

Conference Program

Okinawa, Japan

July, 2015

APICENS

Asia-Pacific International Congress on Engineering & Natural Sciences

ISCEAS

International Scientific Conference on Engineering and Applied Sciences

IACSSM

International Academic Conference on Social Sciences and Management

ICEPS

International Conference on Education, Psychology and Society

APICENS

Asia-Pacific International Congress on Engineering & Natural Sciences

ISBN: 978-986-89298-2-1

ISCEAS

International Scientific Conference on Engineering and Applied Sciences

ISBN: 978-986-89844-9-3

IACSSM

International Academic Conference on Social Sciences and Management

ISBN: 978-986-5654-23-8

ICEPS

International Conference on Education, Psychology and Society

ISBN: 978-986-5654-26-9

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General Information for Conference Participants

Information and Registration

The Registration and Information Desk will be situated in the **Loisir Hotel Naha** on the **3rd floor**, and will be open at the following times:

Wednesday, July 29(12:30-18:00)

Thursday, July 30 (8:30-18:00)

Friday, July 31 (8:30-18:00)

Parallel Sessions

Parallel Sessions will run on July 29th July 30th and 31st

Oral Sessions are usually 90 minutes in length; each presenter has 12-15 minutes.

Presentations and Equipment

All presentation rooms are equipped with a screen, an LCD projector, and a laptop computer installed with Microsoft PowerPoint. You will be able to insert your USB flash drive into the computer and double check your file in PowerPoint. We recommend that you bring two copies the file in case of one fails. You may also link your own laptop to the provided projector, however 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 and summarize clarify key important issues in each topic



Sandals or Slippers



Tank Top



Shorts

Poster Sessions & Poster Requirements

Materials Provided by the Conference Organizer:

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



Materials Prepared by the Presenters:

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

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

Conference Venue Information

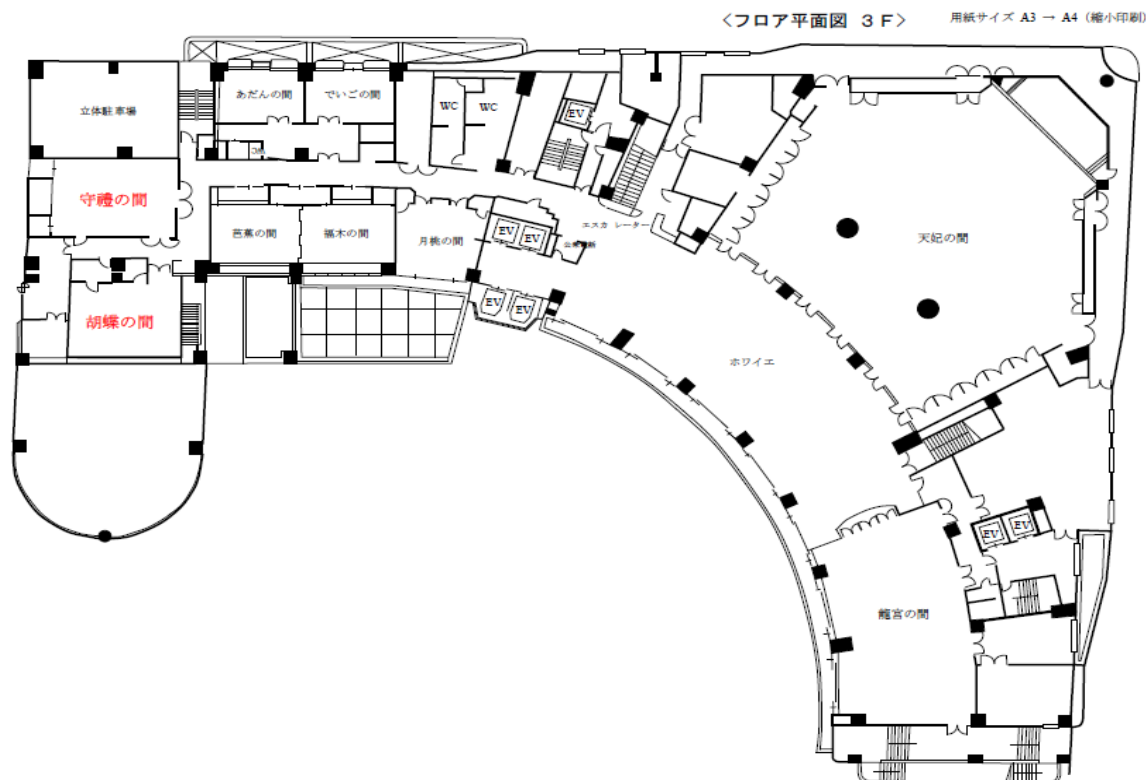
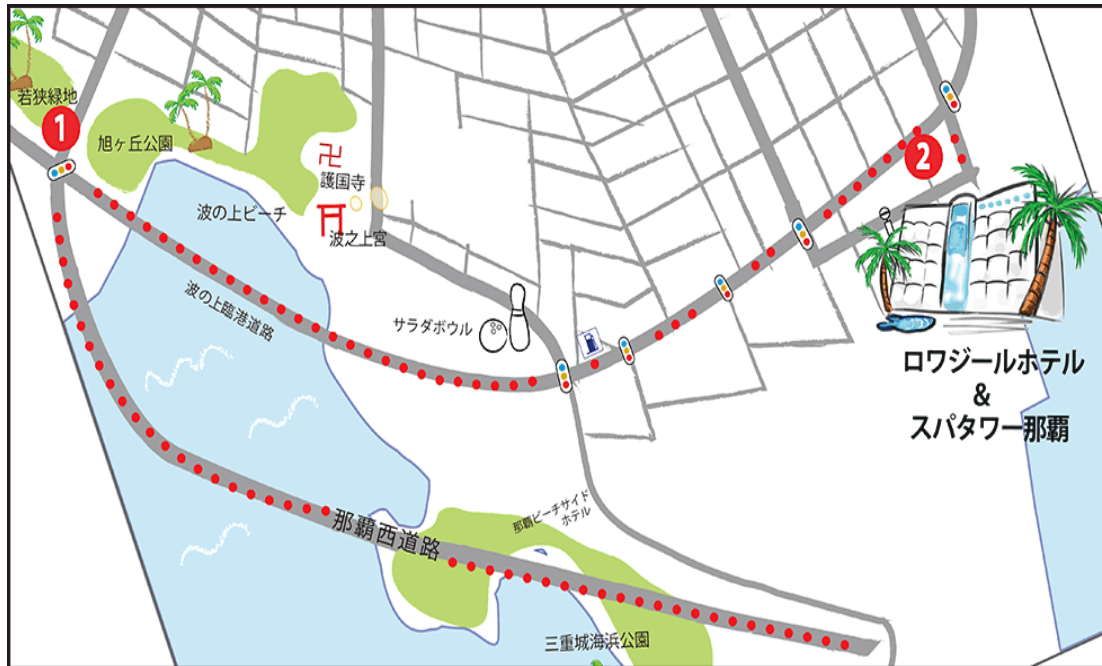
Loisir Hotel Naha

ロワジュールホテル 那覇

www.loisir-naha.com

〒900-0036 沖縄県那覇市西 3-2-1

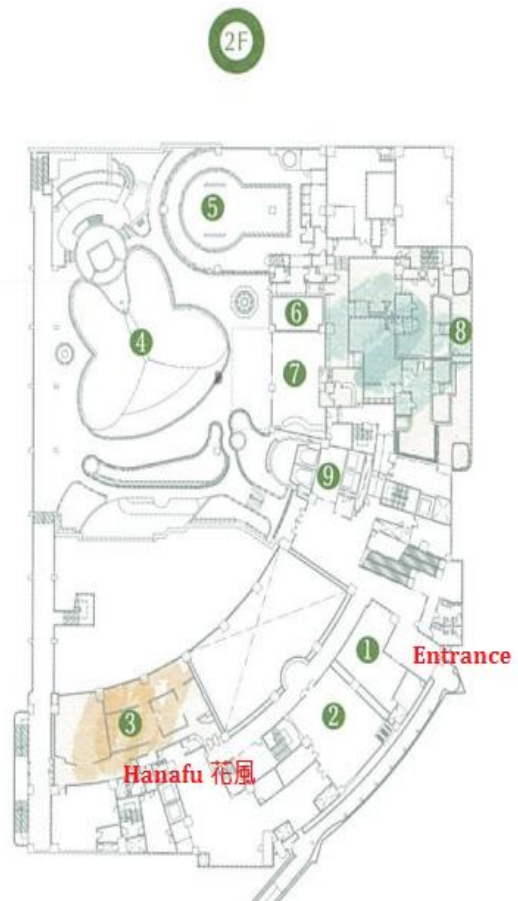
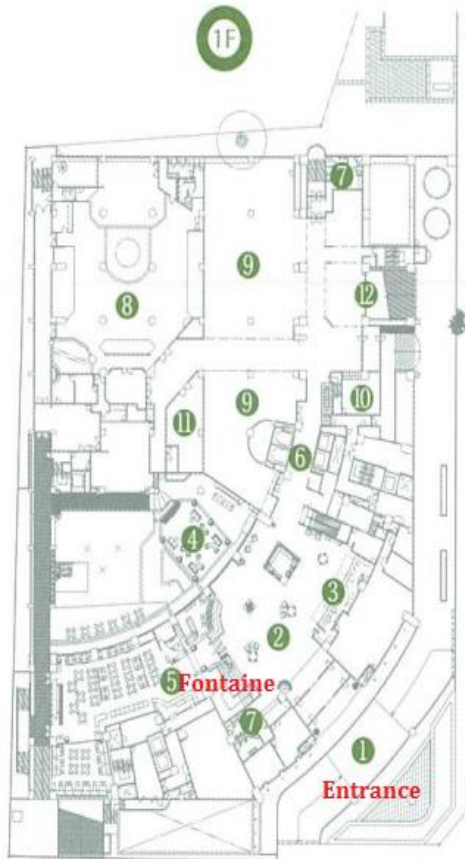
TEL : 098-868-2222 / FAX : 098-860-2000



Lunch Venue Information

1F- Fontaine

2F- Hanafu



What to do in Okinawa?

... Look no further.



Beaches – Restaurants – Entertainment – Sightseeing Cultural

Sites – Adventure – Local Color

OkinawaHai.com

Your travel information website for all things Okinawa

Conference Schedule

Wednesday, July 29, 2015

Oral Sessions

Time	Information	
12:30-18:00	Registration	Venue
13:10-14:40	Education I	KOCHO no MA (胡蝶の間)
	Civil Engineering I	SHUREI no MA (守禮の間)
	Business & Economics & Finance I	Deigo Room (でいごの間)
14:40-14:50	Tea Break	
14:50-16:20	Psychology	KOCHO no MA (胡蝶の間)
	Computer and Information Sciences I	SHUREI no MA (守禮の間)
	Education II	Deigo Room (でいごの間)
16:20-16:30	Tea Break	
16:30-18:00	Business & Economics & Finance II	KOCHO no MA (胡蝶の間)
	Material Science and Engineering I	SHUREI no MA (守禮の間)
	Environmental Sciences I	Deigo Room (でいごの間)

Thursday, July 30, 2015

Oral Sessions

Time	Information	Venue
08:30-18:00	Registration	3F
09:00-10:30	Business & Economics & Finance III	KOCHO no MA (胡蝶の間)
	Material Science and Engineering II	SHUREI no MA (守禮の間)
10:30-10:40	Tea Break	
10:40-12:10	<ul style="list-style-type: none"> ◆ Welcome Speech- Mr. Carl Bastian The American Chamber of Commerce Okinawa Governor/Tourism & Hospitality Committee Chairman, ◆ Social Science Keynote Speech Keynote Speaker: <i>Dr. Eun Jin Hwang</i> Paper title : <i>Connecting with Consumers via Social Networking</i> 	KOCHO no MA (胡蝶の間)
	<ul style="list-style-type: none"> ◆ Natural Science Keynote Speech Keynote Speaker: <i>Dr. Gordon Arbuthnott B.Sc.</i> Paper title : <i>Some Worries – or Excitement – about How the Basal Ganglia System is –or is NOT - Organized</i> 	SHUREI no MA (守禮の間)
12:10-13:10	Lunch Time	1F and 2F
13:10-14:40	Management I	KOCHO no MA (胡蝶の間)
	Computer and Information Sciences II	SHUREI no MA (守禮の間)
14:40-14:50	Tea Break	
14:50-16:20	Education III	KOCHO no MA (胡蝶の間)
	Fundamental and Applied Sciences	SHUREI no MA (守禮の間)
16:20-16:30	Tea Break	
16:30-18:00	Marketing I	KOCHO no MA (胡蝶の間)
	Electrical and Electronic Engineering	SHUREI no MA (守禮の間)

Thursday, July 30, 2015

Deigo Room (でいごの間), 3F

Poster Sessions

Time	Information
09:45-10:45	Education
11:00-12:00	Marketing/ Communication/ Finance/ Management / Law/ Psychology
13:30-14:30	Civil Engineering /Mechanical Engineering/ Material Science and Engineering/ Fundamental and Applied Sciences
14:45-15:45	Computer and Information Sciences /Electrical and Electronic Engineering / Fundamental and Applied Sciences
16:00-17:00	Environmental Sciences / Biomedical Engineering / Natural Science

Friday, July 31, 2015

Oral Sessions

Time	Information	Venue
08:30-18:00	Registration	3F
09:00-10:30	Law / Society	KOCHO no MA (胡蝶の間)
	Education IV	SHUREI no MA (守禮の間)
10:30-10:40	Tea Break	
10:40-12:10	Marketing II	KOCHO no MA (胡蝶の間)
	Environmental Sciences/Biomedical Engineering /Natural Science	SHUREI no MA (守禮の間)
12:10-13:10	Lunch Time	1F and 2F
13:10-14:40	Management II	KOCHO no MA (胡蝶の間)
	Civil Engineering II	SHUREI no MA (守禮の間)
14:40-14:50	Tea Break	
14:50-16:20	Education V	KOCHO no MA (胡蝶の間)
	Mechanical Engineering	SHUREI no MA (守禮の間)
16:20-16:30	Tea Break	
16:30-18:00	Culture / Communication	KOCHO no MA (胡蝶の間)
	Computer and Information Sciences III	SHUREI no MA (守禮の間)

Conference Organization

APICENS International Committee Board

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Tirelo Modie-Moroka, University of Botswana
Ying Xing, , China University of Political Science and Law
Young-Ok Kim, Chonnam National University

Special Thanks to Session Chairs

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Pei Ju Tsai	<i>Soochow University</i>
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Pankaj Kumar	<i>United Nations University</i>
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Mitsuhiro Nakamura	<i>University of Aizu</i>
Joelle H. Fong	<i>SIM University</i>
Yu-Ting Chen	<i>Nanhua University</i>
Junming Hsu	<i>National Chung-Hsing University</i>

Social Sciences Keynote Speech

KOCHO no MA (胡蝶の間), 3F

10:40-12:10 Thursday, July 30, 2015

Topic:

“Connecting with Consumers via Social Networking”

Keynote Speaker: **Dr. Eun Jin Hwang**

Indiana University of Pennsylvania, Indiana, PA,
USA



- Social Media & Fashion Industry
- Social Media Adoption among U. S. Specialty Retailers
- Top 10 Fashion Brands on YouTube & Twitter
- Fashion Retailers & Social Media
- Mostly Socially Devoted Industries on Facebook
- Luxury Fashion Brands
- Top 10 Fashion Brands by # of Users “Talking About This”
- Daily Time Spent with Online Activities in U.S.
- Total UK Mobile Audience Accessing Social Media
- Demographics of Consumers Who Have Made a Purchase Influenced by Social Media (Global)
- Percent of Trend-Setting Women Whose Purchases are Influenced by Social Media (U.S.)
- Why Like a Fashion Fan Page?
- Women VS Men
- What Motivates People to Make a Purchase?
- What Do Customers Want from Fashion Retailers via Social Media?
- Key trends
- What is Social Media?
- Social Media vs. Traditional Media
- Why Social Media?
- Impact of Social Media on Fashion

- Opportunity #1: Drive in-store traffic through online promotions
- Opportunity #2: Encourage people to interact with you.
- Opportunities #3: Encourage sales by making online reviews available in-store.
- Opportunity #4: Simplify and expand the research of customer recommendations.
- Opportunity #5: Make customers the best salespeople
- Opportunity #6: Enable new shared shopping experiences.
- Opportunity #7: Bring the in-store experience online
- Opportunity #8: Go to where people are
- Threats
- QUESTIONS?

Natural Sciences Keynote Speech

SHUREI no MA (守禮の間), 3F

10:40-12:10 Thursday, July 30, 2015

Topic:

Some Worries – or Excitement – about How the Basal Ganglia System is –or is NOT - Organized.

Keynote Speaker: **Dr. Gordon Arbuthnott B.Sc.**

Professor

OIST Graduate University, Okinawa, Japan



The organization of human movements is probably the most important function of the brain; think of which aspects of your life would continue without movement! Many movement disorders seem to have their origin in the basal ganglia – a system of deep brain nuclei below the cortex that seem to be damaged in many motor disorders.

There is a powerful model of this system that has been growing in complexity since it was first described in 1988. This talk will pose the question – is it time to admit that the model is no longer true? I will discuss several results that are casting grave doubts on the basic assumptions of the model and on its usefulness in understanding Parkinson's disease in particular.

If we have time we will also explore some unpublished work that suggests that we have missed an important clue in the structure of the biggest nucleus of the basal ganglia; the striatum. Recent experiments suggest that there is a hidden substructure in this nucleus that communicates with its neighbors only via long loops including one that contacts the dopamine cells that are most vulnerable in Parkinson's disease.

Oral Sessions

Education I

KOCHO no MA (胡蝶の間), 3F

Wednesday, July 29, 2015 13:10-14:40

Session Chair: *Prof. Nerys Rees*

IACSSM- 1675

Taiwan's Self-Evaluation Standards for MOOCs and Teaching Quality

Shu-Ping Chang | *Asia University and Chihlee Institute of Technology*

An-Chi Liu | *Feng Chia University*

Chao-Hsi Huang | *National Ilan University*

Ming-Hsiu Yu | *Ku-Pao Home Economics & Commercial High School*

IACSSM- 1730

Influences of Family Poverty and Division of Preschool Education on Learning Achievement and University Studies

Jason Yang | *National Taiwan Normal University*

Chunn-Ying Lin | *Dong-Hwa University*

IACSSM- 1744

Integrating Hope Theory through Picture Books to Enhance Learning Effectiveness and Resilience of Underachievers in Primary School English Class

Pei-Cheng Wei | *Fu Jen Catholic University*

Wei-Tang Wei | *Central University of Science and Technology*

IACSSM- 1762

A Study on a System of Employing Teachers and Educare Givers after Integrated Kindergarten and Nursery School in Taiwan

Chang, Wei Chen | *National Dong-Hwa University*

ICEPS- 130

The Emerging Mobile Era: A Review of Evolution of Personal Portals and Online Learning

Radar K. H. Chan | *University of Hong Kong*

ICEPS-66

Blind Children Learn Three-Dimensional Shape by the Progressive Mode - A Case of Human Organs

Chao-Yang Yang | *Tatung University*

En-Wei Tzou | *Tatung University*

Hui-Nong Liao | *Chang Gung University*

ICEPS-74

The Commodification of Higher Education in Japan: How Will the Quality of Education Be Affected by Internationalization Efforts?

Nerys Rees | *Rikkyo University*

Melanie Czarnecki | *Rikkyo University*

Civil Engineering I

SHUREI no MA (守禮の間), 3F

Wednesday, July 29, 2015 13:10-14:40

Session Chair: *Prof. Tso-Ren Wu*

APICENS- 1236

3D Numerical Simulation on Local Scour around the Bridge Piers Induced by Sever River Flood

Tso-Ren Wu | *National Central University*

Chung-Yue Wang | *National Central University*

Chia-Ren Chu | *National Central University*

Yu-Ming Ko | *National Central University*

Chin-Cheng Huang | *Nstitute of Nuclear Energy Research*

Mei-Hui Chuang | *National Central University*

ISCEAS- 505

Air Pollution Exposure in Daily Travelling Activities and the Health Impact on School Children – A Case Study in Hong Kong

K.L. Mak | *The Hong Kong Polytechnic University*

W.K. Loh | *The Hong Kong Polytechnic University*

Wai Man Kwong | *The Hong Kong Polytechnic University*

ISCEAS- 586

Shear Performance of Beam-Column Joints Using High Strength Polymer Cement Mortar in External Frames for Seismic Retrofitting

Takuya Kakihara | *Ube Industries Ltd.*

Inai Eiichi | *Yamaguchi University*

Akita Tomofusa | *Yamaguchi University*

Wakita Tomohide | *Yamaguchi University*

Takanori Kawamoto | *Ube Industries Ltd.*

ISCEAS- 618

Earthquake Response Prediction of a Single-Degree-of-Freedom System with Strength Reduction Type Restoring Force Characteristics by the Equivalent Linearization Method

Yuta Sakai | *Yamaguchi University*

Eiichi Inai | *Yamaguchi University*

Tomohusa Akita | *Yamaguchi University*

ISCEAS- 568

Decision Support System for Green Building Design and Retrofit Strategies

Yi-Kai Juan | *National Taiwan University of Science and Technology*

Kuo-Tsang Huang | *National Taiwan University*

ISCEAS- 755

Symmetrical Continuous Multidirectional Ultra-light Ultra-Strong Space Truss Structure

Mindaugas Ramaska | *National Taipei University of Technology*

Business & Economics & Finance I

Deigo Room (でいごの間), 3F

Wednesday, July 29, 2015 13:10-14:40

Session Chair: ***Prof. Joelle H. Fong***

IACSSM- 1735

Prediction of Exchange Rate of US Dollar-CHINA Renminbi Using Multiple Regression, Artificial Neural Networks and the Hybrid Model

Yuehjen E. Shao | *Fu Jen Catholic University*

Chien-Chin Li | *Fu Jen Catholic University*

IACSSM- 1771

The Development of Road Traffic Accident Management System in Thailand: Processes Costs and Outcomes

Pudtan Phanthunane | *Naresuan University*

Sila Tonboot | *Centre for Health Equity Monitoring Foundation*

Atipan Suwatmakin | *Centre for Health Equity Monitoring Foundation*

IACSSM- 1778

Windows of Economic Opportunity: An Ageing Asia

Joelle H. Fong | *Singapore Insitute of Management*

IACSSM- 1702

Corruptions on Listed Companies in Thai Stock Exchange

Itsaree Phaksipaeng | *Rangsit University*

Veraphong Chutipat | *Rajamangala University of Technology*

Rattaphong Sonsuphap | *Rangsit University*

Psychology

KOCHO no MA (胡蝶の間), 3F

Wednesday, July 29, 2015 14:50-16:20

Session Chair: *Prof. Scotty Enyart*

IACSSM- 1783

Theatrical Narrative Inquiry: An Action and Creative Methodology for Studying Lived Experience

Adam Chi-Chu Chou | *Feng Chia University*

IACSSM- 1784

Narrative Art Therapy Model : A Case Study in Children Witnessing Domestic Violence

Mei-Hua Chiu | *Overseas Chinese University*

IACSSM- 1785

Dealing with Challenges in the Service Program for Domestic Violence Respondent: The Strengths Perspective on the Experiences of Program Social Workers

Chien-Hui Hung | *Asia University*

IACSSM- 1786

A Pilot Study of Applying Visual Cards Narrative in Counseling Supervision

Ching-Feng Wu | *Ling Tung University*

ICEPS- 107

Viewing Negative as Positive: Augmenting the L2 Learning Experience Component of Dörnyei's L2 Motivational Self System

Brian G. Rubrecht | *Meiji University*

Kayoko Ishikawa | *Aichi University*

ICEPS- 62

Self-Knowledge and Empathy: Why They Matter for Teachers and Therapists

Thomas Morawetz | *University of Connecticut, Law*

Scotty Enyart | *U.S. Federal Government Psychotherapist*

ICEPS- 131

The Prevalence of Loneliness among Korean Adults

Yoon-Ki Min | *Chungnam University*

Woon-Yeong Lee | *Chungnam University*

Computer and Information Sciences I

SHUREI no MA (守禮の間), 3F

Wednesday, July 29, 2015 14:50-16:20

Session Chair: **Prof. Ágnes Bogárdi-Mészöly**

APICENS - 1253

Nearby Channel Estimation in Frequency Domain Equalization Design

Jia-Chyi Wu | *National Taiwan Ocean University*

Teng-Fu Huang | *National Taiwan Ocean University*

ISCEAS- 594

A Mobile Monitoring System for Elders' Care

Mao-Lun Chiang | *Chaoyang University of Technology*

Chun-Cheng Peng | *Chaoyang University of Technology*

Cheng-Jung Tsai | *National Changhua University of Education*

Ting-Yi Chang | *National Changhua University of Education*

ISCEAS- 574

Performance Prediction of Web-Based Software Systems with Subspace Identification

Ágnes Bogárdi-Mészöly | *Budapest University of Technology and Economics*

András Rövid | *Óbuda University*

Shohei Yokoyama | *Shizuoka University*

ISCEAS- 673

Predicting Failure Rate for Desktop Personal Computers

Fu-Kwun Wang | *National Taiwan University of Science and Technology*

Yi-Chen Lu | *National Taiwan University of Science and Technology*

ISCEAS- 580

A New Biometrics to Improve the Accuracy of Personal Authentication in Free Text

Cheng-Jung Tsai | *National Changhua University of Education*

Chun-Cheng Peng | *Chaoyang University of Technology*

Ting-Yi Chang | *National Changhua University of Education*

Wang-Jui Tsai | *National Changhua University of Education*

Jen-Yuan Yeh | *National Museum of Natural Science*

Kuen-Jhe Shih | *National Changhua University of Education*

ISCEAS- 723

An IoT-Enabled Pet-raising APP for Home Energy Saving

Ching-Hu Lu | *National Taiwan University of Science and Technology*

Li-Chiou Chen | *Yuan Ze University*

ISCEAS-701

An Image Hiding Scheme by Applying Genetic Algorithm on Square Matrix Encoding

Chi-Shiang Chan | *Asia University*

Yi-Hui Chen | *Asia University*

Education II

Deigo Room (でいごの間), 3F

Wednesday, July 29, 2015 14:50-16:20

Session Chair: *Prof. Mingchang Wu*

ICEPS- 136

A Study on the Learning Experience of Elementary Students with Underachievement

Mei-er Haung | *National Yunlin University of Science & Technology*

Wei-Zen Tan | *National Yunlin University of Science & Technology*

Ming Chang Wu | *National Yunlin University of Science & Technology*

ICEPS- 139

The Role of Self- Efficacy of Teachers in Inclusive School in Reducing Negative Labeling of Regular Students on Students with Special Needs

Clara Rosa Pujiyogyanti Ajisuksmo | *Atma Jaya Catholic University of Indonesia*

Kristina Andina Nugrahaningtyas | *Atma Jaya Catholic University of Indonesia*

ICEPS- 122

A Retrospective Study on the Autonomous Teaching Excellent Policy for Educational Quality Improvement in Higher Education

Mingchang Wu | *National Yunlin University of Science and Technology*

Mengtai Wu | *Transworld University*

ICEPS- 142

A Synthetic Analysis on Educational Elites' Perceptions of Their Career Achievement

Chen-Kun Lin | *National Yunlin University of Science and Technology*

Tsu-Yin Chen | *National Yunlin University of Science and Technology*

Wen-Ying Hsieh | *National Yunlin University of Science and Technology*

ICEPS- 71

Using an Ipad Application to Treat Children with Phonological Awareness Difficulties - A Pilot Study

Siew Li Goh | *KK Womens and Childrens Hospital*

June Yan Ying Bay | *KK Womens and Childrens Hospital*

Phoebe Eudora Sim | *KK Womens and Childrens Hospital*

Chee Kiat Oh | *Institute of Technical Education, College East*

Audrey Mei Ling Tan | *Institute of Technical Education, College East*

Jessica Shih Wei Lim | *Institute of Technical Education, College East*

IACSSM-1834

Diagnosis of Student Mistakes in Systems Analysis and Design for Effective Teaching and Learning

Chi Kuen Wong | *Hong Kong Baptist University*

ICEPS- 126

A Synthetic Study on The Dynamic Capabilities of Vocational High Schools ~ A Case Study in A Middle Sized Private High School

Yuan-Kei Lin | *National Yunlin University of Science and Technology*

Chih-Chieh Huang | *National Yunlin University of Science and Technology*

Mingchang Wu | *National Yunlin University of Science and Technology*

ICEPS- 145

How do Taiwanese Perceive Family Members' Death? ~ The Innermost Affection behind Funeral Services

Tsu-Yin Chen | *Chang Gung University of Science and Technology*

Chen-Kun Lin | *National Yunlin University of Science and Technology*

Yun-Pin Shih | *National Yunlin University of Science and Technology*

Wenyng Hsieh | *National Yunlin University of Science and Technology*

Business & Economics & Finance II

KOCHO no MA (胡蝶の間), 3F

Wednesday, July 29, 2015 16:30-18:00

Session Chair: ***Prof. Wai-Ming Ng***

ICEPS- 38

Information Requirements of Traveler Experience Based on the Personas for Travel Information System

Feng-Liang Lee | *Chia Nan University of Pharmacy & Science*

IACSSM- 1819

Securitizing Green

Dong-Hoon Shin | *Inha University*

Changhui Choi | *Korea Insurance Research Institute*

Changki Kim | *Korea University Business School*

IACSSM- 1669

Running Hong Kong Restaurants in Contemporary Japan

Wai-Ming Ng | *Chinese University of Hong Kong*

IACSSM- 1677

Applying VIKOR Technique in the Evaluation of Management Associate Work Performance for Small and Medium Enterprises

Kuo-Yan Wang | *Xiamen University Tan Kah Kee College*

IACSSM- 1695

The Effect of Language Ability on Chinese Immigrants' Earning in Hong Kong

Michael Ng Chi Man | *The Open University of Hong Kong*

Material Science and Engineering I

SHUREI no MA (守禮の間), 3F

Wednesday, July 29, 2015 16:30-18:00

Session Chair: *Prof. Yeo-Wan Chiang*

APICENS- 1246

Large-Area Block Copolymer Photonic Gel Films with Stimulus-Responsive Red- and Blue-Shift Reflective Bands

Yeo-Wan Chiang | *National Sun Yat-Sen University*

APICENS- 1250

Fabrications of Photonic Crystals with Various Microstructures in Polystyrene-Block-Poly(2-Vinylpyridine) Block Copolymer Thin Films

En-Li Lin | *National Sun Yat-Sen University*

Yeo-Wan Chiang | *National Sun Yat-Sen University*

APICENS- 1248

Control of Nanostructural Dimension by Crystallization in a Double-Crystalline Syndiotactic Poly(4-Methyl-1-Pentene)-Block-Poly(L-Lactide) Block Copolymer

Shih-Hung Huang | *National Sun Yat-Sen University*

Yeo-Wan Chiang | *National Sun Yat-Sen University*

Environmental Sciences I

Deigo Room (でいごの間), 3F

Wednesday, July 29, 2015 16:30-18:00

Session Chair: *Prof. Amin Yousefi-Sahzabi*

APICENS-1230

Multi-Isotopic Assessment of Processes Governing the Geochemical Evolution of Groundwater in Surat City, Gujarat, Western India

Pankaj Kumar | *United Nations University*

Srikantha Herath | *United Nations University*

Kazuhiko Takeuchi | *United Nations University*

Prashant Bhalani | *Institute of Science and Technology for Advance Studies and Research*

APICENS-1267

Ecosystem-based Approach to Flood Risk Mitigation in Yato Watershed, Setagaya, Tokyo

Mary Antonette Angue Beroya-Eitner | *United Nations University*

ISCEAS-754

A Study on the Possibility of Enhancing Biogas Production from Garbage through Fermentation Technology. A Case Study: The Campus Kitchen at Suan Dusit Rajabhat University

Vassanasak Limkhuansuwan | *Suan Dusit Rajabhat University*

Niyada Sawasdipong | *Suan Dusit Rajabhat University*

ISCEAS-628

GIS-Based Hydrological Modeling Using SWAT: A Case Study of Stung Sen Hydropower Dam in Cambodia

Kimrithy Seng | *Kyushu University*

Amin Yousefi-Sahzabi | *Kyushu University*

Kyuro Sasaki | *Kyushu University*

Yuichi Sugai | *Kyushu University*

ISCEAS-762

Renewable and Low-Carbon Energy in Turkey: A Review on the Current Status, Social Awareness and Government Policies

Amin Yousefi-Sahzabi | *Kyushu University*

Kyuro Sasaki | *Kyushu University*

Yuichi Sugai | *Kyushu University*

Arif Widiatmojo | *Kyushu University*

ISCEAS-719

A Comparative Analysis on The Concentration of Nickel Uptake of Three Plant Species Endemic to the Lateritic Soils of Santa Cruz, Zambales to Assess Their Potential for Phytomining

Christian Labrador Paguio | *University of the Philippines Diliman*

Niera Kamille Dizon | *University of the Philippines Diliman*

Business & Economics & Finance III

KOCHO no MA (胡蝶の間), 3F

Thursday, July 30, 2015 09:00-10:30

Session Chair: ***Prof. Junming Hsu***

IACSSM- 1705

Overinvestment, Financial Constraints, and SEO Long-Run Performance

Young, Weiju | *Chaoyang University of Technology*

Hsu, Junming | *National Chung-Hsing University*

Li, Chia-Wei | *National Chung-Hsing University*

IACSSM- 1709

Analysis of Price Formation of Taiwan's Foreign Exchange-Traded Funds

Wang Ming-Chieh | *National Chi Nan University*

IACSSM- 1729

SEO Firms Lottery-Like Characteristics, Institutional Ownership, and Long-Run Performance

Junming Hsu | *National Chung-Hsing University*

Tung-Shiao Yang | *National Chung-Hsing University*

IACSSM- 1668

Study on Instruction Applications of Green Wedding Creative Design

Chin-Min Lin | *Mingdao University*

IACSSM- 1832

A Reexamination on Performing R&D Investment Decision

Hsin-Jung Hsieh | *Kainan University*

Material Science and Engineering II

SHUREI no MA (守禮の間), 3F

Thursday, July 30, 2015 09:00-10:30

Session Chair: *Prof. Chih Chen*

ISCEAS- 662

Molecular Fraction and Configuration Predictions of Heavy Petroleum Crude Oil Model by Stochastic Reconstruction Method

Po-Yu Yang | *National Sun Yat-sen University*

Hisng-Yin Chen | *Kaohsiung Medical University*

Shin-Pon Ju | *National Sun Yat-sen University*

ISCEAS- 640

Equilibrium Phase Prediction for PMMA-b-PMMAPOSS Copolymer Blended with Phenolic Resin: A Dissipative Particle Dynamics Study

Ting-Kai Shen | *National Sun Yat-sen University*

Shiao-Wei Kuo | *National Sun Yat-sen University*

Shin-Pon Ju | *National Sun Yat-sen University*

ISCEAS- 639

Thermal Stability of PAMAM Dendrimer/AuNPs Composites by Molecular Dynamics Simulation

Po-Yu Yang | *National Sun Yat-sen University*

Ying-Chen Chuang | *National Sun Yat-sen University*

Hisng-Yin Chen | *Kaohsiung Medical University*

Shin-Pon Ju | *National Sun Yat-sen University*

ISCEAS- 596

Fabrication of (111) Oriented and Nano-Twinned Cu and Its Application

Chih Chen | *National Chiao Tung University*

Chia-Ling Lu | *National Chiao Tung University*

Hsiang-Yao Hsiao | *National Chiao Tung University*

Chien-Min Liu | *National Chiao Tung University*

Han-Wen Lin | *National Chiao Tung University*

Tao-Chi Liu | *National Chiao Tung University*

Yi-Sa Huang | *National Chiao Tung University*

Kuan-Neng Chen | *National Chiao Tung University*

King-Ning Tu | *University of California at Los Angeles*

ISCEAS- 544

High-Temperature Oxidation of Ni₃Al Alloys

Soon Yong Park | *Sungkyunkwan University*

Kwon Yong Ji | *Sungkyunkwan University*

Dong Bok Lee | *Sungkyunkwan University*

ISCEAS- 752

Shakedown Analysis of Truss Structures of Nonlinear Kinematic Hardening Materials

Shyue-Yuh Leu | *China University of Science and Technology*

Management I

KOCHO no MA (胡蝶の間), 3F

Thursday, July 30, 2015 13:10-14:40

Session Chair: ***Prof. Luan Ying Wei***

IACSSM- 1777

Adult Playfulness and Organization Performance: Leadership Style as a Moderator

Luan Ying Wei | *Takming University of Science and Technology*

Shiang Rong Tseng | *Takming University of Science and Technology*

Yuan Ying Lee | *Takming University of Science and Technology*

IACSSM- 1831

Exploring the Factors Determining Firms' Adoption of Mobile Payment Service

Yu-Ching Lin | *National Sun Yat-sen University*

Chang-Chan Lee | *Chunghwa Telecom Co., Ltd*

IACSSM- 1682

How Supplier Capability Affects an Organizational Flexibility and Performance

Shih Yu Cheng | *National Cheng Kung University*

Ying Lien Lin | *National Cheng Kung University*

IACSSM- 1701

The Influence of Resource Allocation and Market Route Deployment on Shipping Firm Performance: A Resource Leveraging Perspective

Yu Hsuan Li | *National Dong Hwa University*

IACSSM- 1804

Reliability Analysis of Production Measure Factors on Rural Rejuvenation Policy

Jin-Wen Hsing | *Feng Chia University*

Mei-Jung Lai | *Feng Chia University*

ICEPS- 150

**Taiwan Indigenous Culture Inclusive Health Science Education Program-An
Elementary School Case in Tayal, Paiwan and Bunun Tribes.**

Kuo-Yuan Hwa | *National Taipei University of Technology*

Kai-Lung Wang | *National Taipei University of Technology*

Computer and Information Sciences II

SHUREI no MA (守禮の間), 3F

Thursday, July 30, 2015 13:10-14:40

Session Chair: *Prof. Shih-Hsuan Yang*

ISCEAS- 576

Quality Optimization of MPEG-DASH Video Over Multiple Servers

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

Chun-Chieh Chen | *National Taipei University of Technology*

ISCEAS- 653

Novel Trajectory Routing for Efficient Controlled Replication in Vehicular Delay Tolerant Network

Ing-Chau Chang | *National Changhua University of Education*

Ming-Han Hung | *National Changhua University of Education*

Ching-Ru Chang | *National Changhua University of Education*

ISCEAS- 631

Fast Iterative 3D Mesh Segmentation Using Part-Saliency

Hun-Kuang Chen | *National Chin-Yi University of Technology*

Yu-Dai He | *National Chin-Yi University of Technology*

ISCEAS- 636

A Simple Saliency-Based Mesh Cut Technique and Its Application

Hung-Kuang Chen | *National Chin-Yi University of Technology*

Ying-Chuan Chen | *National Chin-Yi University of Technology*

ISCEAS- 626

Application of Back-Propagation Neural Network in Forecasting Aviation Engine Component Failure

Yu-Cheng Wang | *China University of Science and Technology*

ISCEAS- 655

An Improved Particle Swarm Optimizations for Identifying Single Nucleotide Polymorphisms of Susceptibility in the Presence of Epistasis

Li-Yeh Chuang | *I-Shou University*

Yu-Da Lin | *National Kaohsiung University of Applied Sciences*

Cheng-Hong Yang | *National Kaohsiung University of Applied Sciences*

ISCEAS- 705

An Image Content Protection and Tampering Localization Scheme Using Singular Values

Wen-Chuan Wu | *Aletheia University*

Zi-Wei Lin | *Aletheia University*

Education III

KOCHO no MA (胡蝶の間), 3F

Thursday, July 30, 2015 14:50-16:20

Session Chair: *Prof. Yang Jyh-Yiing*

ICEPS- 44

Scaffolding Strategies for Language Development during Read-Alouds for Linguistically-Diverse First Graders

Yu-Chih Huang | *Huafan University*

ICEPS- 49

The Trend and Reflection of Teaching Reform about Teacher Education Program in Taiwan

Yang Jyh-Yiing | *National Pingtung University*

ICEPS- 54

Analyzing Media Approaches of MOOC Videos for Principle Elaboration and Demonstration

Pei-Yu Wang | *National Chiayi University*

ICEPS- 73

The Study of the University-School Partnership Relations – An Case Analysis as the Example

Ming-Tang Kuo | *National Pingtung University*

ICEPS- 58

The SMART School Proposal

Kuan-Hsin Tsai | *National Pingtung University*

ICEPS- 135

Collaborative Action Research on the Implementation of Aesthetic Thematic Curriculum for Young Children in Taiwan

Yu-Ting Chen | *Nanhua University*

IACSSM- 1806

Tertiary Students' Employability Socialization of Internship Education Program

Chun-Mei Chou | *National Yunlin University of Science and Technology*

Chien-Hua Shen | *Transworld Institute of Technology*

His-Chi Hsiao | *Cheng Shin University*

Su-Chang Chen | *National Penghu University of Science and Technology*

Hui-Tzu Chang | *National Chiao Tung University*

Fundamental and Applied Sciences / Chemical Engineering

SHUREI no MA (守禮の間), 3F

Thursday, July 30, 2015 14:50-16:20

Session Chair: *Prof. Xiaoqiang Cai*

ISCEAS- 606

Using on-Line Video Lessons to Teach Concepts in Chemistry

Patricia Dianne Christie | *Massachusetts Institute of Technology*

Mei Chee Tan | *Singapore University of Technology and Design*

Gim-Yang Pee | *Singapore University of Technology and Design*

Li Ling Apple Koh | *Singapore University of Technology and Design*

Aikaterini Bagiati | *Massachusetts Institute of Technology*

John G. Brisson | *Massachusetts Institute of Technology*

ISCEAS- 642

Proposal of an Advanced Method for Analyzing Environmental Data on Farmland

Yuuki Yamasaki | *Sojo University*

Yuuki Yamashita | *Sojo University*

Noriko Horibe | *Sojo University*

Shin-Ichi Aoqui | *Sojo University*

ISCEAS- 510

Optimal Age for Preventive Replacement of a Discrete Time Operating Product under Pro Rata Rebate Warranty

Yu-Hung Chien | *National Taichung University of Science and Technology*

Chung-Paio Chiang | *National Taiwan Sport University*

ISCEAS- 690

Stochastic Scheduling Subject to Multiple-Type Machine Breakdowns

Xiaoqiang Cai | *The Chinese University of Hong Kong*

Xianyi Wu | *East China Normal University*

Xian Zhou | *Macquarie University*

ISCEAS- 692

Characteristic of Copper (II) Extraction Using Microcapsules Interconnecting Spherical Pores Impregnated with LIX84-I

Nov Irmawati Inda | *University of Miyazaki*

Masaya Fukumaru | *University of Miyazaki*

Shiro Kiyoyama | *Miyakonojo National College of Technology*

Takayuki Takei | *Kagoshima University*

Masahiro Yoshida | *Kagoshima University*

Koichiro Shiomori | *University of Miyazaki*

ISCEAS- 720

Combining Derivative Free Method in the Error Estimation of Numerical Quadrature

Chin-Yun Chen | *National Chiayi University*

ISCEAS-749

Scenario Analysis of Low Carbon Urban Energy System

Hooman Farzaneh | *United Nations University*

Marketing I

KOCHO no MA (胡蝶の間), 3F

Thursday, July 30, 2015 16:30-18:00

Session Chair: **Prof. Geng Cui**

IACSSM- 1679

A Three-Route Framework for Explaining the Core Brand Effect's on Extension Evaluations

Yi-Wen Chien | *National Taiwan University*

Chung-Chiang Hsiao | *National Taiwan Normal University*

IACSSM- 1680

Can Integrated Context Effects Be Different from the Summation of Individual Context Effect?

Chung-Chiang Hsiao | *National Taiwan Normal University*

Yi-Wen Chien | *National Taiwan University*

IACSSM- 1687

The Effect of Online Review Manipulations on Sales: An Empirical Investigation across Different Platforms

Ling Peng | *Lingnan University*

Geng Cui | *Lingnan University*

IACSSM- 1694

Manipulating Online Product Reviews: Its Effect on Consumer Suspicion and Purchase Intention

Ling Peng | *Lingnan University*

Geng Cui | *Lingnan University*

Mengzhou Zhuang | *University of Illinois at Urbana-Champaign*

Electrical and Electronic Engineering

SHUREI no MA (守禮の間), 3F

Thursday, July 30, 2015 16:30-18:00

Session Chair: **Prof. Hei Wong**

ISCEAS- 536

A Low-Voltage CMOS DC-DC Converter with Pulse Skipping Modulation Regulation

Hei Wong | *City University*

Ze Hua Chen | *Zhejiang University*

Wei Yin Wang | *Zhejiang University*

ISCEAS- 584

Design of Two-Channel Recursive Quadrature Mirror Filter Banks with Lattice Structures

Ju-Hong Lee | *National Taiwan University*

Chong-Jia Ciou | *National Taiwan University*

ISCEAS- 564

Design and Development of High-Voltage Power Supply for Geiger Müller (GM) Counter

Md. Rajibur Rahaman Khan | *Kyungpook National University*

Sang-Won Lee | *Kyungpook National University*

Shin-Won Kang | *Kyungpook National University*

ISCEAS- 638

Utilization of an Organic Dopant as an Additive into Photoactive Layer for High Efficiency Polymer Solar Cells

Kwang-Don Lee | *Kyungpook National University*

Sai-Anand Gopalan | *Kyungpook National University*

Xu Binrui | *Kyungpook National University*

Sang-Won Lee | *Kyungpook National University*

Shin-Won Kang | *Kyungpook National University*

Law / Society

KOCHO no MA (胡蝶の間), 3F

Friday, July 31, 2015 09:00-10:30

Session Chair: ***Prof. Chanakan Boonnuch***

IACSSM-1670

The Comparative Analysis on Recognition Process of Trade Union in Malaysia and Japan

Siti Suraya Abd Razak | *Southern University College*

IACSSM- 1734

A Study on the Trend and Development Strategies of a Low-Carbon Society

Hui-Ting Tang | *National Taipei University*

Yuh-Ming Lee | *National Taipei University*

IACSSM- 1820

The Development of University Library in Thailand to ASEAN Community Model

Titiya Netwong | *Suan Dusit Rajabhat University*

ICEPS- 143

Society and Organizations: Networking in 21st Century Is a Perfect Marriage?

Arasu Raman | *INTI International University*

ICEPS- 140

Does Illegitimacy Status of Children Matter? A Review on Malaysian Perspectives

Meerah Deiwi Raja Gopal | *Inti International University,*

IACSSM- 1848

Sufficient Economy Philosophy Process of Community and Exercise at Community Organization Collaboration Centers at Bungwai Sub-District, Ubon-Ratchathani Province, Thailand

Chanakan Boonnuch | *Mahidol University*

Wiroon Boonnuch | *Mahidol University*

Duangjun Phantayuth | *Mahidol University*

Sirirat Hirunrat | *Mahidol University*

Wanida Sujjapunroj | *Ramkhamhaeng University*

Wittaya Jiaraphan | *South-East Asia University*

Wallabha Sangkasophon | *Chulabhorn Hospital*

Education IV

SHUREI no MA (守禮の間), 3F

Friday, July 31, 2015 09:00-10:30

Session Chair: *Prof. Pei Ju Tsai*

ICEPS-95

The Path Analysis of Perceptions of Learners' Self-Determination in Learning Stress and Test Anxiety in Junior High School

Hsiu-Ju Chang | *National Chengchi University*

ICEPS- 118

A Mainland Chinese Student's Perceptions of a Freshman English Language Classroom in a Taiwanese University

Pei Ju Tsai | *Soochow University*

ICEPS- 85

Exploring the Differences in Comprehension Strategies Used between Reading Narrative and Expository Texts by Good and Poor Readers

Chang-Jen Lin | *National Central University*

Yu-Min Ku | *National Central University*

ICEPS-104

Realizing a Progressive Pedagogy: A Comparative Case Study of Two Reggio Emilia Preschools in San Francisco

Marwa Abdelfattah | *The American University in Cairo*

ICEPS-79

Boredom and Engagement: Moderated Mediation Model of Academic Boredom, Leisure Boredom, and Study–Leisure Conflict

Takuto Shishido | *Musashino University*

Hiroshi Watanabe | *Musashino University*

Atsushi Tsumita | *Musashino University*

Hidekatsu Hojo | *Musashino University*

IACSSM- 1728

The Cognitive Readiness and Achievement Gap among Children of Different Ethnic Groups or Cross-National Marriage Families in Taiwan

Chunn-Ying Lin | *Dong-Hwa Univisity*

Hui-Hua Chen | *Dong-Hwa Univisity*

Ya-Heng Hsieh | *Jen-Teh Junior College of Medicine, Nursing and Management*

IACSSM- 1756

Ethnic Gap of Children Problem-Solving Ability: A Latent Growth Curve Model

Hsieh Ya Heng | *Jenteh Junior College of Medicine, Nursing and Management*

Lin Chunn Ying | *National Dong-Hwa Univisity*

Marketing II

KOCHO no MA (胡蝶の間), 3F

Friday, July 31, 2015 10:40-12:10

Session Chair: **Prof. Peter J. Morton**

IACSSM-1727

The Effects of Gift Value on Gift Satisfaction in Romantic Relationship Development: A Social Exchange Theory Perspective

Yu-Chen Chen | *Soochow University*

Rong-An Shang | *Soochow University*

Chung-Kuang Lin | *Soochow University*

Shuo-Chun Chen | *Soochow University*

IACSSM- 1750

Two Potentially Antagonistic Tourism Models for Thailand

Peter J. Morton | *Chinese Culture University*

Kheawcha-um Parichat | *Chinese Culture University*

IACSSM- 1816

The Impact of Positive Word-of-Mouth on Post-Purchase Attitude Certainty

Cindy M. Y. Chung | *Independent*

Boon Chong Lim | *Nanyang Technological University*

IACSSM- 1817

Intention to Take Precautions to Avoid Consuming Food Additives--The Mediating Role of Perceived Risk

Mei-Fang Chen | *Tatung University*

Environmental Sciences II/Biomedical Engineering /

Natural Science

SHUREI no MA (守禮の間), 3F

Friday, July 31, 2015 10:40-12:10

Session Chair: *Prof. Hung-Kai Yen*

APICENS- 1254

The Effect of a Natural Product on Skin and Hair Proteins

Dashnie Naidoo | *Council for Scientific and Industrial Research*

Stoyan Stoychev | *Council for Scientific and Industrial Research*

Natasha Kolesnikova | *Council for Scientific and Industrial Research*

ISCEAS- 664

Evaluation of Antiepileptic Drugs' Curative Effect with Quantitative EEG Feature Analysis

Chen-Sen Ouyang | *I-Shou University*

Ching-Tai Chiang | *National Pingtung University*

Lung-Chang Lin | *Kaohsiung Medical University*

Rei-Cheng Yang | *Kaohsiung Medical University*

Chih-Hung Wu | *National University of Kaohsiung*

ISCEAS-725

Development of Multiplex qPCR and RT-qPCR Methods for the Detection of Functional Gene Fragment in Toxic- and Odorant-Producing Cyanobacteria in Taiwan's Reservoirs

Hung-Kai Yen | *Meiho University*

Yi-Ting Chiu | *National Cheng Kung University*

Tsair-Fuh Lin | *National Cheng Kung University*

ISCEAS-738

Unbalanced Function Based Multifactor Dimensionality Reduction (MDR-ER) for Identifying Interactions between Clinical Hemodialysis Factors of Susceptibility in All-Cause Mortality

Yeh Li Chuang | *I-Shou University*

Hua Sin Moi | *National Kaohsiung University of Applied Sciences*

Hong Cheng Yang | *National Kaohsiung University of Applied Sciences*

ISCEAS-731

Effect of Sintering Temperature on Si/S co - Substituted Hydroxyapatite SAOS-2 cells Behavior

Piyanan Boonphayak | *University of Manchester*

Julie Gough | *University of Manchester*

Management II

KOCHO no MA (胡蝶の間), 3F

Friday, July 31, 2015 13:10-14:40

Session Chair: **Prof. Hidetaka Ichikawa**

IACSSM-1720

Transformation a Non-Profit Organization into a Social Enterprise-From a Social Innovation Perceptive

Jau-Rong Chen | *Ming Chi University of Technology*

Cai-Ni Jhan | *Ming Chi University of Technology*

IACSSM-1722

A Mixed Integer Programming Model to Investigate Optimal Nutritional Medicine Distribution Channel Configuration

Ping-Yu Chang | *Ming Chi University of Technology*

Zong-You Chen | *Ming Chi University of Technology*

IACSSM-1739

A Comparative Analysis of Economic Crisis and International Tourism Demand in Asia Destination Countries

Hsiao-I Kuo | *Chaoyang University of Technology*

Ching-Lung Lu | *Taipei Chengshih University of Science and Technology*

IACSSM-1775

The Creation of New Social Infrastructure System to Spread the Next-Generation Vehicles – An Example of Yakushima Island’s “Zero Emissions” Initiative

Hidetaka Ichikawa | *Kagoshima University*

IACSSM-1825

A Study on Motivating Students to Write with an Online Peer-Assessment System

Bor-Tyng Wang | *Feng-Chia University*

Chun-Wen Teng | *Feng-Chia University*

Han-Tung Chen | *Feng-Chia University*

Ching-Yi Lee | *Feng-Chia University*

IACSSM-1747

Institutional Transplantation: Ignorance Isn't Always Bliss

Reynold Peter James | *Zayed University*

Civil Engineering II

SHUREI no MA (守禮の間), 3F

Friday, July 31, 2015 13:10-14:40

Session Chair: *Prof. Xi Cao*

ISCEAS-552

Civic Engagement and Sustainable Cities in Afghanistan

Osama Hidayat | *Tokai University*

Yoshitaka Kajita | *Tokai University*

ISCEAS-616

A Strain Modeling of Asphalt Layer on Composite Pavement Using Finite Element Method

Won Pyoung Kang | *Korea Institute of Civil Engineering and Building Technology*

Hak Ryong Moon | *Korea Institute of Civil Engineering and Building Technology*

ISCEAS-620

A Study on Noise Test and Reduction Method for Large Scale Noise Generation Area-Focusing on General Vehicle and Racing Car-

You-Jin Lim | *Korea Institute of Civil Engineering and Building Technology*

Hak-Ryong Moon | *Korea Institute of Civil Engineering and Building Technology*

ISCEAS-571

Damage Factors of Pile Foundation of School Building due to Seismic Performance of the Building

Mitsuki Higashida | *Yamaguchi University*

Tomofusa Akita | *Yamaguchi University*

Eiichi Inai | *Yamaguchi University*

Tomohisa Mukai | *Building Research Institute*

Hisatoshi Kashiwa | *Building Research Institute*

Tsutomu Hirade | *Building Research Institute*

Osamu Kaneko | *Toda Corporation*

ISCEAS-660

Discussion on the Effect of Solar Radiation and Emission on the Temperature in Bridge Roadway and Highway

Xi Cao | *Shinshu University*

Z.Zhang | *Nanjing University of Aeronautics and Astronautics*

S.Araki | *Shinshu University*

Z.Luo | *Nanjing University of Aeronautics and Astronautics*

T.Fukuhara | *Shinshu University*

T.Kako | *Shinshu University*

ISCEAS-727

Seismic Response Analysis of Arch Structure by Shaking Table Test

Gee-Cheol Kim | *Seoul National University*

Education V

KOCHO no MA (胡蝶の間), 3F

Friday, July 31, 2015 14:50-16:20

Session Chair: *Prof. Seung-Hyun Son*

ICEPS-94

Qualitative Analysis of Experiences of Pre-Service Teachers in "Education for Sustainable Development" Course

Seung-Hyun Son | *Korea University*

Hyun-Sook Park | *Korea University*

Yedana Lee | *Korea University*

ICEPS-102

Sexual Risk Behaviors, Sexual Health Protection and Awareness of Sexual Health Problems of Young Adult in Nakhon Ratchasima, Thailand

Wallapa-Boonrod | *Suranaree University of Technology*

Roumporn-Konggumne | *Suranaree University of Technology*

Thatkhwan-Maturachon | *Suranaree University of Technology*

ICEPS-129

Teaching Evaluation Guide the Teaching? The Influence and Reflection from Student Grade and Learning Attitude toward "Student Evaluations of Teaching"

Jo-Ying Chu | *National Tsing Hua University*

Eric S. Lin | *National Tsing Hua University*

Chang-Yu Tsai | *National Tsing Hua University*

ICEPS-53

Teaching Systemic Functional Linguistics at the Post-Secondary Level: A Follow-Up Survey

Wai Man Ng | *Hong Kong Community College*

ICEPS-123

An Application of the Attribute Hierarchy Method to the Cognitive Diagnosis of Proportional Reasoning Abilities

Wang Yuan-sung | *National University of Tainan*

Tzou Huey-ing | *National University of Tainan*

ICEPS-137

Development of Inter-Rater Reliability for Constructed-Response Item and Its Application in Mathematics Reading Assessment

Yuan-Horng Lin | *National Taichung University of Education*

Zih-Ya Chen | *National Taichung University of Education*

IACSSM-1717

Analytic Hierarchy Process based Study on Interview Criteria for College Admission of Aviation Service Profession

Jing Qiu | *Tatung University*

Chih-Fu Wu | *Tatung University*

Xiao Liu | *Xiamen University of Technology*

Mechanical Engineering

SHUREI no MA (守禮の間), 3F

Friday, July 31, 2015 14:50-16:20

Session Chair: **Prof. Byoungsoo Kim**

ISCEAS-597

Force Discrimination at Using Improved Hand Haptic Interface

Haruhisa Kawasaki | *Gifu University*

Tetsuya Mouri | *Gifu University*

ISCEAS-643

Study on Generation and Modification of Multi-Block Grid for High-Lift Configuration Airfoils

Byoungsoo Kim | *Chungnam National University*

Wanghyun Kim | *Chungnam National University*

Dwoo Nam | *Chungnam National University*

ISCEAS-590

Smart Compensation Module for Linear Positioning

Yung-Cheng Wang | *National Yunlin University of Science and Technology*

Jui-Chang Lin | *National Formosa University*

Bean-Yin Lee | *National Formosa University*

Chung-Ping Chang | *National Yunlin University of Science and Technology*

Jhen-Ling Huang | *National Yunlin University of Science and Technology*

ISCEAS-728

Proposal of Thermal Efficient Heating Mechanism Using Water Vapor for Industrial Furnace

Seigo Sakai | *Yokohama National University*

ISCEAS-777

Flywheel Design and Analysis Using Uniform Stress Approach

Chi Ting Hsieh | *Da-Yeh University*

Hua Wei Chi | *Da-Yeh University*

Chung Te Wu | *Cheng Shing Spring Enterprises CO., LTD.*

ISCEAS-778

Improvement of the Cage Design of a Long Stroke Linear Module

Chia Yi Lin | *Da-Yeh University*

Hua Wei Chi | *Da-Yeh University*

Chung Te Wu | *Cheng Shing Spring Enterprises CO., LTD.*

ISCEAS-744

Study on High-Aspect-Ratio Drilling of Quartz Glass Plate Using Electroplated Diamond Tool

Kazuki Ueda | *Tokushima University*

Akira Mizobuchi | *Tokushima University*

Culture / Communication

KOCHO no MA (胡蝶の間), 3F

Friday, July 31, 2015 16:30-18:00

Session Chair: *Vladimir Kudoyarov*

IACSSM-1713

Audience Reception Analysis of "Women Live Streaming of the Game Site."

Kuan-Ting Chou | *National Chiao Tung University*

IACSSM-1818

Integrating Coupon and E-Coupon: A Tangible Device for On- and Off-Location Marketing

Ying-Chien Wu | *National Taipei University of Technology*

Nan-Ching Tai | *National Taipei University of Technology*

Ya-Wei Hsu | *National Taipei University of Technology*

Ting-Wei Yeh | *National Taipei University of Technology*

IACSSM-1779

Biosignal Based Algorithmic Composition Method

Chih-Fang Huang | *Kainan University*

Wei-Po Nien | *National Chiao Tung University*

IACSSM-1772

The Cooperation of Local Culture Life Circle – Taking Cultural Events and Tourism of Huwei Township as Example

Yi-Wei Kao | *National Yunlin University of Science and Technology*

Shyh-Huei Hwang | *National Yunlin University of Science and Technology*

IACSSM-1837

Edicts to Repel Foreign Vessels in Tokugawa Japan

Vladimir Kudoyarov | *The University of Tokyo*

Computer and Information Sciences III

SHUREI no MA (守禮の間), 3F

Friday, July 31, 2015 16:30-18:00

Session Chair: *Prof. Mitsuhiro Nakamura*

ISCEAS-553

Fault-Tolerant Router for Highly-Reliable Many-Core 3D-NoC Systems

Abderazek Ben Abdallah | *University of Aizu*

Mitsuhiro Nakamura | *University of Aizu*

Akram Ben Ahmed | *University of Aizu*

Michael Meyer | *University of Aizu*

Yuichi Okuyama | *University of Aizu*

ISCEAS-543

RFID Privacy Protection Authentication Protocol with Staying Tags

Jung-Shian Li | *National Cheng Kung University*

Wei-Li Huang | *National Cheng Kung University*

Yu-Min Hu | *National Cheng Kung University*

ISCEAS-708

Network Routing Optimization and Capacity Expansion Using Financial Option Methods

Dohyun Pak | *Gachon University*

ISCEAS-659

A Preliminary Study on Manifold Learning

Chih-Wen Wang | *I-Shou University*

Jyh-Horng Jeng | *I-Shou University*

ISCEAS-764

Mining Unified Term-Concept Networks from Text Tensor Space Model

Han-Joon Kim | *University of Seoul*

Ki-Joo Hong | *University of Seoul*

Poster Sessions

Education

Deigo Room (でいごの間), 3F

Thursday, July 30, 2015 09:45-10:45

ICEPS- 57

Using Problem-Based Learning to Explore Solutions for the Gap between Education and Employment in Technical and Vocational School

Yu Fang Chu | *National Academy for Educational Research*

Pei Lin Hsu | *Oriental Institute of Technology*

ICEPS- 112

Eaming Statistics Misconceptions for College Students in Taiwan through the BW Person-Fit Indices

Tsai-Wei Huang | *National Chiayi University*

Tsay-Ming Chang | *National Chiayi University*

ICEPS- 64

The Relationships among Work Stress, Subjective Well-Being, and Depression: Proactive Coping as a Mediator

Chung-Wei Lin | *National Chengchi University*

Chao-Hsiang Hung | *National Chengchi University*

Min-Ning Yu | *National Chengchi University*

ICEPS- 67

Reduction of the Depression Caused by Work-Stress for Teachers: Subjective Well-Being as a Mediator

Chao-Hsiang Hung | *National Chengchi University*

Chung-Wei Lin | *National Chengchi University*

Min-Ning Yu | *National Chengchi University*

ICEPS- 69

The Effects of Contextual Support and Barriers onto the Model of Interest Development within the Social Cognitive Career Theory

Pei-Ching Chao | *National Chengchi University*

Ching-Hsuan Chang | *National Chengchi University*

Min-Ning Yu | *National Chengchi University*

ICEPS- 82

An Innovative Children Project

Lai Ha Freda Yuen | *The Hong Kong Institute of Education*

ICEPS- 88

Differential Impacts of Scaffoldings on Game-Based Learning

Ching-Huei Chen | *National Changhua University of Education*

ICEPS- 87

Examine the Effects of an Instruction in Self-Regulated Reading Strategies

Yu-Min Ku | *National Central University*

Han-Sheng Chang | *National Central University*

Chang-Jen Lin | *National Central University*

Sheng-Yao Tai | *National Central University*

ICEPS- 91

By HLM to Exploring the Relationships among the Cultural Capital, Learning Interesting in Science, Self-Confidence in Science, and Self-Expectancy Impacted on Science Achievement: Evidence from Taiwan's Male and Female Students

Fang-Chung Chang | *National Taipei University of Education*

ICEPS- 63

Do Boys Like Math and Science More than Girls? A Meta-Analysis in Taiwan

Ya-Yun Weng | *National ChengChi University*

Wei-Ting Lin | *National ChengChi University*

Pei-Ching Chao | *National ChengChi University*

Min-Ning Yu | *National ChengChi University*

ICEPS- 43

Evaluating and Rethinking the Gender Gap in Online Reading Comprehension

Mingchuan Hsieh | *National Academy for Educational Research*

Pei-Jung Hsieh | *National Academy for Educational Research*

Jin-Chang Hsieh | *National Academy for Educational Research*

Hong-Bin Ke | *National Academy for Educational Research*

ICEPS- 80

Applying TPACK Analysis to Promote English Learning in Online Communities at the Primary-School Level

Ming-Chou Liu | *National Dong Hwa University*

Pei-Shan Lan | *National Dong Hwa University*

ICEPS- 55

Effective Chinese Reading Intervention for Students with Learning Difficulties: Evidence from Synthesis of Taiwan's Single-Subject Design Researches

Jin-Chang Hsieh | *National Academy for Educational Research*

Ming-Chuan Hsieh | *National Academy for Educational Research*

Min-Ning Yu | *National Chengchi University*

IACSSM- 1746

A Theory of Common Various Factors, Seven Stages, and Educational Health Support for Prevention in Juvenile Murder Occurrence, from the Viewpoint of Health and Safety Education

Shinji Nakazono | *Biwako Seikei Sport College*

IACSSM-1841

The South Korea Ferry Disaster, Social Media Credibility, and Posttraumatic Stress Disorder (PTSD)

JiYeon Jeong | *Hongik University*

Nohil Park | *Cha University*

**Marketing/ Business & Economics / Finance/ Management /
Law/ Psychology / Communication**

でいごの間 Deigo Room

Thursday, July 30, 2015 11:00-12:00

ICEPS- 59

The Key Unlocks the Secret of Well-Being: The Positivity Ratio Does Matter

Min-Ning Yu | *National Chengchi University*

Jin-Chang Hsieh | *National Academy of Educational Research*

Po-Lin Chen | *Hsuan Chuang University*

ICEPS-75

**Subjective Well-Being as a Mediator among the Relationships of Positivity Ratio,
Proactive Coping, and Depression in Taiwan Teachers**

Yu-Hua Chen | *National Chengchi University*

Pei-Chun Chung | *National Chengchi University*

Meng-Ting Lu | *National Chengchi University*

Min-Ning Yu | *National Chengchi University*

ICEPS- 61

**What Does the Flourishing Student Mental Health Look Like: The Role of Mindfulness
and Psychological Capital on the Subjective Well-Being?**

Po-Lin Chen | *Hsuan Chuang University*

Min-Ning Yu | *National Chengchi University*

IACSSM- 1678

Long Memory Relationships in Stock and Option Prices

Teng-Ching Huang | *Asia University*

Heng-Chih Chou | *National Taiwan Ocean University*

IACSSM- 1683

**The Impact of Organizational Innovation on Firm Performance: An Empirical
Investigation of the Cosmetic Industry**

Ying Lien Lin | *National Cheng Kung University*

Hann Jang Hwang | *Chung Hwai University of Medical Technology*

IACSSM- 1685

Foreign Bank Participation, Market Concentration, Competition and Bank Performance - An Empirical Study of Asian Emerging Market

Ting-Kun Liu | *Chaoyang University of Technology*

IACSSM- 1714

Synergy of Combined Use of Stretch Target Costs and Concurrent Engineering: Creating Dynamic Tension for Target Cost Management

Eisuke Yoshida | *Keio University*

Keita Masuya | *Keio University*

IACSSM- 1732

A Study on Employing Interactive Technology in the Exhibition Design of the Culture of Glove Puppetry in Taiwan

Li-Shu Lu | *National Yunlin University of Science and Technology*

IACSSM- 1752

Innovative Oxymoron Design and Conversion in Product Use

Yung-Chin Tsao | *Tatung University*

Hung-Chou Liao | *Tatung University*

IACSSM- 1754

Ambivalence on Product Use

Yung-Chin Tsao | *Tatung University*

Yu-Cheng Lu | *Tatung University*

IACSSM- 1759

A Study on the Expressive Elements in Advertising Strategy

Takeshi Baba | *Kagoshima University*

IACSSM- 1773

A Study to Order Screening Mechanism for ETO Production Environment at Customer Enquiry Stage

Hwai-En Tseng | *National Chin-Yi University of Technology*

IACSSM- 1774

A Study of the Mobile Cloud Computing Design for Active Ageing on Ecotourism

Wen-Shan Chang | *National Yunlin University of Science and Technology*

Li-Shu Lu | *National Yunlin University of Science and Technology*

Jui-Sung Huang | *National University of Tainan*

IACSSM- 1776

Using Data Mining to Build Continuous Monitoring Mechanisms for Fraud Detection

Chia-Ming Sun | *National Yunlin University of Science and Technology*

Li-Cheng Zhang | *National Yunlin University of Science and Technology*

IACSSM- 1798

Empirical Verification of Tourists' Purchasing Souvenirs Behavior Model: Take Tamsui's Souvenirs as an Example

Chia-Ming Chang | *National Chiayi University*

Hsiu-Chin Huang | *Tatung Institute of Technology*

Tsung-Liang Lin | *Tatung Institute of Technology*

Yu-Yu Lu | *National Chiayi University*

IACSSM- 1811

Optimal Ordering Policy for Non-Instantaneously Deteriorating Inventory

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

Chia-Hung Chen | *Shu-Te University*

Wei-Guang Teng | *National Cheng Kung University*

ICEPS- 132

Recognition of Facial Emotions in Elderly Korean Adults

Yo-sup So | *Chungnam University*

Soo-Rim Noh | *Chungnam University*

ICEPS- 125

The Difference in The Memory of Performance By Inhibition And Interference Strategy in The Intentional Forgetting

Songhee Kim | *Chungnam National University*

Haeyoung Bang | *Chungnam National University*

Yoonki Min | *Chungnam National University*

IACSSM- 1704

Analyst Earnings Forecasts and Managerial Ability in Family Firms

Shuhui Sue | *National Taichung University of Science and Technology*

Chien-Ju Lu | *Yuan Ze University*

Hui-Chun Huang | *National Taichung University of Science and Technology*

IACSSM- 1833

A Two-Echelon Supply Chain Management System for Fashion Products with Decreasing Price and Demand Rate under Considering a LIFO Order Fulfilment Policy

Jonas C.P. Yu | *Takming University of Science and Technology*

IACSSM- 1836

Korean Public Relations Practitioners' Perceptions of Their Job Roles

JiYeon Jeong | *Hongik University*

IACSSM- 1846

Anger Mediates Health Journalist's Perceptions of Conflict Issues

JiYeon Jeong | *Hongik University*

IACSSM- 1847

Exploring Moderating Factors that Affect Health Journalists Perceptions of Conflict

JiYeon Jeong | *Hongik University*

IACSSM- 1842

Issues Faced by the 2.5-Dimensional Musical Market during Expansion

Miyu Homma | *Chiba Institute of Technology*

Masao Toyama | *Chiba Institute of Technology*

IACSSM- 1859

A Study on the Role of Romance-Driven Games for Game Users

Kei Ito | *Chiba Institute of Technology*

Masao Toyama | *Chiba Institute of Technology*

IACSSM- 1872

A Study on the Self-Perceived Health Status, Health Behavior and Self-Medicated Behavior

Rose Su-Jung Lin | *Ching Kuo Institute of Management and Health*

Jia-Qian You | *Keelung Chang Gung Memorial Hospital*

Sheng-Hui Kao | *Ching Kuo Institute of Management and Health*

**Civil Engineering /Mechanical Engineering/ Material Science
and Engineering/ Fundamental and Applied Sciences**

でいごの間 Deigo Room

Thursday, July 30, 2015 13:30-14:30

ISCEAS- 644

Analysis of GPS Water Vapor and Dust Particle

Dong Seob Song | *Kangwon National University*

ISCEAS-539

Investigation of Mode I Fracture Toughness and Fracture Process Zone of Rock-Like Material with Continued Thermo-Induced Damage under Semi-Circular Bend Using Acoustic Emission Technique

Hung-Wei Liu | *National Taipei University of Technology*

Li-Hsien Chen | *National Taipei University of Technology*

Yao-Chung Chen | *National Taiwan University of Science and Technology*

Yu-Cheng Chang | *Raiteku Co. Ltd., Taiwan*

ISCEAS-599

**A Nonselective COX Inhibitor as a Potential Imaging Agent for Brain Tumor:
Preparation and Biological Evaluation of a Positron Emitter Tracer [¹⁸F]Fluorooctyl
Fenbufen Amide**

Chung-Shan Yu | *National Tsinghua University*

Ho-Lien Huang | *National Tsinghua University*

ISCEAS-569

The Magnetic Sensor Based on Air-Gap Long Period Fiber Gratings

Hung-Ying Chang | *Feng-Chia University*

Chuan-Ying Huang | *Feng-Chia University*

Gang-Show Fan | *Feng-Chia University*

Hao-Jan Sheng | *Feng-Chia University*

Wen-Fung Liu | *Feng-Chia University*

Ming-Yue Fu | *Air Force Academy, Taiwan, R.O.C.*

ISCEAS-604

Optimal Lighting Conditions for In Vitro Cultivation of Cinnamomum Kanehirae with Controllable Artificial Lighting Driver

Hau-Chen Yen | *Far East University*

Yu-Jen Chen | *National Sun Yat-Sen University*

Yao-Ching Hsieh | *National Taiwan University of Science and Technology*

Yong-Nong Chang | *National Formosa University*

Liang-Wen Ji | *National Formosa University*

ISCEAS-533

Effects of Electron Charge Density and Particle Size of Pt on Production of H₂ from Neat Alcohol over Alkali Titanate Nanotube-Supported Pt Photocatalysts

Chiu-Hsun Lin | *National Changhua University of Education*

ISCEAS-559

Densification of Gadolinia-Doped Ceria Diffusion Barriers by Sol-Gel Processing for IT-SOFCs

Sun-Dong Kim | *Korea Institute of Energy Research*

Hyung-Jong Choi | *Korea Institute of Energy Research*

Doo-Son Seo | *Korea Institute of Energy Research*

Sang-Kuk Woo | *Korea Institute of Energy Research*

ISCEAS-623

Facile Fabrication of Porous Cr-Doped SrTiO₃ Nanotubes by Electrospinning and Their Enhanced Visible-Light-Driven Photocatalytic Properties

Wing Kei Ho | *Teh Hong Kong Institute of Education*

Dong Fang Hou | *Teh Hong Kong Institute of Education*

ISCEAS-593

Toxic Gas Detecting Behavior of Film Type Colorimetric Sensor

Dong June Chung | *Sungkyunkwan University*

Seung Kyun Yoon | *Sungkyunkwan University*

Sung Yeol Kim | *Sungkyunkwan University*

Jungho Ahn | *Sungkyunkwan University*

ISCEAS-658

High Performance Broadband Microwave Absorption of Co-CNF Composite for High Frequency Range X-Band

Jae Ryung Choi | *Korea Institute of Materials Science*

Jin Bong Kim | *Korea Institute of Materials Science*

Sang Bok Lee | *Korea Institute of Materials Science*

ISCEAS-617

Highly Sensitive Photo-Switchable Azobenzene-Based Film for OFET-Type UV Sensors

Kang Eun Lee | *Korea Institute of Materials Science (KIMS)*

Sang-Su Yoon | *Korea Institute of Materials Science (KIMS)*

Wonoh Lee | *Korea Institute of Materials Science (KIMS)*

Moon Kwang Um | *Korea Institute of Materials Science (KIMS)*

Jea Uk Lee | *Korea Institute of Materials Science (KIMS)*

ISCEAS-648

Cordierite/ZnO composites using ZnO filler of various size for high thermal conduction packages application

Jimin Kang | *Kyonggi University*

Seunggu Kang | *Kyonggi University*

ISCEAS-602

Evaluation of Measurement Uncertainty for Humidity Sensor Based on Dew Point Variation Using CMH and SPRT

Yun Kyung Bae | *Korea Testing Laboratory*

Dong-Hoon Hyun | *Korea Testing Laboratory*

Dong-Eun Lee | *Korea Testing Laboratory*

ISCEAS-595

Discrete Time Robust Control for a Vacuum System

Shih-Chung Chang | *National Chiao Tung University*

Yuh-Che Tang | *National Chiao Tung University*

An-Chen Lee | *National Chiao Tung University*

ISCEAS-688

Temperature Response of Biological Phantom according to Light Irradiation

Dong Guk Ko | *Chonbuk National University*

Ik-Tae Im | *Chonbuk National University*

ISCEAS-675

Flow and Heat Transfer Characteristics of Nanofluids in a Microchannel

Chien-Hsin Chen | *National Formosa University*

Mu-Tsun Tsai | *National Formosa University*

ISCEAS-632

Mode Switching Dynamics of a SI/HCCI Free-Piston Engine Generator with Electric Mechanical Valves

Chia-Jui Chiang | *National Taiwan University of Science and Technology*

Ting-Fu Kuo | *National Taiwan University of Science and Technology*

Jing-Long Yang | *Hua-Chuang Automobile Information Technical Center Co., Ltd.*

Wen-Shu Chiang | *Industrial Technology Research Institute*

Bo-Liang Chen | *Industrial Technology Research Institute*

ISCEAS-699

Thermal and Structural Analysis of an Injection Unit in an Injection Molding Machine

Min-Young Lyu | *Seoul National University of Science & Technology*

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

Tae-Gyun Choi | *Seoul National University of Science & Technology*

Jeong-Woo Woo | *Seoul National University of Science & Technology*

Gang-Hyuck Rhee | *Woojin Plaimm*

Yun-Hyo Nam | *Woojin Plaimm*

ISCEAS-682

A Framework for Qualifications of Equipment Survivability under The Severe Accident Condition

Kyung Ha Ryu | *Korea Institute of Machinery and Materials*

Tae Hyun Lee | *Korea Institute of Machinery and Materials*

Sang Hyuk Lee | *Korea Institute of Machinery and Materials*

Sang Kyo Kim | *Korea Institute of Machinery and Materials*

Jae Hyoung Kim | *Korea Institute of Machinery and Materials*

ISCEAS-745

A Study on the Design for the Extrusion of Rubber Sheet Using Computer Simulation

Tae-Gyun Choi | *Seoul National Univ. of Science & Technology*

Min-Young Lyu | *Seoul National Univ. of Science & Technology*

ISCEAS-746

A Framework for Qualifications of Equipment Survivability under The Severe Accident Condition

Jeong-Woo Woo | *Seoul National Univ. of Science & Technology*

Min-Young Lyu | *Seoul National Univ. of Science & Technology*

ISCEAS-747

A Framework for Qualifications of Equipment Survivability under The Severe Accident Condition

Min-A Lee | *Seoul National Univ. of Science & Technology*

Min-Young Lyu | *Seoul National Univ. of Science & Technology*

Dong-Jin Shin | *Desco*

Tae-Kyun Kim | *Hyunjoo In-tech*

ISCEAS-766

Fabrication and Design of Electromagnetic Component and Matching Circuits for Wireless Power Transfer

Ho Chang | *National Taipei University of Technology*

Da-Sheng Lee | *National Taipei University of Technology*

Min-Hsiang Chang | *National Taipei University of Technology*

**Computer and Information Sciences /Electrical and
Electronic Engineering / Fundamental and Applied Sciences /
Material Science and Engineering / Mechanical Engineering**

でいごの間 Deigo Room

Thursday, July 30, 2015 14:45-15:45

APICENS-1256

Personal Verification Using Electrostatic Induction Generated due to Walking Motion

Koichi Kurita | *Kinki University*

APICENS-1239

Evaluation of Form Errors

Yi-Chih Hsieh | *National Formosa University*

Peng-Sheng You | *National Chiayi University*

Yung-Cheng Lee | *WuFeng University*

Ta-Cheng Chen | *National Formosa University*

ISCEAS-603

Behavior-Based Application Management on Android Smartphones

Hyo-Joong Suh | *The Catholic University of Korea*

ISCEAS-542

A PNN Approach of Spoofing Face Detection on High Resolution Displays

Chin Lun Lai | *Oriental Institute of Technology*

Chiu Yuan Tai | *Oriental Institute of Technology*

ISCEAS-585

**Efficient Scalable High-efficiency Video Coding (SHVC) Using Temporal-Spatial
Searching Order Algorithm**

Chou-Chen Wang | *I-Shou University*

Yi-Han Lin | *National Sun Yat-sen University,*

ISCEAS-672

Perceptibility of Deformed Tactile Japanese Characters

Shiho Harano | *The University of Electro-Communications*

Akiya Takizawa | *The University of Electro-Communications*

Kazuyuki Mito | *The University of Electro-Communications*

ISCEAS-611

Implementation and Evaluation of Visible Light OFDM Signal Processing on PSoC Microcontroller

Xia Qirui | *Shinshu University*

Yuta Yonezawa | *Shinshu University*

Fumihito Sasamori | *Shinshu University*

Osamu Takyu | *Shinshu University*

Shiro Handa | *Shinshu University*

ISCEAS-610

Performance Evaluation of M-ary SS/OFDM Systems with Short Spread Spectrum Codes

Shinji Fujimaki | *Shinshu University*

Yusuke Mizukura | *Shinshu University*

Fumihito Sasamori | *Shinshu University*

Osamu Takyu | *Shinshu University*

Shiro Handa | *Shinshu University*

ISCEAS-579

Intersection Imaging Recognition with Using Color Segmentation

Yu-Kung Chen | *Huafan University*

Kuan-Jung Chen | *Huafan University*

ISCEAS-646

3D Representation of Human Feelings to Sound Stimuli

Toshifumi Sugiura | *Shizuoka University*

Xi Chen | *Shizuoka University*

Yoshimitsu Okita | *Shizuoka University*

Yoko Mizutani | *Shizuoka University*

Hisashi Hirata | *Shizuoka University*

ISCEAS-663

Differential Spatial Modulation for MIMO Communication Systems

Chi-Hsiao Yih | *Tamkang University*

Yin-Hung Tan | *Tamkang Universit*

ISCEAS-557

Comparison of Structural and Electrical Characteristics of Ho₂O₃ and HoTiO₃ Gate Dielectrics for InGaZnO Thin-Film Transistors

Tung-Ming Pan | *Chang Gung University*

Ching-Hung Chen | *Chang Gung University*

Hong-Jun Wang | *Chang Gung University*

I-Chin Huang | *Chang Gung University*

Keiichi Koyama | *Kagoshima University*

ISCEAS-556

Impact of Postdeposition Annealing on Structural Properties and Sensing Characteristics of Tb₂Ti₂O₇ Sensing Films

Tung-Ming Pan | *Chang Gung University*

Chih-Wei Wang | *Chang Gung University*

Han-Xuan Xie | *Chang Gung University*

Tai-Min Wang | *Chang Gung University*

Lifeng Chi | *Westfälische Wilhelms-Universität*

ISCEAS-546

Quantum Interference Effect on the Thermoelectric Properties of Quantum Dot Molecules

Ming Ting David Kuo | *National Central University*

ISCEAS-570

A High-Sensitivity Dual-Axis Fiber Inclinometer Based on Two Chirped Fiber Gratings

Chin-Chi Liu | *Feng-Chia University*

Li-Wei Chen | *Feng-Chia University*

Wen-Fung Liu | *Feng-Chia University*

Hung-Ying Chang | *Feng-Chia University*

Ming-Yue Fu | *Air Force Academy, Taiwan, R.O.C.*

Kuan-Ting Li | *Feng-Chia University*

Hsing-Cheng Chang | *Feng-Chia University*

ISCEAS-665

Rhythm Clustering for the Original Songs of “Kagaya Miyamoto Shiki” Music Therapy

Tien-Hui Luo | *Mackay Junior College of Medicine, Nursing, and Management*

Chih-Hsu Hsu | *Ching Kuo Institute of Management and Health*

ISCEAS-601

The Relationships between the 20130327 Earthquake and 20130602 Earthquake and the Influences on Seismicity in Central Taiwan

Boi-Yee Liao | *National Chi-Nan University*

ISCEAS-713

Quantum Dot Encapsulated in A Polymeric Microcapsule for Photo-Transformation Film in Display Applications

Hyo-Sun Kim | *Sejong University*

Sang-Yul Park | *Sejong University*

Hyo-Jung Lee | *Sejong University*

Young-Soo Seo | *Sejong University*

ISCEAS-730

Efficiency and Stability of Arc-Evaporated Carbon Counter Electrode in A Dye Sensitized Solar Cell Based on Inorganic and Organic Electrolyte

Wasan Maiaugree | *Khon Kaen University*

Apishok Tangtrakarn | *Khon Kaen University*

Vittaya Amornkitbamrung | *Khon Kaen University*

ISCEAS-740

The Flow Fields in Double-Inlet Sudden Expansion Channels

Chien-Hsiung Tsai | *National Pingtung University of Science and Technology*

Jyun-Sheng Wang | *National Pingtung University of Science and Technology*

Sheng-Yen Hsu | *National Pingtung University of Science and Technology*

ISCEAS-743

A Novel Model to Estimate the Thermal Conductivity of Composite Material

Yu-Wei Liu | *National Taiwan University*

Yun-Ching Leong | *National Taiwan University*

Chen-Kang Huang | *National Taiwan University*

ISCEAS-733

The Performance of MIMO System Using the Relay with Multi-Antennas

Chan Kyu Kim | *Hanbat University*

Environmental Sciences / Biomedical Engineering /

Natural Science

でいごの間 **Deigo Room**

Thursday, July 30, 2015 16:00-17:00

APICENS- 1262

LC-MS Method Development and Occurrence Studies of Antibiotic Residues in Environmental Waters

Kelvin Sze Yin Leung | *Hong Kong Baptist University*

APICENS- 1242

Identification of Novel Chimeric Transcripts Associated with Human-Specific Retroposed Gene Copies

Shunsuke Suzuki | *Shinshu University*

APICENS- 1266

Mystery of Bamboo's Structure - What is The Optimal Internode Configuration in Bamboo?

Hiroyuki Shima | *University of Yamanashi*

Takeshi Furuya | *University of Yamanashi*

Keiko Okamoto | *University of Yamanashi*

Motohiro Sato | *Hokkaido University*

Akio Inoue | *Prefectural University of Kumamoto*

ISCEAS-566

Membrane Interaction of Analgesic Agents as Their Mode of Action: A Possible Clue to Discover Drug Leads

Hironori Tsuchiya | *Asahi University School of Dentistry*

Maki Mizogami | *University of Fukui Faculty of Medical Sciences*

ISCEAS-704

Thumbnail Strain in Grasping a Cylindrical Object — Effects of Object Size and Thumb Pressing Force

Satoshi Shimawaki | *Utsunomiya University*

Yasumasa Konno | *Utsunomiya University*

ISCEAS-573

Study of Drug Immobilization and Release on Polymer-Covered Stent by Using Plasma-Polymerization

Yeong-Mu Ko | *Chosun University*

Geon-Soo Shin | *Chosun University*

Byung-Hoon Kim | *Chosun University*

ISCEAS-545

Myocardial Repair with Mesenchymal Stem Cells and Graphene

Byung-Soo Kim | *Seoul National University*

ISCEAS-633

Evaluation of Muscle Fatigue by Surface Electromyogram during Static and Dynamic Contractions

Aya Shirai | *The University of Electro-Communications*

Kazuyuki Mito | *The University of Electro-Communications*

Naoaki Itakura | *The University of Electro-Communications*

Tota Mizuno | *The University of Electro-Communications*

ISCEAS-509

The Healing Potential of Biomimetic Periosteum and Sheds for Bone Regeneration

Wen-Ta Su | *National Taipei University of Technology*

ISCEAS-666

Pitch Estimation Based on Neural Network for Music Therapy

Tien-Hui Luo | *Mackay Junior College of Medicine, Nursing, and Management*

Chih-Hsu Hsu | *Ching Kuo Institute of Management and Health*

ISCEAS-619

Sound Transmission through Perforated Sound Absorber

Goto Hayato | *Sojo University*

Nasu Tsunetoshi | *Kumamoto University*

Horibe Noriko | *Sojo University*

Nishimura Sohei | *Kumamoto National College of Tech*

Nishimura Yuya | *Kumamoto National College of Tech*

ISCEAS-683

PM10 Emissions Reduction from Exposed Areas Using Grass-Planted Covering: Field Study of a Construction Site in Taiwan

Chih-Mei Chou | *JinWen University of Science Technology*

ISCEAS-722

Study on the Factor Analysis For The Decline of the Central City Area

Nasu Tsunetoshi | *Kumamoto University*

Iki Kazuhisa | *Kumamoto University*

Homma Riken | *Kumamoto University*

Onishi Yasunobu | *Kumamoto University*

ISCEAS-698

Biodegradation Kinetics Study of Achromobacter Xylooxidans in Diesel Contaminated Soil

Min-Hsin Liu | *Chaoyang University of Technology*

Cyuan-Fu Tsai | *Chaoyang University of Technology*

Yi-Jing Huang | *Chaoyang University of Technology*

Jia-Hui Chang | *Chaoyang University of Technology*

Wan-Pin Wu | *Chaoyang University of Technology*

ISCEAS-715

Microbial Activity Study in Wind-Driven Bioventing System

Min-Hsin Liu | *Chaoyang University of Technology*

Jia-cheng Wang | *Chaoyang University of Technology*

Xin-Wei Chen | *Chaoyang University of Technology*

Jyun-Sian Huang | *Chaoyang University of Technology*

Guo-You Wang | *Chaoyang University of Technology*

