra Prasad | *The University Of The South Pacific*

ICCBES-757

Energy and Exergy Analyses of Hydrogen Production from Biomass Gasification Process

Woranee Paengjuntuek | *Thammasat University*

Janjira Amornchaivittawat | *Thammasat University*

Jitti Mungkalasiri | *MTEC, National Science and Technology Development Agency*

ICCBES-761

Drops on Hydrophilic Conical Fibers: Gravity Effect and Coexistent States

Yu- En Liang | *National Taiwan University*

Heng-Kwong Tsao | *National Central University*

Yu-Jane Sheng | *National Taiwan University*

ICCBES-762

Preparation of Iron Oxide Nanocatalysts from Low Grade Steel and Application in the Liquid Phase Oxidation of Benzene

David Lokhat | *University of KwaZulu-Natal*

Milan Carsky | *University of KwaZulu-Natal*

ICCBES-763

Depletion Induced Binding between Key and Lock Colloids

Chang-Wei Huang | *National Taiwan University*

Hung-Yu Chang | *National Taiwan University*

Shyh-Yun Chen | *National Taiwan University*

Yu-Jane Sheng | *National Taiwan University*

Heng-Kwong Tsao | *National Central University*

ICCBES-740

Synthesis and Characterization of a Self-Assembling Hydrogel from Water-Soluble Cellulose Derivatives and Sodium Hydroxide/Thiourea Solution

Jeddah Marie Garrucho Vasquez | *University of the Philippines – Diliman*

Terence Palad Tumolva | *University of the Philippines – Diliman*

Culture

Room A

10:40-12:10

Saturday, May 9

Session Chair: *Prof. Norihito Mizuno*

ICSSAM-1254

Traditional Strategies of Public Transportation “Angkot” Based on History and Trust : Case Study in Sub-District Pakem and Condong Catur – Yogyakarta, Indonesia

Aisyah Kusuma Rachmadani | *University Gadjah Mada*

Faiza Syifa Zahira | *University Gadjah Mada*

Alia Fajarwati | *University Gadjah Mada*

ICSSAM-1351

Surviving a Stormy Age: Japanese Residents in China and Anti-Japanese Sentiment and Actions in the 1920s and 1930s

Norihito Mizuno | *Akita International University*

ICSSAM-1430

Family-Related Practices: The Case of the Agtas in Diteki, San Luis, Aurora, Philippines

Marcelino Jr Luis Tabago | *Western Philippines University*

Aurora, Philippines | *Central Luzon State University*

Biological Sciences 2

Room B

10:40-12:10

Saturday, May 9

Session Chair: *Prof. Siriporn Phasomkusolsil*

ICCBES-839

The Role of Indole-3-Acetic Acid in Yeast Ecology

Hung-Wei Chen | *National Changhua University of Education*

Shih-Feng Fu | *National Changhua University of Education*

Jyuan-Yu Wei | *National Changhua University of Education*

Li-Ying Shin | *National Changhua University of Education*

Jui-Yu Chou | *National Changhua University of Education*

ICCBES-841

Seasonal Variation of Yeast Composition from Biting Midge (*Forcipomyia taiwana*) in Taiwan

Hung-Wei Chen | *National Changhua University of Education*

Wei-Lung Wang | *National Changhua University of Education*

Chung-Chi Lin | *National Changhua University of Education*

Yu-Der Wen | *National Changhua University of Education*

Jui-Yu Chou | *National Changhua University of Education*

ICCBES-890

Study of High Blood Perfusion Organs after Injection of SN-38-Loaded Polymeric Depots

Ketpat Vejjasilpa | *Mahidol University*

Chawan Manaspon | *Mahidol University*

Noppadol Larbchareonsub | *Mahidol University*

Atthaporn Boongird | *Mahidol University*

Suradej Hongeng | *Mahidol University*

Nipan Israsena | *Chulalongkorn University*

Norased Nasongkla | *Mahidol University*

ICNSE-1338

Insecticidal Effect of Essential Oils from Thai Medicinal Plants Against *Culex Quinquefasciatus*

Siriporn Phasomkusolsil | *Armed Forces Research Institute of Medical Sciences*

Mayura Soonwera | *King Mongkut's Institute of Technology Ladkrabang*

ICCBES-809

Very High Gravity Fermentation with Ergosterol and Tween80 Supplementation: A Novel Approach in Bioethanol Production from *Nypa fruticosa* Sap

Fajar Restuhadi | *University of Riau*

Evy Rossi | *University of Riau*

Chairul Muchiyat | *University of Riau*

ICCBES-974

Second Generation Bioethanol in France

Paul Colonna | *French National Institute for Agricultural Research (INRA)*

Systems and Industrial Engineering 2

Room C

10:40-12:10

Saturday, May 9

Session Chair: *Prof. Muhamad Arifpin Mansor*

ICNSE-1295

Using the CFD Technique to Analyze Tire Tread Hydroplaning Effects

Min-Feng Sung | *Kenda Rubber Ind. Co., Ltd*

Chin-Fu Chen | *Kenda Rubber Ind. Co., Ltd*

Chao-Jung Chen | *Kenda Rubber Ind. Co., Ltd*

ICNSE-1381

A Framework for Measuring the Effect of Changeover Time to Overall Equipment Effectiveness

Muhamad Arifpin Mansor | *University Malaysia Pahang*

Ahmad Rasdan Ismail | *University Malaysia Kelantan*

Mohamad Rusydi Mohamad Yasin | *University Malaysia Pahang*

Azahari Halmi | *University Malaysia Pahang*

ICNSE-1385

Development of Network DEA Model to Measure Risk in Production Line's Productivity: A Case Study of Automation and Labor Combination

Nik Afieza Che Azhar | *Universiti Malaysia Pahang*

Muhamad Arifpin Mansor | *Universiti Malaysia Pahang*

Ahmad Rasdan Ismail | *Universiti Malaysia Kelantan*

Siti Aishah Rusdan | *Universiti Malaysia Pahang*

ICNSE-1400

Implementation of Single Minutes of Exchange Die (SMED) in Malaysia Metal Stamping Industry: A Case Study

Ahmad Rasdan Ismail | *University Malaysia Kelantan*

Muhamad Arifpin Mansor | *University Malaysia Pahang*

Mohamad Rusydi Mohamad Yasin | *University Malaysia Pahang*

Azahari Halmi | *University Malaysia Pahang*

Computer Science 4

AV Room

10:40-12:10

Saturday, May 9

Session Chair: *Prof. Kyungkoo Jun*

ICEAI-680

Robust Barcode Detection System Using Probabilistic Hough Transform

Dongjin Park | *Incheon National University*

Kyungkoo Jun | *Incheon National University*

ICEAI-694

Adaptive Task Allocation for Clustering-Based Workflow Scheduling

Kuo-Chan Huang | *National Taichung University of Education*

Hsiao-Ching Liu | *National Taichung University of Education*

Hsi-Ya Chang | *National Center for High-Performance Computing*

ICEAI-707

Broadcasting Algorithms for Triangular Meshes and Triangular Pyramids

Yi-Chun Wang | *National Chi Nan University*

Justie Su-Tzu Juan | *National Chi Nan University*

Dyi-Rong Duh | *Hwa Hsia University of Technology*

ICEAI-708

Dynamic Population Control in Modified Particle Swarm Optimization with Mutation and Reposition

Wichaya Somgiat | *King Mongkut's Institute of Technology Ladkrabang*

Boontee Kruatrachue | *King Mongkut's Institute of Technology Ladkrabang*

ICEAI-721

Multicast Retransmission Scheduling in Mobile Communication Networks Using Network Coding

Yi-Ju Hsieh | *National Taichung University of Education*

Tsan-Pin Wang | *National Taichung University of Education*

ICEAI-738

Greedy Mutation Search with Particle Swarm Optimization

Veerakorn Poonsilp | *King Mongkut's Institute of Technology Ladkrabang*

Boontee Kruatrachue | *King Mongkut's Institute of Technology Ladkrabang*

ICEAI-683

Realtime Panorama Video System using Networked Multiple Cameras

Kyungyoon Choi | *Incheon National University*

Kyungkoo Jun | *Incheon National University*

ICEAI-684

Hand Contour Detector Robust to Noise

Soohwan Chae | *Incheon National University*

Kyungkoo Jun | *Incheon National University*

Chemical Sciences 4

Science Hall

10:40-12:10

Saturday, May 9

Session Chair: *Prof. Gursharan Singh*

ICCBES-747

Investigation on Oligomerization of 1-Decene to Diesel Fuel over Zeolite Catalysts

Snunkheam Tunkla Echaroj | *Thammasat University*

Malee Santikunaporn | *Thammasat University*

ICCBES-851

Catalytic Dewaxing and Isodewaxing of Hydrocracker Bottoms for Fuel and Lubricant Production

Rangsan Rungruengsee | *Thammasat university*

Kornthape Prasirtsiriphan | *PTT Public Company Limited*

Malee Santikunaporn | *Thammasat university*

ICCBES-741

Catalytic Hydrocracking of Waste Vegetable Oil Using High Pressure Flow Apparatus to Obtain Jet Fuel Range Alkanes

David Lokhat | *University of KwaZulu-Natal*

Sammy Lewis Kiambi | *Durban University of Technology*

Keldon Moodley | *University of KwaZulu-Natal*

Keroshan Govender | *University of KwaZulu-Natal*

ICCBES-743

Synthesis & Characterization of Multinuclear Complexes of Molybdenum

Gursharan Singh | *Giani Zail Singh PTU Campus*

Vikas Mangla | *Giani Zail Singh PTU Campus*

Mamta Goel | *Giani Zail Singh PTU Campus*

Kavita Singla | *Giani Zail Singh PTU Campus*

Deepika Rani | *Giani Zail Singh PTU Campus*

ICCBES-746

Molecularly Imprinted Polymer Solid Phase Extraction of Glibenclamide with Acrylamide Monomer for Extraction of Glibenclamide from Serum

Aliya Nur Hasanah | *Universitas Padjadjaran*

Rahmana Emran Kartasasmita | *Bandung Institute of Technology*

Slamet Ibrahim | *Bandung Institute of Technology*

ICCBES-748

The Study of Removal Efficiency of As, Cr and Mn Cation Exchange Resin Modified by Hydrated Fe(III) Oxides Nanoparticle

Somchintana Puttamat | *Chulalongkorn University*

Varong Pavarajarn | *Chulalongkorn University*

ICCBES-891

Identification of Asiatic Acid Pharmacophore as COX-2 Inhibitor

Ida Musfiroh | *Universitas Padjadjaran*

Muchtaridi Muchtaridi | *Universitas Padjadjaran*

Ahmad Muhtadi | *Universitas Padjadjaran*

Rahmana E Kartasasmita | *School of Pharmacy, Bandung Institute of Technology*

Slamet Ibrahim | *School of Pharmacy, Bandung Institute of Technology*

Economics

Room A

13:10-14:40

Saturday, May 9

Session Chair: *Prof. Diana Sari*

ICSSAM-1195

Key Performance Indicators for Measuring Resource Management in Higher Education Institutions

Stefani Lily Indarto | *Soegijapranata Catholic University*

Theresia Dwi Hastuti | *Soegijapranata Catholic University*

ICSSAM-1331

Malaysian Opinions of GM Food: Study on Awareness and Knowledge

Golnaz Rezai | *Universiti Putra Malaysia*

Mad Nasir Shamsudin | *Universiti Putra Malaysia*

Zainalabidin Mohamed | *Universiti Putra Malaysia*

Bashir Ibrahim Muse | *Universiti Putra Malaysia*

ICSSAM-1346

Effects of Financial Deepening and International Trade on Stock Return and Exchange Rate in China

Ho-Yin Yue | *Hang Seng Management College*

ICSSAM-1371

Formal Institutions and Economy Fluctuation: An Empirical Study from Forty-Nine Countries

Chih-Pin Lin | *Aletheia University*

Meng-Szu Hsu | *Aletheia University*

ICSSAM-1442

The Influence of Growth Capital Expenditures and Fiscal Stress on the Growth of Local Taxes (Research on District/City in West Java Province)

Diana Sari | *Widyatama University*

Karhi Nisjar Sardjudin | *Widyatama University*

Mailinda Utami Anandhari | *Widyatama University*

Biological Sciences 3

Room B

13:10-14:40

Saturday, May 9

Session Chair: *Prof. Chong Kim Wong*

ICCBES-679

The Trophic Role of Microzooplankton in Tolo Harbour, Hong Kong, As Revealed by HPLC Pigment Analyses

Chong Kim Wong | *The Chinese University of Hong Kong*

ICCBES-733

Isolation and Identification The Diversity of Bacteria That Live in The Gut and Castings of Thai Local Earthworm

Suleerak Arlaktham | *Maejo University*

Piyanuch Niumsup | *Maejo University*

Arnat Tancho | *Maejo University*

Pattaraporn Rattanawaree | *Bioresources Technology Unit*

Winai Chaipitakcholatar | *Bioresources Technology Unit*

ICCBES-765

Reduction of Nursing Effort for Normoglycaemia within Intensive Care Patients through Long-acting Insulin

Normy Norfiza Abdul Razak | *Universiti Tenaga Nasional*

Nur Athirah Binti Abdul Razak | *Universiti Tenaga Nasional*

Fatanah M.Suhaimi | *Universiti Sains Malaysia*

ICCBES-771

Interspecific Competition behavior and Circadian Rhythm of Ground Ants in The Subtropical Forest (Hymenoptera: Formicidae)

Chung-Han Shih | *National Changhua University of Education*

Chung-Chi Lin | *National Changhua University of Education*

ICCBES-750

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

Etty Riani | *Bogor Agricultural University*

Emilda Emilda | *Bogor Agricultural University*

Khaswar Syamsu | *Bogor Agricultural University*

Tun Tedja Irawadi | *Bogor Agricultural University*

Environmental Engineering & Energy Engineering

Room C

13:10-14:40

Saturday, May 9

Session Chair: *Prof. Haydar Demirhan*

ICEAI-686

Urban Thermal Stress Mapping: Combination of Long-Term Climate Data and Occurrence Frequencies

Yu-Cheng Chen | *National Cheng Kung University*

Tzu-Ping Lin | *National Cheng Kung University*

Jian-Ting Lin | *National Cheng Kung University*

ICEAI-710

Characterization of Summertime Highway Gas Emissions with DOAS System in Sohar City, Oman

Amin Ismael Nawahda | *Sohar University*

ICEAI-636

A Smart Mechatronic Solar Tracking System for Improved Performance

Osama Abd-Elmohaymen Montasser | *The British University in Egypt*

Mohamed Tarek Elewa | *The British University in Egypt*

ICEAI-690

Determination of Correlated Covariates for Horizontal Solar Radiation Modeling by Robust Coplot Graphs

Haydar Demirhan | *Hacettepe University*

Yasemin Kayhan Atilgan | *Hacettepe University*

ICNSE-1502

A Proposal to Design of An Integrated System for Analysis of Structural Performance and Environmental Impact Assessments

Ali Jamshidi | *Hokkaido University*

Kiyofumi Kurumisawa | *Hokkaido University*

Toyoharu Nawa | *Hokkaido University*

ICNSE-1313

H₂-LPG-SCR of NO_x over green Ag/Al₂O₃ reactively calcined nano-catalyst

Pratichi Singh | *Banaras Hindu University, Varanasi*

Ram Prasad | *Indian Institute of Technology (BHU), Varanasi*

Jitendra Pandey | *Banaras Hindu University (BHU), Varanasi*

Kazushige Ohno | *IBIDEN Co. Ltd.*

ICNSE-1487

Feasibility of Greenhouse Gas Emission Reduction in Campus Using Wind Turbine: A Case of Payap Universitys Library

Dilok Kiatlertnapha | *Chiang Mai University*

Natanee Vorayos | *Chiang Mai University*

Nat Vorayos | *Chiang Mai University*

Information Engineering 2

AV Room

13:10-14:40

Saturday, May 9

Session Chair: *Prof. Kyungkoo Jun*

ICNSE-1542

The Analysis of Logistics Information Vulnerability in Store-to-Store Delivery System

Jia-Min Zhao | *Nanhu University*

ICEAI-705

VCSEL-Based Tunable Optical Bandpass Filter for Optical Fiber Transport Systems

Yi-Syuan Huang | *National Chiayi University*

Ching-Hung Chang | *National Chiayi University*

Liang-Shuo Tu | *National Chiayi University*

ICEAI-706

Bidirectional Single Wavelength Optical Phase Modulation and Intensity Modulation Transport Systems

Liang-Shuo Tu | *National Chiayi University*

Ching-Hung Chang | *National Chiayi University*

Yi-Syuan Huang | *National Chiayi University*

ICEAI-730

A Markerless Humanoid Skeleton Motion Capture Technique for Motion Sensing Games

Tainchi Lu | *National Chiayi University*

Che-Wei Lin | *National Chiayi University*

ICNSE-1556

The Development of BIM Model-based Construction Project Performance Evaluation Mechanism

Yi-Jao Chen | *University of Kang Ning*

Chung-Wei Feng | *National Cheng Kung University*

Kai-Ming Yang | *University of Kang Ning*

Chemical Sciences 5

Science Hall

13:10-14:40

Saturday, May 9

Session Chair: *Prof. Mashitah M Yusoff*

ICCBES-897

Study Biodegradable PLA and Household Glove Latex Blending with Poly(ethylene glycol) as Compatibilizer

Nantharat Phruksaphithak | *Thaksin University*

ICCBES-912

Effect of Sterols and Triterpenoids of Glutinous Rice Bran Extract (Variety Leum Pua) in MCF-7 Cell Line

Pattawat Seekhaw | *Chiang Mai University*

Sugunya Mahatheeranont | *Chiang Mai University*

Phumon Sookwong | *Chiang Mai University*

Suwaporn Luangkamin | *Kasetsart University*

Sucha Numkliang | *Mahidol University*

Vijittra Leardkamolkarn | *Mahidol University*

Acharaporn Na Lampang Neonplab | *Phitsanulok Rice Research Center*

Pakawan Puangsombat | *Chiang Mai University*

ICCBES-913

Phycocyanin-Hg²⁺ Ensemble Probe for Selective Determination of Cysteine

Premsak Puangploy | *King Mongkuts University of Technology Thonburi*

Sukunya Oaew | *King Mongkuts University of Technology Thonburi*

Werasak Surareungchai | *King Mongkuts University of Technology Thonburi*

ICCBES-915

Cellulose Assisted Reduction of Silver(I) to Silver Nanoparticles

Wei Chung Chen | *McGill University*

Theo G.M. Van De Ven | *McGill University*

ICNSE-1441

In Situ TEM Characterisation of 2-Dimensional Materials in Liquids for Energy Storage and Optoelectronics Applications

Evie M Doherty | *Trinity College Dublin*

Andres Seral-Ascaso | *Trinity College Dublin*

Eva McGuire | *Trinity College Dublin*

Claudia Backes | *Trinity College Dublin*

Jonathan Coleman | *Trinity College Dublin*

Valeria Nicolosi | *Trinity College Dublin*

ICNSE-1541

Gas Chromatographic Analyses of Complex Sesquiterpenes in Malaysian Agarwood Essential Oil

Mashitah M Yusoff | *Universiti Malaysia Pahang*

Saiful Nizam Tajuddin | *Universiti Malaysia Pahang*

Environmental Sciences 3

Room A

14:50-16:20

Saturday, May 9

Session Chair: *Prof. Wan Aini Wan Ibrahim*

ICCBES-822

Assessment of Microbial Community Structure and Population Dynamics within Anaerobic Membrane Bioreactor during Startup to Stable Period

Theint Theint Win | *Mandalay Technological University*

Hye Min Kim | *Yonsei University*

Kyung Guen Song | *Korea Institute of Science and Technology*

ICCBES-847

Naringenin Functionalized Silica-Coated Magnetic Nanoparticles as New Magnetic Solid Phase Extraction Sorbent of Selected Metal Ions from Water Samples

Wan Aini Wan Ibrahim | *Universiti Teknologi Malaysia*

Layth Imad Abd Ali | *Universiti Teknologi Malaysia*

Azli Sulaiman | *Universiti Teknologi Malaysia*

Mohd Marsin Sanagi | *Universiti Teknologi Malaysia*

ICCBES-848

Assessment on The Evolution of Beta Defensins (β -defensins) Gene in Selected Major Ethnic of Sarawak, Malaysia Borneo

Zahirunisa Abd Rahim | *Universiti Putra Malaysia*

Suhaili Abu Bakar | *Universiti Putra Malaysia*

ICCBES-855

Microbiological Characteristics of Palm Oil Mill Effluent

Kar Ming Tan | *Universiti Teknologi Malaysia*

Wai Loan Liew | *Universiti Teknologi Malaysia*

Khalida Muda | *Universiti Teknologi Malaysia*

Mohd. Azraai Kassim | *Universiti Teknologi Malaysia*

ICCBES-879

**The First Results of The Distribution of Cesium-137 in Urban Soil of Snezhnogorsk
(The Kola Peninsula, Russia)**

Anna Usacheva | *IGEM RAS*

Ivan Semenov | *IGEM RAS*

ICCBES-892

**Using Chemical Fingerprints to Evaluate Weathering Effects in Gasoline Contaminated
Soils**

Colin S. Chen | *National Kaohsiung Normal University*

Chien-Jung Tien | *National Kaohsiung Normal University*

Chih-Yu Ho | *National Kaohsiung Normal University*

Ecology and the Environment, Geological Engineering

Room B

14:50-16:20

Saturday, May 9

Session Chair: *Prof. Marzuki Ismail*

ICNSE-1334

Workplace Ergonomics Risk Assessment of Mining Industries

Norhidayah Mat Sout | *Universiti Malaysia Pahang*

Muhamad Arifpin Mansor | *Universiti Malaysia Pahang*

Ahmad Rasdan Ismail | *Universiti Malaysia Kelantan*

Norhidayah Abdull | *Universiti Malaysia Pahang*

ICNSE-1395

Air Speed and Particle Deposition Rates in Indoor Building

A. Norhidayah | *Universiti Malaysia Pahang*

A. Nur Atikah | *Universiti Malaysia Pahang*

E.H. Sukadarin | *Universiti Malaysia Pahang*

ICNSE-1397

Indoor/Outdoor Relationship and Chemical Composition of PM2.5 in Office

A. Norhidayah | *Universiti Malaysia Pahang*

S. Zarifah | *Universiti Malaysia Pahang*

E.H. Sukadarin | *Universiti Malaysia Pahang*

ICNSE-1399

Accident in Mining and Quarry Site: Rate of Occurrences and Causes

Nur Azlina Abd Rahman | *Universiti Malaysia Pahang*

Muhammad Arifpin Mansor | *Universiti Malaysia Pahang*

Norhidayah Abdull | *Universiti Malaysia Pahang*

Ahmad Rasdan Ismail | *Universiti Malaysia Kelantan*

ICNSE-1424

Time Series Analysis of Particulate Matter (PM10) Concentration in Kuala Terengganu of Peninsular Malaysia

Marzuki Ismail | *Universiti Malaysia Terengganu*

Samsuri Abdullah | *Universiti Malaysia Terengganu*

Fong Si Yuen | *Universiti Malaysia Terengganu*

ICNSE-1332

**Carbonate Reservoir Rock Typing Determination for Enhancing Reservoir
Producibility in Baturaja Formation, South Sumatra Basin**

Jarot Setyowiyoto | *Universitas Gadjah Mada, Yogyakarta, Indonesia*

Rienno Ismail | *PT. Pertamina, Indonesia*

Aiman Haidar Shamlan | *Universitas Gadjah Mada, Yogyakarta, Indonesia*

ICNSE-1404

Heavy Metal Contamination Associated with Dust Particles in Iran

Ghasem Rahimi | *Bou-Ali Sina University*

Maryam Hemati | *Bou-Ali Sina University*

Optical Sciences and Engineering & Material Engineering & Physics

Room C

14:50-16:20

Saturday, May 9

Session Chair: *Prof. Branko Skoric*

ICNSE-1291

Lasing Emission from The Quantum Dots Doped Soft Matter with Polymer Template

Lin-Jer Chen | *National Cheng Kung University*

Chia-Rong Lee | *National Cheng Kung University*

ICNSE-1321

Effect of Mg on the Oxidation of CrAlN Thin Films

Min Jung Kim | *Sungkyunkwan University*

Sang Hwan Bak | *Sungkyunkwan University*

Poonam Yadav | *Sungkyunkwan University*

Muhammad Ali Abro | *Sungkyunkwan University*

Soon Yong Park | *Sungkyunkwan University*

Kwon Yong Ji | *Sungkyunkwan University*

Dong Bok Lee | *Sungkyunkwan University*

ICNSE-1320

Modication of Hard Coatings with Ion Beam

Aleksandar Miletic | *University of Novi Sad*

Milan Kukuruzovic | *University of Novi Sad*

Pal Terek | *University of Novi Sad*

Branko Skoric | *University of Novi Sad*

ICNSE-1416

Carbon Dioxide Capture from Flue Gas by Temperature Swing Adsorption Process with PEI/SBA-15 Sorbent

Cheng-tung Chou | *National Central University*

Yi-ting Shen | *National Central University*

Chia-hao Chan | *National Central University*

Hong-sung Yang | *Hwa-Hsia University of Technology*

Jing-Liang Zhang | *National Central University*

Hou Chuan Wang | *Industrial Technology Research Institute*

Hsiu Hsia Lee | *Industrial Technology Research Institute*

Jyh Feng Hwang | *Industrial Technology Research Institute*

Wang Chen | *Industrial Technology Research Institute*

ICNSE-1329

Exploring Novel 2D and 1D Materials: Synthesis and Properties of the Thinnest Materials in the World

Andres Seral-Ascaso | *Trinity College Dublin*

Sonia Metel | *Trinity College Dublin*

Hannah Nerl | *Trinity College Dublin*

Anuj Pokle | *Trinity College Dublin*

Eva McGuire | *Trinity College Dublin*

Claudia Backes | *Trinity College Dublin*

Karsten Rode | *Trinity College Dublin*

Jonathan Coleman | *Trinity College Dublin*

Valeria Nicolosi | *Trinity College Dublin*

Aerospace and Mechanical Engineering

AV Room

14:50-16:20

Saturday, May 9

Session Chair: *Prof. Yern Chee Ching*

ICNSE-1264

Mechanical Properties of Polyvinyl Alcohol Reinforced with OPEFB Cellulose Prepared under Different Treatment Condition

Yern Chee Ching | *University of Malaya*

Ching Kuan Yong | *University of Southampton*

Cheng Hock Chuah | *University of Malaya*

Nai-Sha Ng Liou | *Southern Taiwan University*

ICNSE-1500

Numerical Study of Similarity Laws for the Cross Flow Fan

Yang-Cheng Shih | *National Taipei University of Technology*

Cheng-His Liu | *National Taipei University of Technology*

Jin-Da Lai | *National Taipei University of Technology*

Wei-Xiang Hsiao | *National Taipei University of Technology*

ICNSE-1305

An Experimental Study on the Aerodynamic Performance of Flexible Tandem Wings

Yingying Zheng | *Nanyang Technological University*

Yanhua Wu | *Nanyang Technological University*

ICNSE-1307

A Theoretical Analysis of Hydrogel Phase Change

Tao Wu | *Nanyang Technological University*

Hua Li | *Nanyang Technological University*

ICNSE-1439

Experimental Investigation of Twin Cylinder Diesel Engine Using Linseed Oil Blend with Ethanol

Dr. Hiregoudar Yerrennagoudaru1 | *Visvesvaroy Technological University*

Manjunatha Kondekal | *Visvesvaroy Technological University*

Chandragowda M | *Visvesvaroy Technological University*

ICNSE-1504

Effect of Inclined Angle of Combustion-air Port on the Gas Turbine

Bundit Krittacom | *Rajamangala University of Technology Isan*

Kitti Kaewchat | *Rajamangala University of Technology Isan*

Pathiwat Waramit | *Rajamangala University of Technology Isan*

Pipatana Amatachaya | *Rajamangala University of Technology Isan*

ICNSE-1493

Engine Mounting Configuration for Reduced Vibration in Vehicle Using the Analytical Approach

Thasin Suansaekaw | *Defense Technology Institute*

Chemical Sciences 6

Science Hall

14:50-16:20

Saturday, May 9

Session Chair: *Prof. Alaa A.-M. Abdel-Aziz*

ICCBES-578

Synthesis of Phthalimide Derivatives as Potential Cyclooxygenase-2 (COX-2) Inhibitors: Anti-Inflammatory and Analgesic Activities

Alaa A.-M. Abdel-Aziz | *King Saud University*

Amer M. Alanazi | *King Saud University*

Adel S. El-Azab | *King Saud University*

Ibrahim A. Al-Suwaidan | *King Saud University*

Kamal Eldin H. ElTahir | *King Saud University*

Yousif A. Asiri | *King Saud University*

ICCBES-598

Design, Synthesis and In-Vitro Antitumor Evaluation of Some Novel Substituted Quinazoline Derivatives

Alaa A.-M. Abdel-Aziz | *King Saud University*

Amer M. Alanazi | *King Saud University*

Adel S. El-Azab | *King Saud University*

Ibrahim A. Al-Suwaidan | *King Saud University*

ICCBES-608

Isolation, Structure Elucidation and Biological Evaluation of Acetylated Flavonoid Glycosides from *Centaureum Spicatum*

Abdelaaty A. Shahat | *King Saud University*

Mansour S. Alsaied | *King Saud University*

ICCBES-635

Synthesis of Protected Phenylalanine-Asparagine-Leucine and Its Ecdysteroid Binding Properties

Korakot Navakhun | *Ramkhamhaeng University*

Narongdech Khobsantia | *Ramkhamhaeng University*

ICCBES-670

Multivariate Analysis of Perfume Quality based on Fragrance Base Note Properties

Hasmerya Maarof | *Universiti Teknologi Malaysia*

Tengku Fazarina Tengku Ab Ghani | *Universiti Teknologi Malaysia*

Mohamed Noor Hasan | *Universiti Teknologi Malaysia*

ICCBES-861

Synthesis and Characterization of Iron Oxides Nanoparticles (FexOy) from Non-Reagent Iron Source

Zaiton Abdul Majid | *Universiti Teknologi Malaysia*

Mok Chun Fah | *Universiti Teknologi Malaysia*

Nursyafreena Attan | *Universiti Teknologi Malaysia*

Poster Session (1)– May 8

Management / Environmental Sciences / Engineering

Kyoto Research Park 4F

09:30-10:30

Friday, May 8

ICSSAM-1374

A DEA Approach for Equitable Allocation of Shared Cost and Common Revenue

Po-Pei Wu | *National Chin-Yi University of Technology*

Hung-Tso Lin | *National Chin-Yi University of Technology*

Hao-Ting Chiu | *National Chin-Yi University of Technology*

ICSSAM-1334

An Empirical Study for Application Quality Function Deployment Technique to Determinte the Service Demands

Shun-Hsing Chen | *Yu Da University of Science and Technology*

Chih-Ching Wu | *Yu Da University of Science and Technology*

King-Jang Yang | *Chung Hua University*

Ming-Che Chen | *Chung Yuan Christian University*

ICSSAM-1383

Roles of Goal Orientation and Promotability in Networking

Yin-Mei Huang | *Tunghai University*

Cheng En Lee | *Tunghai University*

ICSSAM-1393

A Study on Visitor's Satisfaction through Importance-Performance Analysis for Hot Spring Hotels in Jianshih Township

Chi Lo | *Chung Hua University*

Hsiu-Yuan Wang | *Chung Hua University*

ICSSAM-1407

The Relationship between Networking Behavior and Promotability: The Moderating Effect of Political Skill

Pei Ling Lee | *Tunghai University*

Yin-Mei Huang | *Tunghai University*

ICSSAM-1468

The Determinants of Mobile Communication Application Stickiness and Sticker Purchase Intention

Chiu-Ping Hsu | *Chung Hua University*

ICSSAM-1534

A Conceptual Model to Predict Consumers' Intention to Check in on Facebook

Hsiu-Yuan Wang | *Chung Hua University*

Chi Lo | *Chung Hua University*

Li-Hsin Wang | *Chung Hua University*

Yao-ling Chen | *Chung Hua University*

ICSSAM-1568

Factors Affecting the Subscription of Children Magazines

Shi-Wei Xu | *Wuhan University*

Yu-Kai Huang | *Nahuha University*

ICCBES-690

Reaction of Nonylphenol with Humic Acid in Sediment

S.W. Chang Chien | *Chaoyang University of Technology*

S.H. Chen | *Chinese Culture University*

P.R. Tsai | *Chaoyang University of Technology*

ICCBES-793

Toxic and Essential Elements in the Fruiting Bodies of Common Chanterelle (*Cantharellus Cibarius*) Determined by ICP-MS Method

Małgorzata Drewnowska | *Gdańsk University*

Maria Chudzińska | *Adam Mickiewicz University*

Danuta Barałkiewicz | *Adam Mickiewicz University*

Jerzy Falandysz | *Gdańsk University*

ICCBES-807

Land Use Changes and Structure Dynamics in Coastal Yunlin County, Taiwan Using Remote Sensing Techniques

S.H. Chen | *Chinese Culture University*

W.D.C. Gunasiri | *Chinese Culture University*

K.F.A. Lo | *Chinese Culture University*

T.M. Lee | *Chinese Culture University*

S.W. Chang Chien | *Chaoyang University of Technology*

ICCBES-884

Effects of NE Monsoon and Seasonality on the Distribution and Abundance of Calanus Sinicus in the Waters of Taiwan, Western North Pacific Ocean

Jiang-Shiou Hwang | *National Taiwan Ocean University*

Sami Souissi | *University of Sciences and Technologies of Lille*

Li-Chun Tseng | *National Taiwan Ocean University*

Juan Carlos Molinero | *GEOMAR Helmholtz Center for Ocean Research*

Qing-Chao Chen | *Academia Sinica*

Chong Kim Wong | *The Chinese University of Hong Kong*

ICEAI-713

Using Seven Types of GM (1, 1) Model to Predict the Total Times of Persons for Disaster Social Aid in Taiwan

Yi-Ti Tung | *Chung Shan Medical University*

Tzu-Yi Pai | *National Taichung University of Education*

Pei-Yu Wang | *National Taichung University of Education*

Li-Hua Shih | *National Taichung University of Education*

Yu-Ze Jiang | *National Taichung University of Education*

Lung-Yi Chan | *National Taichung University of Education*

Tien-Hsuan Lu | *National Taichung University of Education*

Pei-Yu Yang | *Chaoyang University of Technology*

ICCBES-634

Magnetite Modified with Amine Polymer to Adsorb Copper Ions in Aqueous Solution

Chyow-San Chiou | *National I-Lan University*

Ya-Fen Lin | *National I-Lan University*

Hua-Wei Chen | *St. Marys Junior College of Medicine*

ICCBES-658

Growth Evaluation of Fungi Isolated in the Sossego Copper Mine (Pará State, Brazil)

Luciana Jandelli Gimenes | *Universidade de São Paulo*

Bruno Karolski | *Universidade de São Paulo*

Elen Aquino Perpetuo | *Universidade de São Paulo*

Ellen Cristina Miranda Lacerda | *Universidade de São Paulo*

Claudio Augusto Oller do Nascimento | *Universidade de São Paulo*

Ingrid Regina Avanzi | *Universidade de São Paulo*

Louise Hase Gracioso | *Universidade de São Paulo*

Marcela dos Passos Galluzzi Baltazar | *Universidade de São Paulo*

Tatiana Alves dos Reis | *Universidade de São Paulo*

Benedito Correa | *Universidade de São Paulo*

ICCBES-708

Reclamation of Heavy Metals-Contaminated Soil Using Dissolved Organic Carbon Solution Prepared from Liquid Fertilizer of Food Waste Composting

Cheng-Chung Liu | *National Ilan University*

Chou-Chung Chan | *National Ilan University*

ICEAI-724

Hydrogen Sensing on Pt-loaded Titania Nanotube Arrays

Sou-Hui Hsiao | *National Cheng Kung University*

Fa Lin | *National Cheng Kung University*

Wei-Chun Wu | *National Cheng Kung University*

Wen-Chau Liu | *National Cheng Kung University*

Huey-Ing Chen | *National Cheng Kung University*

ICEAI-677

On a High-Power GaN-Based Light-Emitting Diode with a Nano-Hemispherical Hybrid Backside Reflector

Jian-Kai Liou | *National Cheng-Kung University*

Shiou-Ying Cheng | *National Ilan University*

Der-Feng Guo | *R.O.C.Air Force Academy*

Yi-Chun Chan | *National Cheng-Kung University*

Sheng-Yi Chen | *National Cheng-Kung University*

Wen-Chau Liu | *National Cheng-Kung University*

ICEAI-679

On an Ammonia Gas Sensor with a Porous ITO Thin Films Structure

Po-Cheng Chou | *National Cheng-Kung University*

Huey-Ing Chen | *National Cheng-Kung University*

Kun-Wei Lin | *Chaoyang University of Technology*

Wei-Yuan Jheng | *National Cheng-Kung University*

Jun-Jie He | *National Cheng-Kung University*

Yu-Jhih Jheng | *National Cheng-Kung University*

Chen-Yu Siao | *National Cheng-Kung University*

Wen-Chau Liu | *National Cheng-Kung University*

ICEAI-682

An Electrophoretic Deposition (EPD)-Gate Approach for a Heterostructure High Electron Mobility Transistor (HFET)

Chun-Chia Chen | *National Cheng-Kung University*

Huey-Ing Chen | *National Cheng-Kung University*

Shiou-Ying Cheng | *National Ilan University*

Chien-Hua Wang | *National Cheng-Kung University*

Kai-Chieh Chuang | *National Cheng-Kung University*

Wen-Chau Liu | *National Cheng-Kung University*

ICNSE-1326

New Design of High Concentration Reflected Photovoltaic Array Module

Cheng-Yi Hsu | *Chung Hua University*

Yuli Lin | *Chung Hua University*

ICNSE-1314

Homogeneity of Oil and Sugar Components of Flour Buckwheat Investigated by GC-MS System and Multivariate Analysis

Marijana Ačanski | *University of Novi Sad*

Kristian Pastor | *University of Novi Sad*

Radojka Razmovski | *University of Novi Sad*

Snežana Kravić | *University of Novi Sad*

Đorđe Psodorov | *University of Novi Sad*

Đura Vujić | *University of Novi Sad*

ICNSE-1315

Finite Element Simulations of Thermal Affected Zone for a Tapered Drill Bit based on a Bone Analog

Yung-Chuan Chen | *National Pingtung University of Science and Technology*

Li-Wen Chen | *National Pingtung University of Science and Technology*

Wei-Hua Lu | *National Pingtung University of Science and Technology*

Yao-Nan Wang | *National Pingtung University of Science and Technology*

Hsing-Hui Huang | *National Pingtung University of Science and Technology*

Jik-Chang Leong | *National Pingtung University of Science and Technology*

Ji-Sih Ciou | *National Pingtung University of Science and Technology*

ICNSE-1327

Evaluation of OGIP Estimation by Material Balance Equations for Water-Drive Dry-Gas Reservoirs

Chonlada Jungjaroensin | *Chulalongkorn University*

Suwat Athichanagorn | *Chulalongkorn University*

ICNSE-1434

The Research on the Influence between Splice Loss and Optical Fiber Link Construction

Chiu Chiao Chung | *Nai-Kai University of Technology*

ICNSE-1528

Discussion on the Bridge Inspection Quality Assurance of the Sampling Method

Shu-Ping Chang | *National Central University*

Jia-Wei Wu | *Chien Hsin University of Science and Technology*

Ting-Yu Lin | *Chien Hsin University of Science and Technology*

Ming-Chen Chen | *Chien Hsin University of Science and Technology*

Jyh-Dong Lin | *National Central University*

Poster Session (2)

Education / Psychology / Society / Culture /

Finance / Communication

Kyoto Research Park 4F

11:30-12:30

Friday, May 8

ICSSAM-1359

The Effectiveness of E-Learning Model by Using Health Management Platform for College Students with Metabolic Syndrome Risk Factors

Mei-Chen Su | *Chang Gung University of Science and Technology*

Lee-Ing Tsao | *National Taipei University of Nursing and Health Sciences*

ICSSAM-1343

An Evaluation of Emergency Medical Service Nursing Course of Kuakarun Faculty of Nursing, Navamindrathiraj University

Boontiva Soowit | *Navamindrathiraj University*

ICSSAM-1381

The Relationship of Attachment and Life Adaptation on the College Students with Disabilities

Ya-Ying Lee | *Chang Gung University*

Li-Ju Chen | *Chang Gung University*

ICSSAM-1394

Study of Hair and Makeup – A Case Study in Art Nouveau

Li hui Chu | *Cardinal Tien Junior College of Healthcare and Management*

ICSSAM-1462

Investigation and Analysis of Accessible Environment of Taiwan Public Spaces

Nai Chi Liang | *Chang Gung University*

Li Ju Chen | *Chang Gung University*

Chia Cheng Liang | *National University of Kaohsiung*

ICSSAM-1511

Mentoring Music Teachers: An Autoethnographic Duet

Karen V. Lee | *University of British Columbia*

ICSSAM-1562

Analyzing the Performance of Grammar Checker

Ya-Ling Wu | *National Chin-Yi University of Technology*

ISEPSS-2284

Physical Activity and Quality of Life among Brazilian University Students

Nara Rejane Cruz de Oliveira | *Federal University of São Paulo*

Tullio Pieroni Toledo | *Federal University of São Paulo*

Larissa Cavalcante | *Federal University of São Paulo*

Amanda Moretto Correa | *Federal University of São Paulo*

Ricardo da Costa Padovani | *Federal University of São Paulo*

ISEPSS-2300

An Action Research of the Workplace Learning Applied in the Automobile Practice Curriculum in the Comprehensive High School

Chun-Jen Huang | *National Dong Hwa University*

ISEPSS-2313

The Importance of Teacher Guide Seventh-Graders Learn Programming Through Code.Org of K-8 Online Course

Chia-Cheng Shih | *National Dong-Hwa University*

ISEPSS-2274

Application of “International Classification of Functioning, Disability and Health-Children and Youth Version” (ICF-CY) Model to a Developmentally Delayed Preschoolers to Individualized Education Program: A Case Study

Su-Fen Huang | *National Taitung University*

ISEPSS-2307

A Visit to Nepal: Reflection on Self-Narrative

Hsin-Yu Chen | *National Taitung University*

Sufen Huang | *National Taitung University*

ISEPSS-2306

The Effects on Spontaneous Speech Production and Peer Interaction from Children Who Have Autism Spectrum Disorders When Nursery Rhyme Singing is Involved

Chia-Yu Chou | *National Taitung University*

Sufen Huang | *National Taitung University*

ISEPSS-2302

The Implementation of Individualized Teaching Mathematics and Playing the Game of Go Has the Potential to Engage Students with the Mathematics

Wei Chih Liu | *National Dong Hwa University*

Chih-Hsiung Ku | *National Dong Hwa University*

ISEPSS-2289

New Ways in Teaching Undergraduate Linguistics Courses

Bin Li | *City University of Hong Kong*

Yingting Cui | *City University of Hong Kong*

Wenling Cao | *University of York*

ISEPSS-2263

The Human Resource Planning of the Eastern University of Management and Technology (UMT)

Pannathorn Chachvarat | *Boromrajchonnani College Nursing, Phayao Provice*

Smarnjit Piromruen | *The Eastern University of Management and Technology*

ISEPSS-2357

Learning Effect of Using Affective Tutoring System for Elementary School Fourth Grade Social Study

Hong-Ren Chen | *National Taichung University of Education*

Ling-Chun Liao | *National Taichung University of Education*

ISEPSS-2318

Vocabulary Learning Strategies of Taiwanese EFL Senior High School Students

Shuying Hsu | *Chienkuo Technology University*

ISEPSS-2290

An Exploration of English Learning Attitudes and Motivation between AFL and Non-AFL College Students

Mei Ling Lee | *Chienkuo Technology University*

ICSSAM-1367

Becoming Vegan: Pursuit of Individual Well-Being or Environmental Consciousness? Motivations, Difficulties, Social Network and Personal Evolution

Marielle Bruyninckx | *University of Mons*

Dimitri Cauchie | *University of Mons*

Anne-France Dinant | *University of Mons*

ICSSAM-1380

The Family-Centered Intervention Climate Perceived by Professions in Early Intervention

Pao-Wen Li | *Chang Gung University*

Lin-Ju Kang | *Chang Gung University*

Hsin-Yi Kathy Cheng | *Chang Gung University*

ICSSAM-1418

Gender Difference in Hip Fracture Effects on Mortality and Risk of Hospitalization for Older People in Taiwan -A Nationwide Population-Based Study

Sy-Jye Wei | *China Medical University*

Wen-Miin Liang | *China Medical University*

Jeff Chien-Fu Lin | *National Taipei University*

Chi Lo | *Chung Hua University*

Chi-Fung Cheng | *China Medical University*

ICSSAM-1476

Developmental Motor Screening Scale of Computerized Adaptive Test: A Simulation Study

Yi-Han Po | *Chang Gung University*

Chia-Ling Chen | *Chang Gung University*

Hsieh-Ching Chen | *National Taipei University of Technology*

ICSSAM-1478

Life Impacts and Symptom Distress among Women with Pelvic Organ Prolapse before Pelvic Reconstruction Surgery

I-Chen Ko | *Chang Gung Memorial Hospital, Linkou*

Lee-Ing Tsao | *National Taipei University of Nursing and Health Sciences*

ICSSAM-1459

Housing for Senior : The Practice and Development of Hong Kong

Ka Chui NG | *City University of Hong Kong*

ICSSAM-1395

Chora- The Fluid and Maternal Space

Susin Liu | *Tung-Fang Design Institute*

ICSSAM-1404

Reading the Dancing Aesthetics –From the Viewpoint of Herbert Marcuse’s Aesthetics Theory

Sin Yan Lu | *National Taiwan Normal University*

ICSSAM-1277

Exploring the Nature of Material Information: Disclosure and Its Implications

Ya-Fang Wang | *Providence University*

Hua-Wun Syu | *Providence University*

Yu-Ting Huang | *Chung Yuan Christian University*

ICSSAM-1376

Speech Functions and Participation Outcomes Were Associated with Manual Ability in Children with Cerebral Palsy

Yi-ching Huang | *Chang Gung University*

Chia-ling Chen | *Chang Gung University; Chang Gung Memorial Hospital, Linkou*

Katie PH Wu | *Chang Gung Memorial Hospital, Linkou*

Chih-Chien Tsai | *Chang Gung University*

Chia-ying Chung | *Chang Gung Memorial Hospital, Linkou*

Alice MK Wong | *Chang Gung Memorial Hospital, Linkou*

Poster Session (3)

Biological Sciences / Computer Science /

Information Engineering

Kyoto Research Park 4F

13:30-14:30

Friday, May 8

ICCBES-736

Involvement of the Cotton BIGPETAL1 Gene, GhBPE1, in Multiple Cotton Developmental Pathways

William Ho | *CSIRO Agriculture Flagship*

Ingrid Venables | *CSIRO Agriculture Flagship*

Sally Walford | *CSIRO Agriculture Flagship*

Liz Dennis | *CSIRO Agriculture Flagship*

Danny Llewellyn | *CSIRO Agriculture Flagship*

ICCBES-599

Generation and Characterization of Dengue Virus Neutralizing Single-Chain Antibody

Trai Ming Yeh | *National Cheng Kung University*

Cian-Dai Ciou | *National Cheng Kung University*

Yung Chun Chuang | *National Cheng Kung University*

ICCBES-612

Qualitative and Quantitative Analysis DNA of Strawberry Festival Kultivar (*Fragaria x Ananassa D.*) Polyploid Plant

Rini Nur'Azizah | *Gadjah Mada University*

Septi Mutia Handayani | *Gadjah Mada University*

Ganies Riza Aristya | *Gadjah Mada University*

ICCBES-625

Mechanisms of Al₂O₃ Nanoparticles Induced Oxidative Stress and Toxicity in HepG2 Cells

Saud Alarifi | *King Saud University*

Daoud Ali | *King Saud University*

ICCBES-626

Evaluation of DNA Damage and Apoptosis in Liver Tissue of Mice After Exposure to Silver Nanoparticles

Widad M. Al-Bishri | *King Abdulaziz University*

Saud A. Alarifi | *King Saud University*

ICCBES-636

Biogenic Amines Production during Ras Cheese Ripening

Amr Abd Elmoamen Amer | *Alexandria University*

ICCBES-637

Potential Application of the Staphylococcus Aureus DNA Mimic Protein SAUGI in Combating Human Viral Disease

Hao-Ching Wang | *Taipei Medical University*

Chun-Han Ho | *Academia Sinica*

Chia-Cheng Chou | *Academia Sinica*

Tzu-Ping Ko | *Academia Sinica*

Ming-Fen Huang | *Taipei Medical University*

Andrew H.-J. Wang | *Taipei Medical University*

ICCBES-647

Molecular Mimicry: Arn, an Antagonist of the Bacterial Histone-Like Protein H-NS by Its DNA Mimic Property

Chun-Han Ho | *National Taiwan University*

Hao-Ching Wang | *Taipei Medical University*

Tzu-Ping Ko | *Academia Sinica*

Yuan-Chih Chang | *Academia Sinica*

Andrew H.-J. Wang | *Academia Sinica*

ICCBES-648

Azidobupramine, a Novel Chemical Tool to Enlighten Antidepressants Mode of Action

Thomas Kirmeier | *Max Planck Institute of Psychiatry*

Svenja Nina Reinders | *Max Planck Institute of Psychiatry*

Ranganath Gopalakrishnan | *Max Planck Institute of Psychiatry; EPFL SB ISIC LPPT*

Vanessa Ganal | *Max Planck Institute of Psychiatry*

Anna M. Werner | *Max Planck Institute of Psychiatry*

Serena Cuboni | *Max Planck Institute of Psychiatry*

Georg C. Rudolf | *Technical University Munich; Bayer House*

Stephan A. Sieber | *Technical University Munich*

Florian Holsboer | *Max Planck Institute of Psychiatry*

Theo Rein | *Max Planck Institute of Psychiatry*

Felix Hausch | *Max Planck Institute of Psychiatry*

ICCBES-659

A Novel Acidic Preparation for Developing Decellularized Corneal Scaffolds

Hung-Jun Lin | *National Taiwan University*

Yi-You Huang | *National Taiwan University*

Der-Zen Liu | *Hsuan Chuang University*

Shen-Fu Lin | *Taipei Medical University*

Ping-Lun Jiang | *Taipei Medical University*

Ting-Wei Li | *Taipei Medical University*

Mei-Yin Chien | *Taipei Medical University*

ICCBES-664

Inhibitory Effect of Erinacines A on the Growth Of DLD-1 Colorectal Cancer Cells Is Induced by Generation of Reactive Oxygen Species and Activation of P70S6k and P21

Hsing-Chun Kuo | *Chang Gung University of Science and Technology*

Chien-Chang Lu | *Chang Gung Memorial Hospital-Kaohsiung Medical Center; Chang Gung University College of Medicine*

Wen-Shih Huang | *Chang Gung Memorial Hospital Chiayi; Chang Gung University, College of Medicine; National Chiayi University*

Cheng-Nan Chen | *Chang Gung Memorial Hospital-Kaohsiung Medical Center; Chang Gung University College of Medicine*

ICCBES-665

Upregulation of TLRs and IL-6 as a Marker in Human Colorectal Cancer

Chien-Chang Lu | *Chang Gung Memorial Hospital-Kaohsiung Medical Center; Chang Gung University College of Medicine*

Hsing-Chun Kuo | *Chang Gung University of Science and Technology*

ICCBES-678

Investigation of Estrogen-Related Receptor Gamma 2 Expressions in Brains, Livers, Gonads and Anal Fins of Thai Medaka (*Oryzias Minutillus*) Exposed to 17 α -Ethinylestradiol

Arin Ngamniyom | *Srinakharinwirot University*

Thayad Sriyapai | *Srinakharinwirot University*

Busaba Panyarachun | *Srinakharinwirot University*

ICCBES-683

Concentration-Enhanced Immunoassays Using Nanofractures Generated by the Self-Assembled Monolayer of Gold Nanoparticles Assisted Electric Breakdown

Chun-Ping Jen | *National Chung Cheng University*

Tsung-Hsiang Chiang | *National Chung Cheng University*

ICCBES-698

Phage Display Technique Identifies the Interaction of SARS Coronavirus ORF6 Protein with Nuclear Pore Complex Interacting Protein NPIP3 in Modulating Type I Interferon Antagonism

Cheng-Wen Lin | *China Medical University*

ICCBES-701

Mycobacterium Tuberculosis Induced CTGF Expression in Human Lung Fibroblasts Requires the JNK/AP-1 Pathway

Hong-Sheng Lee | *Taipei Medical University*

Bing-Chang Chen | *Taipei Medical University*

Hung-Sheng Hua | *Taipei Medical University*

Chien-Huang Lin | *Taipei Medical University*

ICCBES-711

Evaluation of Developmental and Teratogenic Defects of Ticlopidine in *Xenopus* Embryos and Human Endothelial Cells

Cho Won Kim | *Kyungpook National University*

You Kyung Kim | *Kyungpook National University*

Hyun-Shik Lee | *Kyungpook National University*

ICCBES-712

IFT46 is Crucial for Vertebrate Ciliogenesis

Byung-Duk Kim | *Kyungpook National University*

Soo-Ho Lee | *Kyungpook National University*

Hyun-Shik Lee | *Kyungpook National University*

Inji Park | *Kyungpook National University*

ICCBES-713

Histone Demethylase Kdm3a/Jmjd1a Regulates Craniofacial and Neural Development via Regulating Expression of Neural Specific Genes

Hyun-Kyung Lee | *Kyungpook National University*

Byungwoo Kang | *Kyungpook National University*

Changrae Jo | *Kyungpook National University*

Hyun-Shik Lee | *Kyungpook National University*

ICCBES-738

Diverse Targets of β -catenin during the Epithelial-Mesenchymal Transition Define Cancer Stem Cells and Predict Disease Relapse

Yi-Wen Chang | *National Tsing Hua University*

Ying-Jhen Su | *National Tsing Hua University*

Michael Hsiao | *Academia Sinica*

Kuo-Chen Wei | *Chang-Gung University College of Medicine and Memorial Hospital*

Wei-Hsin Lin | *National Taiwan University Hospital Hsin-Chu Branch*

Chi-Lung Liang | *National Tsing Hua University*

Shin-Cheh Chen | *Chang-Gung University College of Medicine and Memorial Hospital*

Jia-Lin Lee | *National Tsing Hua University*

ICCBES-864**Studies on the Serum Lipids Reducing Effects of Four Grain Sprouts Fermentation Liquid**

CHih Wei Chen | *Chung Chou University of Science and Technology*

Yu Chin Chai | *Chung Chou University of Science and Technology*

Dung Yuan Liao | *Chung Chou University of Science and Technology*

Shiu Yu Wang | *I-Shou University*

Yao Tung Lin | *Taipei Medical University*

Ming Ching Cheng | *Chung Chou University of Science and Technology*

ICCBES-776**Production of the Matrix Molecule CCN2-Derived Recombinant Protein Fragment: Targeting the Human Lung Carcinomas as a Small Anti-Cancer Protein Agent**

Shr-Jeng Jim Leu | *National Yang-Ming University*

Jung-Sung Sung | *Taipei City Hospital*

Hung-Yi Chang | *National Yang-Ming University*

Shiang-Yu Chang | *National Yang-Ming University*

Chun-Wei Chen | *National Yang-Ming University*

Chu-Jen Lin | *National Yang-Ming University*

ICCBES-803**Inhibition of the Phosphatidylinositide 3-Kinase Pathway in Human Breast Cancer Cells by a Withanolide from Golden Berry**

Chin-Chung Wu | *Kaohsiung Medical University*

Hao-Han Hu | *Kaohsiung Medical University*

Hui-Chun Wang | *Kaohsiung Medical University*

Yang-Chang Wu | *Kaohsiung Medical University*

ICEAI-712**On the Spanning 3*-connectivity of the Generalized Petersen Graphs $P(n, 3)$**

Shu-Hao Chang | *I-Shou University*

Yi-Chieh Shen | *Providence University*

Jeng-Jung Wang | *I-Shou University*

Lih-Hsing Hsu | *Providence University*

ICEAI-726

A New Visual Multi-Secrets Sharing Scheme by Adding Fragments

Justie Su-Tzu Juan | *National Chi Nan University*

Lu-Chung Chen | *National Chi Nan University*

Song Guo | *The University of Aizu*

ICEAI-695

Design Recovery in Relational Database Schemas

Pe-Te Chen | *China University of Technology*

Poster Session (4)

Natural Sciences / Chemical Sciences

Kyoto Research Park 4F

15:30-16:30

Friday, May 8

ICNSE-1337

Isolation and Characterization of the Lytic Phage SGH of Uropathogenic Escherichia Coli

Nien-Tsung Lin | *Tzu Chi University*

Syhy-Geng Huang | *Tzu Chi University*

ICNSE-1420

Characterization of the Acinetobacter Baumanni Glycoprotein A1S_3744

Chiou-Ying Yang | *National Chung Hsing University*

Zung Yang | *National Chung Hsing University*

Yueh-Chen Kung | *National Chung Hsing University*

ICNSE-1299

Antimicrobial Effect of Essential Oils of Some Algerian Plants Against Toxegenic E. Coli O157: H7

Chahid Benammar | *University of Tlemcen*

Noreddine Benyoub | *University of Tlemcen*

Barka.M.S | *University of Tlemcen*

ICNSE-1300

Optical Properties of Sol-Gel Derived ZnMgO Alloy Films

Chin-Hau Chia | *National University of Kaohsiung*

Sheng-Jie Tzou | *National University of Kaohsiung*

ICNSE-1345

Layer-by-layer Anchoring of Polyamidoamine Dendrimer and Reduced Graphene Oxide on Thiol-Modified Gold Electrode for Detection of Bisphenol A

Pi-Guey Su | *Chinese Culture University*

Shin-Feng Hsu | *Chinese Culture University*

Meng-Shian Tsai | *Chinese Culture University*

Yu-Te Lin | *Chinese Culture University*

ICNSE-1352

Effects of Different Irrigation Levels on Growth and Yield of Chinese Lizard Tail

Somyot Detpiratmongkol | *King Mongkut's Institute of Technology Ladkrabang*

Somanan Liphon | *King Mongkut's Institute of Technology Ladkrabang*

Sommart Yoosukyingsataporn | *King Mongkut's Institute of Technology Ladkrabang*

ICNSE-1358

Genistein Combined with L-Asparaginase Induced Cell Apoptosis in Acute Promyelocytic Leukemia HL-60 Cells

Yin-Chen Hsiao | *China Medical University*

Jing-Gung Chung | *China Medical University*

ICNSE-1359

The Effects of Anti-Metastasis Activity of Tetrandrine in Glioblastoma Multiforme (GBM 8401) Cells in Vitro

Yi-Wen Jiang | *China Medical University*

Jing-Gung Chung | *China Medical University*

ICNSE-1360

Casticin Induces Apoptosis via Regulated Caspase Activity and Cell Cycle Arrest in Human Oral Cancer SCC-4 Cells

Guan-Ling Chou | *China Medical University*

Jing-Gung Chung | *China Medical University*

ICNSE-1362

Apigenin Induce Cell Death of Mice Leukemia WEHI-3 Cells via Cell Cycle Arrest and Induce Apoptosis

Cheng-Yen Chen | *China Medical University*

Jing-Gung Chung | *China Medical University*

ICNSE-1363

Berberine induces Apoptosis via Increased ROS Level and Induced DNA Damage in B16F10 Melanoma Cell Line

Yu-Wen Chi | *China Medical University*

Jing-Gung Chung | *China Medical University*

Wen-Wen Huang | *China Medical University*

ICNSE-1365

Fisetin Induces Cell Death through the G0/G1 Phase Arrest and Caspase-3-Mediated Apoptosis in Mouse Leukemia WEHI-3 Cells

Yu-Hsiang Tsai | *China Medical University*

Jing-Gung Chung | *China Medical University*

ICNSE-1366

Bufalin Induces Cell Death in Human Nasopharyngeal Carcinoma NPC-TW 076 Cells in Vitro through Mitochondria-Dependent Pathway

En-Yun Su | *China Medical University*

Jing-Gung Chung | *China Medical University*

ICNSE-1367

Phenethyl Isothiocyanate and Benzyl Isothiocyanate Inhibited Tumor Migration and Invasion via Suppressing Multiple Signal Transduction Pathways in Murine Skin Cancer B16F10 Cells

Jing-Gung Chung | *China Medical University*

Mei-Due Yang | *China Medical University*

Yung-Ting Hsiao | *China Medical University*

Yi-Wen Jiang | *China Medical University*

ICNSE-1374

The Study of Crude Extract of Rheum Palmatum L Triggers Cell Death in U-2 OS Human Osteosarcoma Cells through the Caspase-Dependent and -Independent Pathways.

Chin-Chung Lin | *Feng-Yuan Hospital, Ministry of Health and Welfare*

Ming-Huei Lee | *Feng-Yuan Hospital, Ministry of Health and Welfare*

Jing-Gung Chung | *China Medical University*

ICNSE-1377

Fabrication and Application of Modified Coconut Oil as Alternative Antimicrobial in Antifungal Preparations

Sukannika Tubtimsri | *Silpakorn University*

Chutima Limmatvapirat | *Silpakorn University*

Sontaya Limmatvapirat | *Silpakorn University*

ICNSE-1386

Determination of Lauric Acid and Its Glycerides in Coconut oil and Modified Coconut Oil Using GC-FID

Juthaporn Ponphaiboon | *Silpakorn University*

Sirikarn Pengon | *Silpakorn University*

Amornrat Chaidedgumjorn | *Silpakorn University*

Sontaya Limmatvapirat | *Silpakorn University*

Chutima Limmatvapirat | *Silpakorn University*

ICNSE-1388

Project to Reducing Body Weight of the Patient in Psychiatric Day Care

Chiou-Yu Wu | *Kaohsiung Municipal Hsiao-Kang Hospital*

Wen-Hsiu Chiang | *Kaohsiung Municipal Hsiao-Kang Hospital*

Yu-En Sun | *Kaohsiung Municipal Hsiao-Kang Hospital*

ICNSE-1411

Influence of Chemical Ripener (Fusilade Super) Application on Growth and Yield of Sweet Sorghum

Sommart Yoosukyingsataporn | *King Mongkut's Institute of Technology Ladkrabang*

Somyot Detpiratmongkol | *King Mongkut's Institute of Technology Ladkrabang*

Tawachai Ubolkerd | *King Mongkut's Institute of Technology Ladkrabang*

ICNSE-1456

Prediction of Weaning Outcomes for Brain Injury Patients Using Mechanical Ventilator after Surgery

Hsueh-Yi Lu | *National Yunlin University of Science & Technology*

ICNSE-1471

Immunological Role of FoxO6 on Dendritic Cells Maturation

Mi Eun Kim | *Chosun University*

Jun Sik Lee | *Chosun University*

ICNSE-1473

Anti-inflammatory effect of *G. lanceolata* on LPS-induced macrophages activation

Mi Eun Kim | *Chosun University*

Jun Sik Lee | *Chosun University*

ICNSE-1536**Fermentation of Squid Pen as Food Colorants Absorbers**

San-Lang Wang | *Tamkang University*

Tzu-Wen Liang | *Tamkang University*

Chih-Ting Huang | *Tamkang University*

ICNSE-1412**Studies on the Production of Superoxide Dismutase from *Saccharomyces Cerevisiae***

Yi-Fang Hung | *Food Industry Research and Development Institute*

Wei-Chang Fu | *Food Industry Research and Development Institute*

Jinn-Tsyy Lai | *Food Industry Research and Development Institute*

ICNSE-1540**Gabapentin Activated A Novel Bi-Directional Neuromodulation Circuit between Dorsal Horn and Paraventricular Nucleus in Rat Model of Post-Surgical Pain**

Kazi Ahsan Jamil | *Universiti Teknologi MARA*

Noor Izzah Abd. Rahman | *Universiti Teknologi MARA*

ICNSE-1554**Semiconductor Nanowires for Biomimetic and Solar Energy Harvesting Applications**

Kijung Yong | *POSTECH*

Junghan Lee | *POSTECH*

Insung Hwang | *POSTECH*

Minki Choi | *POSTECH*

ICCBES-601**Thermal Stability and Surface Properties Cyanate Ester / Barium Metaborate Composites**

Memet Vezir Kahraman | *Marmara University*

Ferhat Şen | *Marmara University*

Ismail Ilkkan Şentürk | *Marmara University*

ICCBES-602**Preparation and Properties of Colemanite/Thermoplastic Polyurethane Composites**

Seyfullah Madakbaş | *Marmara University*

Betül Karadoğan | *Marmara University*

Memet Vezir Kahraman | *Marmara University*

Ferhat Şen | *Marmara University*

ICCBES-603

Polymeric Fluorescence Sensor for Bisphenol A

Soner Cubuk | *Marmara University*

Neşe TAŞÇI | *Marmara University*

Ece Kök Yetimoğlu | *Marmara University*

Memet Vezir Kahraman | *Marmara University*

ICCBES-606

Keratin Containing Nanofiber Scaffolds by Using Uv-Reactive Electrospinning

Duygu Yüksel Deniz | *Marmara University*

Memet Vezir Kahraman | *Marmara University*

Serap Erdem Kuruca | *Istanbul University*

Mediha Süleymanoglu | *Istanbul University*

ICCBES-687

UV Curable Urethane Acrylate/Phosphorylated Nano-Diamond Nanocomposites

Aslı Beyler Çiğil | *Marmara University*

Emrah Çakmakçı | *Marmara University*

Memet Vezir Kahraman | *Marmara University*

ICCBES-786

Dual-Curable Cyanate Ester/Boron Phosphate Composites

Ferhat Şen | *Marmara University*

Elif Merve Eminoğlu | *Marmara University*

Memet Vezir Kahraman | *Marmara University*

ICCBES-919

Theoretical Modelling of Copolymerization Reaction of Cellulose Units with Methyl Acrylate

Suzan Abdurrahmanoglu | *Marmara University*

Safiye S. Erdem | *Marmara University*

ICCBES-923

Synthesis and Characterization of Novel Pyridin Derivatives Co(II) Phthalocyanines

Şaziye Abdurrahmanoglu | *Marmara University*

Büşra Mızrak | *Marmara University*

Poster Session (5)- May 9

Biological Sciences

Kyoto Research Park 4F

09:30-10:30

Saturday, May 9

ICCBES-749

Tetracycline-regulated *Candida Albicans* Pho85p Expression in Responses of Environmental Changes

Wei-Chung Lai | *National Chung-Hsing University*

Hsiao-Fang Sun | *National Cheng Kung University*

Ho Lin | *National Chung-Hsing University*

Jia-Ching Shieh | *Chung Shan Medical University*

ICCBES-756

Suberoylanilide Hydroxamic Acid, a Histone Deacetylase Inhibitor, Attenuates Microglia Activation Following Peripheral Inflammation

Ya-Ping Chen | *Changhua Christian Hospital*

Hung-Ming Wu | *Changhua Christian Hospital*

ICCBES-758

Thrombin Induces Connective Tissue Growth Factor Expression via PI3K, AKT, and C/EBPB Pathway in Human Lung Fibroblasts

Hung-Sheng Hua | *Taipei Medical University*

Yi-Ting Huang | *Taipei Medical University*

Bing-Chang Chen | *Taipei Medical University*

Chien-Huang Lin | *Taipei Medical University*

ICCBES-772

Identification of Novel Genes Associated with High Litter Size from Pig Placenta

Seul Gi Kwon | *Gyeongnam National University*

Jeongim Ha | *Gyeongnam National University*

Jung Hye Hwang | *Gyeongnam National University*

Da Hye Park | *Gyeongnam National University*

Tae Wan Kim | *Gyeongnam National University*

Deok Gyeong Kang | *Gyeongnam National University*

Sam Woong Kim | *Gyeongnam National University*

Chul Wook Kim | *Gyeongnam National University*

ICCBES-778

Isolation, Characterization and Biocontrol of *Streptomyces* and Its Potential as Plant Growth Promoting Agents

Thayat Sriyapai | *Srinakharinwirot University*

Peechapack Somyoonsap | *Srinakharinwirot University*

Kittiya Sangpakdeea | *Srinakharinwirot University*

Arin Ngamniyom | *Srinakharinwirot University*

Kun Silprasit | *Srinakharinwirot University*

Wirongrong Duangjai | *Srinakharinwirot University*

ICCBES-779

Optimization of Polybutylene Succinate (PBS)-Degrading Enzyme Production from *Saccharothrix* sp. Strain APL5

Peechapack Somyoonsap | *Srinakharinwirot University*

Thayat Sriyapai | *Srinakharinwirot University*

Somjai Siripoke | *Srinakharinwirot University*

Kosum Chansiri | *Srinakharinwirot University*

ICCBES-782

Idarubicin Is a Broad-Spectrum Enterovirus Replication Inhibitor That Selectively Targets the Virus Internal Ribosomal Entry Site

Szu-Hao Kung | *National Yang-Ming University*

Hsin-Yu Hou | *National Yang-Ming University*

Cheng-Wen Lin | *China Medical University*

ICCBES-785

Macrophages from Diabetic Patients Induce E-Selectin Expression via CC Chemokine Receptors 3 and 5 in Endothelial Cells

Yu-Hua Chen | *National Chiayi University*

Wan Jung Li | *National Chiayi University*

Hsin-I Chang | *National Chiayi University*

Cheng-Nan Chen | *National Chiayi University*

ICCBES-801

Sentrin-Specific Protease 2 Substrate Recognition and Activity Regulation and Its Role in TGF-Beta Signaling

Che-Chang Chang | *Taipei Medical University*

Hsiu-Ming Shih | *Academia Sinica*

ICCBES-814

Cyclo(Phe-Pro) Induces DNA Damage Response and Cell Viability in INT-407 Cells

Ha Yan Jeong | *Sogang University*

Kwang Hyun Lee | *Sogang University*

Bong-Gun Ju | *Sogang University*

Kun-Soo Kim | *Sogang University*

ICCBES-819

Isolation and Screening Acid-Tolerant Microbes from Soil for Organic acids Production

Siao-Jhen Chen | *Food Industry and Development Institute*

Hsun-Yin Hsu | *Food Industry and Development Institute*

Wen-Bin Lin | *Food Industry and Development Institute*

Chiao-Ming Liao | *Food Industry and Development Institute*

Kai-Ping Chen | *Food Industry and Development Institute*

Yi-Jen Yech | *Food Industry and Development Institute*

Mei-Huei Chen | *Food Industry and Development Institute*

Yen-Lin Chen | *Food Industry and Development Institute*

ICCBES-820

Jmjd3 Histone H3K27 Demethylase Regulates Expression of Matrix Metalloproteinase Genes during Disruption of Blood Spinal Cord Barrier

Soon Ki Hong | *Sogang University*

Wonho Na | *Sogang University*

Jee Youn Lee | *Sogang University*

Tae Young Yune | *Sogang University*

Bong-Gun Ju | *Sogang University*

ICCBES-821

Screening and Evaluating of Carboxylic Acid Production from Microorganism for Bulk Chemicals Applications

Hsun-Yin Hsu | *Food Industry and Development Institute*

Siao-Jhen Chen | *Food Industry and Development Institute*

Wen-Bin Lin | *Food Industry and Development Institute*

Chiao-Ming Liao | *Food Industry and Development Institute*

Kai-Ping Chen | *Food Industry and Development Institute*

Yi-Jen Yech | *Food Industry and Development Institute*

Mei-Huei Chen | *Food Industry and Development Institute*

Yen-Lin Chen | *Food Industry and Development Institute*

ICCBES-825

Salinity Effects on Na⁺:K⁺ Ratios in Local Thai Rice *Oryza Sativa* L.

Nattaya Tantiprom | *Chulalongkorn University*

Noppakhun Khunpolwatana | *Chulalongkorn University*

Apichat Imyim | *Chulalongkorn University*

Teerapong Buaboocha | *Chulalongkorn University*

Monnat Pongpanich | *Chulalongkorn University*

Supachitra Chadchawan | *Chulalongkorn University*

ICCBES-837

Involvement of Casein Kinase 2 and P300 in Endothelin-1-Induced Connective Tissue Growth Factor Expression in Human Lung Fibroblasts

Chien-Huang Lin | *Taipei Medical University*

Chi Lo | *Taipei Medical University*

Hong-Sheng Lee | *Taipei Medical University*

Bing-Chang Chen | *Taipei Medical University*

ICCBES-853

Isolation of an AGAMOUS Homolog from *Cycas*

Pattamon Sangin | *Naresuan University*

Akira Kanno | *Tohoku University*

Shosei Kubota | *The University of Tokyo*

ICCBES-880

Synthesis and Anti-Cancer Evaluation of Enantiopure Gold(I) Diphosphine Complexes

Bin-Bin Li | *Nanyang Technological University*

Pak-Hing Leung | *Nanyang Technological University*

ICCBES-882

Inhibition of RNA Transportation Induces Glioma Cell Apoptosis via Downregulation of RanGAP1 Expression

Tsung-Yao Lin | *Taipei Medical University*

Chwen-Ming Shih | *Taipei Medical University*

ICCBES-886

Targeting Carcinoembryonic Antigen-Related Cell Adhesion Molecule 6 (CEACAM6) Suppresses Oral Squamous Cell Carcinoma Invasion by Modulating Cytoskeleton Reorganization

Wei-Fan Chiang | *Chi-Mei Medical Center*

Wan-Lin Tsui | *Taipei Medical University*

Ming-Heng Wu | *Taipei Medical University*

ICCBES-901

Regulation of Hepcidin Expression by Erythroblast Conditioned Media

Janejira Jaratsittisin | *Mahidol University*

Wannapa Sornjai | *Mahidol University*

Kornpat Khungwanmaythawee | *Mahidol University*

Saovaros Svasti | *Mahidol University*

Suthat Fucharoen | *Mahidol University*

Sittiruk Roytrakul | *National Center for Genetic Engineering and Biotechnology*

Duncan R. Smith | *Mahidol University*

ICCBES-902

The Expression of Ferroportin in Beta-Thalassemia/HbE Erythroblasts

Wannapa Sornjai | *Mahidol University*

Janejira Jaratsittisin | *Mahidol University*

Kornpat Khungwanmaythawee | *Mahidol University*

Saovaros Svasti | *Mahidol University*

Suthat Fucharoen | *Mahidol University*

Duncan R. Smith | *Mahidol University*

ICCBES-904

Environmental Stress Response Modulated by Coordination of Subdomain Methylation and Phosphorylation in Sensor Kinase RsbK of *Bacillus Cereus*

Jung-Chi Chen | *National Kaohsiung Normal University*

Chien-Cheng Chen | *National Kaohsiung Normal University*

Poster Session (6)

Electrical Engineering / Environmental Sciences /

Engineering

Kyoto Research Park 4F

11:30-12:30

Saturday, May 9

ICEAI-671

New Configuration for Realizing Universal Voltage-Mode Universal Filter with Two Inputs and Four Outputs Employing Two Differential Difference Current Conveyors

Hua-Pin Chen | *Ming Chi University of Technology*

Wei-Yen Huang | *Ming Chi University of Technology*

ICEAI-672

Tunable Versatile Current-Mode Universal Biquadratic Filter Using Dual-Output Current Conveyors and All-Grounded Passive Components

Hua-Pin Chen | *Ming Chi University of Technology*

Wei-Yen Huang | *Ming Chi University of Technology*

Chin-Cheng Lin | *Ming Chi University of Technology*

ICEAI-673

Electronically Tunable Voltage-Mode Quadrature Oscillator Using Single Differential Difference Current Conveyor Transconductance Amplifier

Hua-Pin Chen | *Ming Chi University of Technology*

Chin-Cheng Lin | *Ming Chi University of Technology*

Chi-Hung Wu | *Ming Chi University of Technology*

ICEAI-689

Real-Time Inspection of Degradation of Solar Cells Using Optical Coherence Tomography

Chia-Chu Wang | *Chang Gung University*
Feng-Yu Chang | *Chang Gung University*
Bo-Huei Huang | *Chang Gung University*
Yan-Jyun Hu | *Chang Gung University*
Chun-Chieh Wang | *Chang Gung University*
Tzu-Hao Hsiung | *Chang Gung University*
Meng-Tsan Tsai | *Chang Gung University*
Liguo Wu | *Taiwan Solar Energy Corporation*

ICEAI-711

Study on Microneedles-Assisted Drug Delivery in Skin with Optical Coherence Tomography

Yu-Chuan Chiu | *Chang Gung University*
Zhung-Fu Lee | *Chang Gung University*
Feng-Yu Chang | *Chang Gung University*
Ting-Yen Tsai | *Chang Gung University*
I-Chi Lee | *Chang Gung University*
Chun-Chieh Wang | *Chang Gung University*
Jiann-Der Lee | *Chang Gung University*
Meng-Tsan Tsai | *Chang Gung University*

ICEAI-725

Sample and Hold Circuit for Average Current Mode Control

Yang-Lin Chen | *National Taiwan University*
Yaow-Ming Chen | *National Taiwan University*

ICEAI-771

Directional Bending Sensor Based on a Flat-Clad Fiber Mach–Zehnder Interferometer

Kai-Wen Liu | *National United University*
Cheng-Ling Lee | *National United University*

ICCBES-714

The Information Collection of Migratory Bird Poaching by SNS in China

Keji Sun | *Keio University*

Tomohiro Ichinose | *Keio University*

Hiroyoshi Higuchi | *Keio University*

ICCBES-726

Development of Root Buds in *Menyanthes Trifoliata* L.

Jinok Heo | *Seoul National University*

Jae Geun Kim | *Seoul National University*

ICCBES-727

Effects of Planting in Constructed Wetlands on Initial Process of Vegetational Change

Ho Choi | *Seoul National University*

Bo Eun Nam | *Seoul National University*

Jae Geun Kim | *Seoul National University*

Yeon Jae Bae | *Korea University*

ICCBES-728

Potential of Herb Species in Removal of PCDD/Fs from the Contaminated Soil

Yu-Ming Wu | *Cheng-Shiu University*

Shan-Mei Chen | *Cheng-Shiu University*

Lei Yang | *National Sun Yat-sen University*

ICCBES-767

Photocatalytic Reduction of CO² by Ag Doped-TNTs in MEA Solution

Hung-Yu Wu | *National Chiao Tung University*

Jeffrey C.S. Wu | *National Taiwan University*

Hsunling Bai | *National Chiao Tung University*

ICCBES-850

Late Holocene Paleoenvironmental Reconstructions of Central Eastern Coast, Korea

Rhak Yeon Choi | *Seoul National University*

Jae Geun Kim | *Seoul National University*

ICCBES-877

Determination of VOCs in Environmental Samples by Purge and Trap-Gas Chromatography Mass Spectrometry

Apinya Navakhun | *Burapha University*

Anurak Chankaew | *Burapha University*

Chartchai Malaphong | *Burapha University*

ICCBES-898

Two Types of ¹³⁷Cs Vertical Distribution in the Bottom Sediments the Kara Sea Marginal Filter

A. Yu. Miroshnikov | *Russian Academy of Sciences*

ICNSE-1344

Mechanical Properties and Thermal Stability of Ultrathin Germanium Nanowires

Ken-Huang Lin | *National Sun Yat-sen University*

Shin-Pon Ju | *National Sun Yat-sen University & Kaohsiung Medical University*

Jui-min Lai | *National Sun Yat-sen University*

ICNSE-1354

Age Estimation on Facial Images

Hsiao Wei Chang | *China University of Science Technology*

Yue Sheng Li | *Tamkang University*

Hwei Jen Lin | *Tamkang University*

ICNSE-1361

Physical and Electrical Characterizations of Bacterial Cells with Nanowire Arrays

Hyun-Ha Park | *Ulsan National Institute of Science and Technology (UNIST)*

Hoon Yi | *Ulsan National Institute of Science and Technology (UNIST)*

Hangil Ko | *Ulsan National Institute of Science and Technology (UNIST)*

Minho Sung | *Ulsan National Institute of Science and Technology (UNIST)*

HoonEui Jeong | *Ulsan National Institute of Science and Technology (UNIST)*

ICNSE-1373

Recycling of Cement-Stabilized MSWI Fly Ash in Concrete Brick

Yi-Chieh Lai | *Cheng Shiu University*

Guo-Ping Chang-Chien | *Cheng Shiu University*

Ying-Liang Chen | *National Cheng Kung University*

Ming-Sheng Ko | *National Taipei University of Technology*

ICNSE-1379

LED Lighting Integrated with Colloidal Quantum Dots Enhanced Panel (QDEP) for High Color Rendering

Min-Sang Lee | *Ecolomy Co.,Ltd.*

Bheong-Hwa Moon | *DSM Co.,Ltd.*

Young-Ki Lee | *Uiduk University*

ICNSE-1380

Study on the Development of Virtual Deformation and Strain Gauge Using the Digital Image Correlation Methods

Kyung Min Hong | *Chonbuk National University*

Young June Kang | *Chonbuk National University*

In Young Choi | *Chonbuk National University*

Seong Jong Kim | *Chonbuk National University*

ICNSE-1391

Changes in Pore Size Distribution with Varying Number of Impregnations in Bulk Graphite Manufacturing

Sang-Min Lee | *Kumoh National Institute of Technology*

Dong-Su Kang | *Kumoh National Institute of Technology Carbolab co., Ltd.*

Woo-Suk Kim | *Carbolab co., Ltd.*

Jae-Seung Roh | *Kumoh National Institute of Technology*

Young-Min Hwang | *Kumoh National Institute of Technology*

ICNSE-1392

Crystalline Change of Carbon Black as a Function of the Heat Treatment Temperature

Seong-Moon Oh | *Kumoh National Institute of Technology*

Dong-Su Kang | *Kumoh National Institute of Technology*

Jong-Bok Kim | *Kumoh National Institute of Technology*

Suk-Hwan Kim | *Kumoh National Institute of Technology*

Jae-Seung Roh | *Kumoh National Institute of Technology*

ICNSE-1393

Flexural Strength of a Joined Graphite Block with Phenol Resin

Un-Gyeong Baek | *Kumoh National Institute of Technology*

Dong-Su Kang | *Kumoh National Institute of Technology*

Sang-Min Lee | *Kumoh National Institute of Technology*

Sang-Woo Lee | *Kumoh National Institute of Technology*

Jae-Seung Roh | *Kumoh National Institute of Technology*

Poster Session (7)

Engineering / Industrial Engineering

Kyoto Research Park 4F

13:30-14:30

Saturday, May 9

ICNSE-1394

Shape and Composition Analysis of Carbon Black Recycled from Waste Tires

Dong-Su Kang | *Kumoh National Institute of Technology*

Sang-Min Lee | *Kumoh National Institute of Technology*

Seong-Moon Oh | *Kumoh National Institute of Technology*

Jae-Seung Roh | *Kumoh National Institute of Technology*

ICNSE-1396

Energy Band Gap Determination from Diffuse Reflectance Measurements of Synthesized Titanium Dioxide Nanotube Arrays Using the Anodisation Process

Waramon Langlar | *Srinakharinwirot University*

Areeya Aeimbhu | *Srinakharinwirot University*

ICNSE-1398

Exploring the Percentage of Suspected Femoroacetabular Impingement Patients by Radiographic Analysis in a Regional Hospital of Central Taiwan

Jian-Horng Chen | *Chung Shan Medical University*

Kai-Ling Chang | *Taichung Hospital, Ministry of Health and Welfare*

Chung-Liang Lai | *Taichung Hospital, Ministry of Health and Welfare*

ICNSE-1402

Reduction of Noise for Ceiling Fan

Jong-Chin Hwang | *National Taiwan University of Science and Technology*

Chuan-Sheng Liu | *National Formosa University*

L. R. Chen | *National Changhua University of Education*

Chao-Ming Wu | *National Formosa University*

ICNSE-1413

Development of Audio Enhancement Algorithm in Reverberant Environments

Shyang-Jye Chang | *National Yunlin University of Science and Technology*

Hung-Wei Hsieh | *National Yunlin University of Science and Technology*

ICNSE-1425

Real Time Interferometric Measurement of Surface Profile by Using Liquid Crystal Birefringent Devices

Kuo-Chen Lang | *Nan-Kai University of Technology*

Hui-Kang Teng | *Nan-Kai University of Technology*

Zu-Jia Li | *Nan-Kai University of Technology*

ICNSE-1427

Real Time Ellipsometric Measurement with Common Path Heterodyne Interferometer

Hui-Kang Teng | *Nan-Kai University of Technology*

Kuo-Chen Lang | *Nan-Kai University of Technology*

ICNSE-1429

High Performance Ionic Liquid Based PVDF-CTFE Actuators with Corrugate Surfaces

Jun-Hong Lin | *National Kaohsiung University of Applied Sciences*

Mine-Tse Lee | *National Kaohsiung University of Applied Sciences*

ICNSE-1437

Kinetic Model for Enzymatic Hydrolysis of Lignocellulosic Biomass in the Heterogeneous System

Chun-Yao Yang | *National Chung Hsing University*

Tony J. Fang | *National Chung Hsing University*

ICNSE-1478

Polydopamine-Induced Carbon Nanowire Arrays for Stretchable Wire-type Supercapacitors

Wonoh Lee | *Korea Institute of Materials Science*

Youngseok Oh | *Korea Institute of Materials Science*

ICNSE-1547

A Study on Ventilation Efficiency of Horizontal Laminar Flow

Yulieh Wu | *National Chin-Yi University of Technology*

Chiamin Chu | *National Chin-Yi University of Technology*

ICNSE-1492

Enhanced Performance of Branched TiO₂ Nanorod Based MnCdS/MnCdSe Quantum Dot-Sensitized Solar Cell

Soo-Kyoung Kim | *Pusan National University*

Hee-Je Kim | *Pusan National University*

ICNSE-1519

Competitiveness of India's Software Industry: A Macro Level Analysis

Prashant Vithal Kadam | *Goa University*

ICNSE-1375

Performance Analysis of Multi-Level Tamper Detection and Recovery with Tamper Type Identification

Chao-Ming Wu | *National Formosa University*

ICNSE-1336

Green Synthesis of n-Octyl Salicylate by Solid-Liquid Phase-Transfer Catalysis with Ionic Liquid under Ultrasound

Hung-Ming Yang | *National Chung Hsing University*

Chi-Yuan Tu | *National Chung Hsing University*

ICEAI-659

Develop a Frontier Based Fuzzy Multi-Objective Genetic Algorithm for Flow Shop Scheduling Problems with Fuzzy Due Date

Chen-Hao Liu | *Kai-Nan University*

Yen-Wen Wang | *Chien-Hsin University of Science and Technology*

ICEAI-697

Development of a Reverse Batch Micro W-EDM Technique with High-Frequency Vibration Assisted Machining

Shun-Tong Chen | *National Taiwan Normal University*

Chi-Yu Hung | *National Taiwan Normal University*

ICEAI-699

Development of a Micro Diamond Tool by Using the Laboratory-Designed High-Precision CNC Machine Tool

Shun-Tong Chen | *National Taiwan Normal University*

Sheng-Yu Shih | *National Taiwan Normal University*

ICEAI-702**Development of a High-Speed Reciprocating Feeding Device with Mechanically Driven**

Shun-Tong Chen | *National Taiwan Normal University*

Yung-Hung Tung | *National Taiwan Normal University*

ICEAI-703**The Effects of Replacement Time and Preventive Maintenance Policy for Device Replacement within Usage Time**

Wen Liang Chang | *Cardinal Tien Junior College of Healthcare & Management*

ICEAI-785**Development of a Novel RC Relaxation Circuit for Micro W-EDM**

Shun-Tong Chen | *National Taiwan Normal University*

Chi-Hung Chen | *National Taiwan Normal University*

ICEAI-783**Development of a High-Speed Dual-Spindle Grinding Machine for Speedy Grinding LED Probe Made of Tungsten Carbide**

Chia-Hao Lien | *National Taiwan Normal University*

Shun-Tong Chen | *National Taiwan Normal University*

Poster Session (8)

Chemical Sciences

Kyoto Research Park 4F

15:30-16:30

Saturday, May 9

ICCBES-629

Polymeric Hard-Coat Material Comprising Well-Distributed Silica Nanoparticles in Acrylic Matrix

Raymond C. Tsiang | *National Chung Cheng University*

You-Ming Wang | *National Chung Cheng University*

Yu-Chieh Yen | *National Chung Cheng University*

Jia-Rong Zou | *National Chung Cheng University*

Tsai-Ting Hsu | *National Chung Cheng University*

ICCBES-674

Cellulose Nanocrystal Nanocomposites for Polyurethane Elastomer

Nam-Kyun Kim | *Korea Research Institute of Chemical Technology*

Sangjun Lee | *Korea Research Institute of Chemical Technology*

Young-Wun Kim | *Korea Research Institute of Chemical Technology*

Kunwoo Chung | *Korea Research Institute of Chemical Technology*

Jihoon Shin | *Korea Research Institute of Chemical Technology*

ICCBES-680

DNA-Mediated Charge Transport in Hydrated Ionic Liquids

Shuguang Xuan | *Nanyang Technological University*

Fangwei Shao | *Nanyang Technological University*

ICCBES-702

Improved Carrier Particle Stability with Controlled Surface Roughness for Dry Powder Inhalation

Raymond Lau | *Nanyang Technological University*

Fengying Zhang | *Nanyang Technological University*

ICCBES-722

A New Macrocyclic Lactone as a Potent Inhibitor of *Candida Albicans* Isocitrate Lyase from a Marine Actinomycete *Streptomyces* sp. CNQ343

Heegyu Kim | *Seoul National University*

Kyoho Moon | *Seoul National University*

So-Hyoung Lee | *Seoul National University*

Jongheon Shin | *Seoul National University*

Dong-Chan Oh | *Seoul National University*

Ki-Bong Oh | *Seoul National University*

ICCBES-723

Isolation and Biological Activity of Alkaloidal Metabolites from Marine- Derived *Aspergillus* sp. Fungus

Beom Koo Chung | *Seoul National University*

Lijuan Liao | *Seoul National University*

Minjung You | *Seoul National University*

Dong-Chan Oh | *Seoul National University*

Jongheon Shin | *Seoul National University*

Ki-Bong Oh | *Seoul National University*

ICCBES-734

Suvanine Sesquiterpenes, Potent Inhibitors of Isocitrate Lyase in the Glyoxylate Cycle, from a Tropical Sponge *Coscinodera* sp.

Chan Hong Ahn | *Seoul National University*

Tae Hyung Won | *Seoul National University*

So-Hyoung Lee | *Seoul National University*

Heegyu Kim | *Seoul National University*

Jongheon Shin | *Seoul National University*

Ki-Bong Oh | *Seoul National University*

ICCBES-829

Large Pore Silica Modified With 3-Mercaptopropyltrimethoxysilane for Adsorption of Silver Nanoparticles and Silver Ions

Uma Pongkitdachoti | *Chulalongkorn University*

Fuangfa Unob | *Chulalongkorn University*

ICCBES-831

Novel Effective Co-surfactant Mediated Self-Assembled Nanoparticles (Gd³⁺/SDS/HEPES) Enable Enhanced Stability of Curcumin for Friendly Clinical Applications

Boosayarat Tomapatanaget | *Chulalongkorn University*

Chonticha Sahub | *Chulalongkorn University*

ICCBES-840

Effects of Inorganic Salts on the Morphologies of the Sodium Dodecyl Sulfate Films

Maw-Tien Lee | *National Chiayi University*

Zih-Yao Shen | *National Chiayi University*

ICCBES-846

Supercritical Carbon Dioxide Extraction of Fragrance Ingredients in Ylang-Ylang *Cananga Odorata*

Masafumi Yoshida | *Tokyo City University*

Miho Matsuhashi | *Tokyo City University*

Kinuko Niihara | *Tokyo City University*

Shio Murakami | *Tokyo City University*

Surendra Prasad | *Tokyo City University*

ICCBES-862

The Reduction of the Metal Nitrates by Ethyleneglycole and Glycerine in Hydrothermal Conditions.

Bahattin Yalcin | *Marmara University*

Perizat Fatullayeva | *Marmara University*

Sabira Agayeva | *Marmara University*

Mirheydar Abbasov | *Marmara University*

Sevil Jafarova | *Marmara University*

Ajdar Akbar Medjidov | *Marmara University*

ICCBES-894

Photophysical Properties of D- π -A- π -D Derivatives for Small Molecular Organic Photovoltaic (SM-OPV) Solar Cells : A DFT and TD-DFT Investigation

Bo-Cheng Wang | *TamKang University*

Chin-Kuen Tai | *TamKang University*

Wen-Hua Cheng | *TamKang University*

Ke-Hao Chang | *TamKang University*

ICCBES-895

Synthesis and Biological Evaluation of Benzocoumarin Derivatives as Human Monoamine Oxidase A and B Inhibitors

Ozkan Danis | *Marmara University*

Basak Yuce-Dursun | *Marmara University*

Serap Demir | *Marmara University*

Mustafa Muhlis Alparslan | *Cukurova University*

Ayse Ogan | *Marmara University*

ICCBES-896

Synthesis, Characterization and Investigation of Their DNA-Binding Properties of Novel Phthalocyanines

Basak Yuce-Dursun | *Marmara University*

Ali Sadi Basak | *Marmara University*

Ozkan Danis | *Marmara University*

Soner Cubuk | *Marmara University*

Gamze Cakirca | *Marmara University*

ICCBES-909

Gas-Phase Synthesis of Functional Nanoparticles for Biomedical and Energy Applications

Chao-Shun Lai | *National Tsing Hua University*

Jui-Ting Tai | *National Tsing Hua University*

Hsiao-Fang Wang | *National Tsing Hua University*

Rong-Ming Ho | *National Tsing Hua University*

De-Hao Tsai | *National Tsing Hua University*

ICCBES-958

Stereoelectronic and Catalytic Properties of Chiral Cyclometalated Phospha-Palladium and –Platinum Complexes

Yu-Xiang Jia | *Nanyang Technological University*

Pak-Hing Leung | *Nanyang Technological University*

Free Kimono Experience

(provided by Higher Education Forum/WABIKAE)

10 Minutes per person

Date: May 8, 2015

Time: 11:00-12:30/ 13:30-17:00

*On-site sign up at the WABIKAE counter



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

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

* You can wear WABIKAE Kimono over your clothes

