

Conference Program

January 8-10, 2019

Taipei, Taiwan

IRCET

**International Research Conference on Engineering
and Technology**

ISBASS

**International Symposium on Business and Social
Sciences**

IRCET

International Research Conference on Engineering and Technology

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ISBASS

International Symposium on Business and Social Sciences

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Welcome Message



Local Host

Dr. Kuan-Chen Cheng

Institute of Biotechnology
National Taiwan University

Dear Colleagues,

On behalf of the organizing committee, it is our great pleasure to invite you to the joint conference of IRCET and ISBASS, which will be held at Grand Victoria Hotel in Taipei, Taiwan during January 8-10, 2019. It is proud that the conference of IRCET, has been held annually without any interruption since 2015. And yet, ISBASS has been held since 2013. The involvement of all participants in the IRCET and ISBASS render it more influence and helpful for building up international relations and collaborations. With such an elated tradition, we are sure that the joint conference of IRCET and ISBASS, will be a suitable platform for exchanging information, sharing ideas and developing knowledge of current issues. I would like to thank all the members of the organizing committee, the conference sponsors and the staff who contribute their time and efforts to prepare the joint conference. Moreover, I would like to extend my thanks to the keynote and invited speakers, as well as those participants who will be sharing their work and experience through presentations and posters. We sincerely hope you will enjoy the conference and your stay in the exciting environment of Taipei, Taiwan, which is one of the most exciting of all Asian metropolises.

Looking forward to seeing you soon.

Thank You,
Dr. Kuan-Chen Cheng

General Information for Participants

■ **Registration**

The registration desk will be situated on the **3F** at the **Grand Victoria Hotel** during the following time:

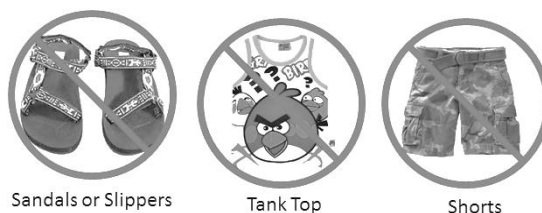
09:00-11:00 Tuesday, January 8, 2019

08:30-16:00 Wednesday, January 9, 2019

08:30-12:00 Thursday, January 10, 2019

■ **A Polite Request to All Participants**

Participants are requested to arrive in a timely fashion for all addresses. Presenters are reminded that the time slots should be divided fairly and equally by the number of presentations, and that they should not overrun. The session chair is asked to assume this timekeeping role and to summarize key issues in each topic.



■ **Certificate**

Certificate of Presentation or Certificate of Attendance

A certificate of attendance includes participant's name and affiliation, certifying the participation in the conference. A certificate of presentation indicates a presenter's name, affiliation and the paper title that is presented in the scheduled session.

Certificate Distribution

Oral presenters will receive a certificate of presentation from the session chair after their presentations or at the end of the session. Poster presenters will receive a certificate of presentation from the conference staff at the end of their poster session.

The certificate of presentation will not be issued, either at or after the conference, to authors whose papers are registered but not presented. Instead, the certificate of attendance will be provided after the conference.

■ **Preparation for Oral Presentations**

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 you to bring two copies of the file in case that one fails. You may also connect your own laptop to the provided projector; however please ensure you have the requisite connector.

Preparation for Poster Presentation

Materials Provided by the Conference Organizer:

1. X-frame display & base fabric canvases (60cm×160cm)
2. Adhesive tapes or binder clips

Materials Prepared by the Presenters:

3. Home-made poster(s)
4. Material: not limited, can be posted on the canvases
5. Recommended poster 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)

International Committees of Natural Sciences

Abhishek Shukla	R.D. Engineering College Technical Campus	India
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Ramayah Thurasamy	Universiti Sains Malaysia	Malaysia
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Shiv Prasad	Maharshi Dayanand Saraswati University	India
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Soon SONG	Wonkwang University	South Korea
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Sunil Kumar	Alliance University	India
T.S.Devaraja	University of Mysore, Hemagangothri Campus	India
Tan Khay Boon	SIM Global Education	Singapore
Theeraphab Phetmalaikul	Srinakharinwirot University	Thailand
Vijayaletchumy Subramaniam	Universitas Putra Malaysia	Malaysia
Wang Yu-Shan	National Kaohsiung First University of Science and Technology	Taiwan
Wei-Cheng Mau	Wichita State University	USA
Yong-Ho Kim	Pukyong National University	South Korea
Yong-Taek Rhim	Namseoul University	South Korea

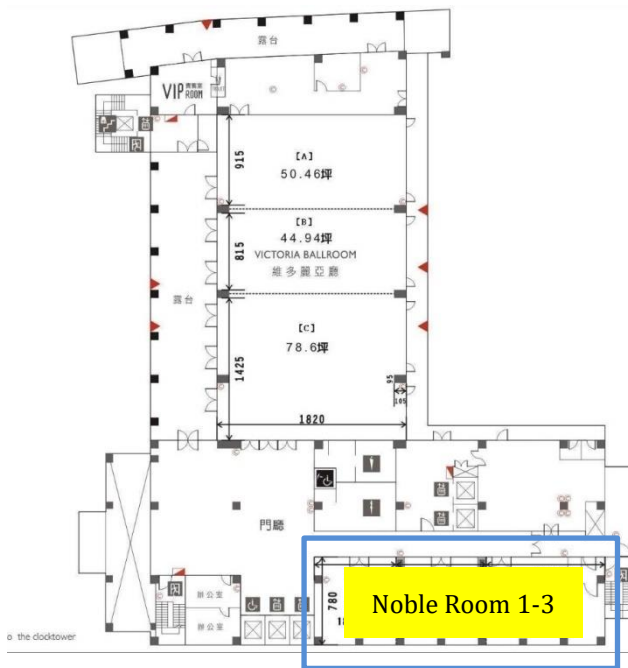
Conference Venue Information

Grand Victoria Hotel

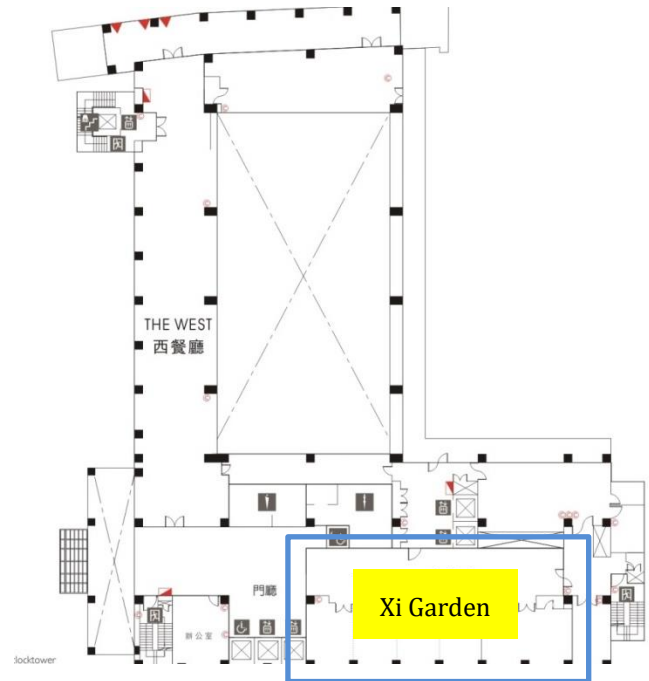
No.168, Jingye 4th Rd., Zhongshan Dist., Taipei City, Taiwan

TEL: +886-2-8502-0000

The 3rd Floor Plan



The 2nd Floor Plan



Registration: Noble Room 3, 3F on Jan. 8

Pre-Function Area, 3F on Jan. 9-10

Oral Session: Noble Room 1-3, 3F

Poster Session: Noble Room 3, 3F

Tea Break & Networking: Pre-Function Area, 3F

Lunch: Xi Garden, 2F

Transportation

From Taiwan Taoyuan International Airport to Grand Victoria Hotel

A. Taxi

It takes approximately 50-60 minutes to Grand Victoria Hotel and costs average 40 USD (1,200 NTD).

B. MRT

1. Take Taoyuan Airport MRT Line from Airport Terminal 2 or 1 Station to Taipei Main Station Station.
2. Exchange to Wenhua Line 4 from Taipei Main Station Station to Jiannan Rd. Station (Exit 3).
3. Take Exit 3 and head East on Beian Rd. toward Jingye 3rd Rd.
4. Turn right onto Jingye 4th Rd.
5. The hotel will be on the left.
(5 mins walk from Exit 3)

From Taipei Main Station to Grand Victoria Hotel

A. Taxi

It takes approximately 15-20 minutes to Grand Victoria Hotel and costs average 12 USD (360 NTD).

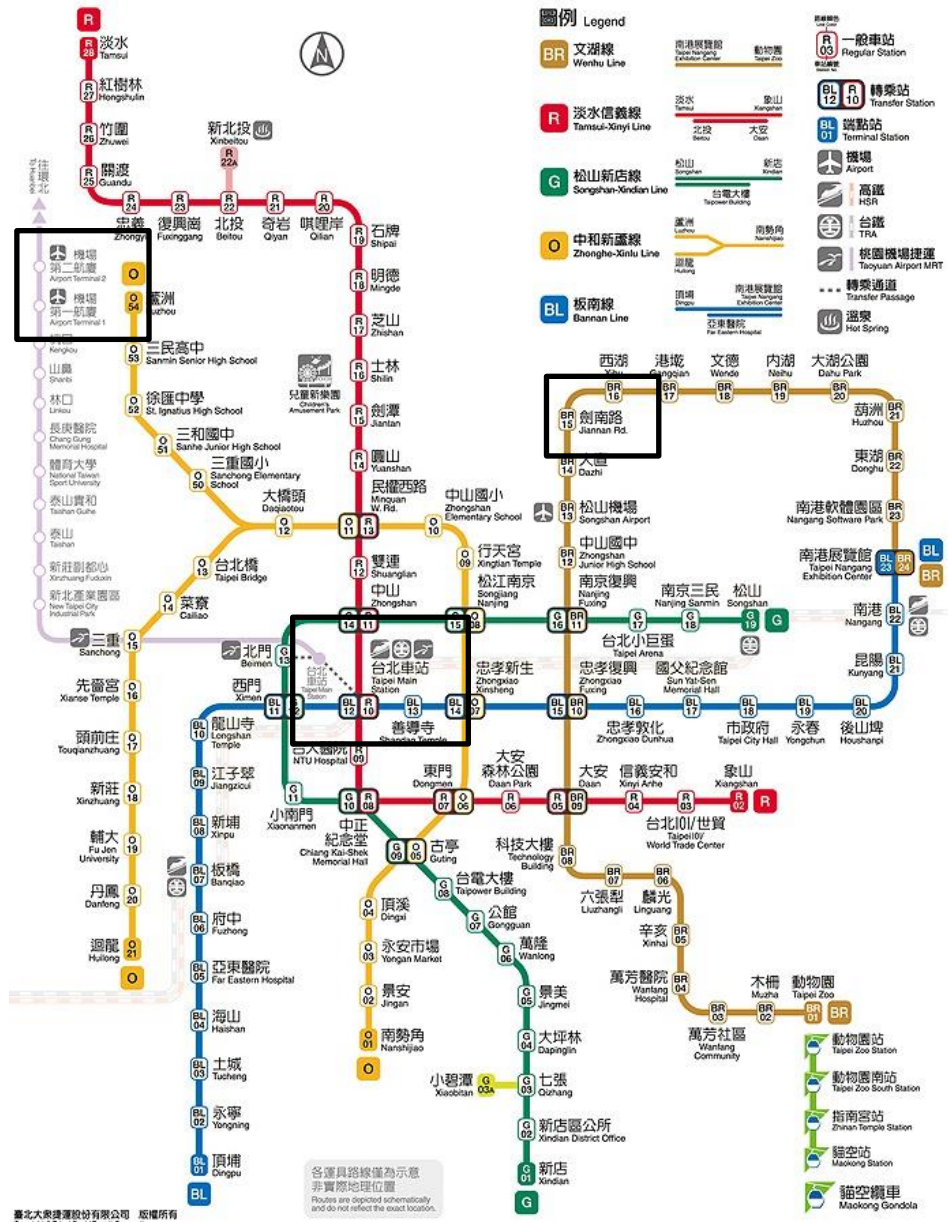
B. MRT

With reference to the subject mentioned above.

Access to Grand Victoria Hotel by bus

1. There are dozens of bus lines pass the Grand Victoria Hotel including lines 21, 222, 247, 267, 286, 287, 620, 646, 72, 902, Red 2, Brown 16, Blue 26, Blue 7 and others.
2. Get off at the Miramar Bus Stop and walk onto Legun 3rd Rd. toward Jingye 4th Rd.
3. Turn left onto Jingye 4th Rd.
4. The hotel will be on the right.

Taipei MRT Map



Conference Schedule

Tuesday, January 8, 2019		
Time	Schedule	Venue
09:00-11:00	Pre-Registration	Noble Room 3, 3F
09:20-09:30	Gathering for Technical Tour (optional)	Pre-Function Area, 3F
09:30-12:00	Technical Tour (optional)	National Taiwan Univ.

Wednesday, January 9, 2019		
Oral Session		
Time	Schedule	Venue
08:30-16:00	Registration	Pre-Function Area, 3F
09:00-10:30	Education (1)/ Social Studies (1)/ Humanities and Culture Studies/	Noble Room 1, 3F
	Civil Engineering (1)	Noble Room 2, 3F
10:30-10:45	Tea Break & Networking	Pre-Function Area, 3F
10:45-12:15	Social Sciences Keynote Address [1] Prof. Mei-Fang Cheng <i>Topic: The New Integrated Early Childhood Education and Care System in Taiwan</i> [2] Dr. Tracy T. H. Tsai <i>Topic: Marketing in Homo Ex Data</i>	Noble Room 1, 3F
	Natural Sciences Keynote Address [1] Dr. Ching-Ju Chiu <i>Topic: How Information and Communication Technology Help Older Adults Living in the Internet Era? Perspectives and Experiences of the Elderly in Taiwan</i> [2] Dr. Chin-Tung Cheng <i>Topic: Seismic Behavior of Structures Base-isolated with Rocking Bearing</i>	Noble Room 2, 3F
12:15-13:15	Lunch Time	Xi Garden, 2F
13:15-14:45	Business & Management (1)	Noble Room 1, 3F
	Chemical Engineering/ Power & Engineering/ Biological Engineering/ Civil Engineering (2)	Noble Room 2, 3F

Wednesday, January 9, 2019		
Oral Session		
Time	Schedule	Venue
14:45-15:00	Tea Break & Networking	Pre-Function Area, 3F
15:00-16:30	Politics/ Finance/ Law/ Economics	Noble Room 1, 3F

Wednesday, January 9, 2019		
Poster Session		
Time	Schedule	Venue
13:30-14:20	Poster Session (1) Civil Engineering/ Electrical and Electronic Engineering/ Chemical Engineering/ Materials Sciences and Engineering/ Biological Engineering/ Information Engineering and Technology	Noble Room 3, 3F
14:30-15:20	Poster Session (2) Finance/ Education/ Psychology/ Communication/ Business & Management	Noble Room 3, 3F

Thursday, January 10, 2019		
Oral Session		
Time	Schedule	Venue
08:30-12:00	Registration	Pre-Function Area, 3F
09:00-10:30	Education (2)	Noble Room 2, 3F
	Social Studies (2)/ Communication/ Literature and Linguistics/ Psychology	Noble Room 3, 3F
10:30-10:45	Tea Break & Networking	Pre-Function Area, 3F
10:45- 12:15	Business & Management (2)	Noble Room 2, 3F
	Computer Engineering and Technology/ Information Engineering and Technology/ Civil Engineering (3)	Noble Room 3, 3F
12:15-13:15	Lunch Time	Xi Garden, 2F

Social Sciences Keynote Address (1)

Noble Room 1

10:45-12:15, Wednesday, January 9, 2019

Topic:

The New Integrated Early Childhood Education and Care System in Taiwan

Prof. Mei-Fang Cheng

Assistance Professor

University of Kang Ning Taipei Campus



Abstract

Prior to 2012, the ECE (early childhood education) and ECC (early childhood care) fields were two different but overlapping entities in Taiwan. Preschoolers aged 4 to 6 years could enroll in kindergartens with teachers or in daycares with educators. Each entity had different requirements that were governed by different public systems and possessed different teacher training programs. To provide a uniform approach to quality ECEC (early childhood education and care) services, considerable emphasis was placed on integrating ECE and ECC practices. After a 14-year period of debate and discussion, a new law was legislated in 2012. The new integrated early childhood education and care system were finally set up. This speech will focus on several ECEC issues in Taiwan: the evolution and current state of ECEC in Taiwan, the framework of the ECEC curriculum, the integrated curriculum approach and common models, preschool evaluation mechanism, training of preschool educators, future directions, and a few final remarks.

Social Sciences Keynote Address (2)

Noble Room 1

10:45-12:15, Wednesday, January 9, 2019

Topic:

Marketing in Homo Ex Data

Dr. Tracy T. H. Tsai

Assistant Professor

Takming University of Science and Technology



Abstract

This presentation will explain the definition of the marketing, emphasize the value creating, transforming, and communicating. Then, bringing out the problem-based learning processing with the design thinking, meanwhile sharing past researching papers about: resources base view, marketing orientation, dynamic capabilities; creativities; experimental marketing etc. Ending with the social community effects, and how we can make it different as the scholars' social community, and create the value we want. Blessing everyone with the gaming mentality.

Natural Sciences Keynote Address (1)

Noble Room 2

10:45-12:15, Wednesday, January 9, 2019

Topic:

How Information and Communication Technology Help Older Adults Living in the Internet Era? Perspectives and Experiences of the Elderly in Taiwan

Dr. Ching-Ju Chiu

Associate Professor

National Cheng Kung University



Abstract

The use of Information and Communication Technology (ICT) has greatly facilitated people to live and work in the current society. In particular, the elderly has become the fastest growing population using the ICT. The ICT has a variety of functions, such as gather information, social networks and communication interactions. The trend of using the ICT as a conduit for information provision and communication, as well as complemented the growing demand for medical health for the greying population became a global experience. However, to achieve the goal of improving health, preventing or delaying the progression of chronic conditions, it is of great importance to recognize how the use of technology networks can really provide an effective health information acquisition channel for the elderly, and really facilitate the health behavior of the elderly. The spectrum of using the ICT-related products among older adults varies a lot. Whether ICT-related technology improved older adults' quality of life, how current technology might help for older adults with declining physical and mental functions, and those living with comorbidities, loneliness, and weak economic conditions, are quires to be answered by research. This talk will aggregate results of observational and interventional empirical ICT related research among older Taiwanese to proffer discussions regarding the next frontiers between ICT and the aging society.

Natural Sciences Keynote Address (2)

Noble Room 2

10:45-12:15, Wednesday, January 9, 2019

Topic:

Seismic Behavior of Structures Base-isolated with Rocking Bearing

Dr. Chin-Tung Cheng

Professor

National Kaohsiung University of Science and Technology



Abstract

Literatures have shown that traditional sliding base-isolated systems may have long-period resonant-like response induced by a ground motion containing strong long-period frequency spectra. In this paper, a new type of isolator called variable-frequency rocking bearing is proposed. The system allows the bearing remains still under a moderate seismic load but start to rock back-and-forth during severe earthquakes. And the vibration is damped throughout each impact of the bearing on foundation surfaces or added frictional hinge damper. Based on the force-displacement relation and analytical damping of the system, seismic response of the structure may be estimated through a modified elastic response spectrum. The objective of the paper is to investigate seismic performance of this base-isolated structure subjected to uni-axial or bi-axial earthquake loads.

To validate the proposed idea, a one-story spaced structure with rocking-isolated bearing and frictional hinge damper was constructed and tested by a shaking table. Investigated parameters include an aspect ratio of the bearing, geometry of the rocking toe (line, spherical or higher order curve), stiffness of the restoring spring, with or without frictional hinge damper, and bi-directional earthquake wave forms of ground motion. Based on test results, the effect of investigated parameters on the seismic performance of the rocking structure is evaluated. And damping for each test is also theoretically analyzed and compared with measurements.

Keywords: Rocking, Base-isolation, Frictional Hinge Damper, Damping Ratio, Shaking Table Tests.

Oral Sessions

Education (1)/ Social Studies (1)/ Humanities and Culture Studies

Wednesday, January 9, 2019

09:00-10:30

Noble Room 1

Session Chair: *Prof. Chiharu Nakanishi*

ISBASS-0081

Faculty Development Program Model Based on Open Music Lessons

Chiharu Nakanishi | *Kunitachi College of Music*

Asako Motojima | *Kunitachi College of Music*

ISBASS-0053

Exploring Service-Learning Impact on Community Partners, Students, and Scholars:

Non-Professional Medical Interpreting in the Las Vegas Valley

Elena Gandia Garcia | *University of Nevada Las Vegas*

ISBASS-0066

Minority is Not Minor: Understanding Education Barriers of Ethnic Minority Undergraduate Students in Hong Kong

Emil Li | *Technological Higher Education of Institute*

ISBASS-0104

Migrant Women and SDGs: Access to Reproductive Health Services in Japan

Masako Tanaka | *Sophia University*

ISBASS-0108

Staging Ai Weiwei's "Trace" Exhibit in a New Museum Space by Tadao Ando, Chicago, Illinois

Daniel Joseph Whittaker | *Illinois Institute of Technology*

ISBASS-0140

The Annual Training Plan by the Competency Inventory – Taking Y Company as an Example

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

Chi Tai Shen | *National Changhua University of Education*

ISBASS-0139

How to Conduct Effective Job Analysis - Taking N Company as an Example

Ji-Ying Liang | *National Changhua University of Education*

Civil Engineering (1)

Wednesday, January 9, 2019

09:00-10:30

Noble Room 2

Session Chair: *Prof. Kai-Lin Hsu*

IRCET-0070

Proposal on Cost-Effective Mixing Design of Slag-Fly Ash Concrete

Kai-Lin Hsu | *National Kaohsiung University of Science and Technology*

IRCET-0043

Analysis of Continuous Driving Time Characteristics According to Various Traffic Factors

Jae-Young Park | *University of Seoul*

Do-Gyeong Kim | *University of Seoul*

Ji-Eun Ryu | *University of Seoul*

IRCET-0051

Effect of Cement Content on Compressive Strength of Soft Clay Stabilized by Fly Ash Geopolymer

Ratchanon Sakdinakorn | *Rajamangala University of Technology Isan*

Piyathida Yoosuk | *Rajamangala University of Technology Isan*

Cherdsak Suksiripattanapong | *Rajamangala University of Technology Isan*

IRCET-0052

Unit Weight, Strengths and Thermal Conductivity of Cement and Bottom Ash Lightweight Cellular Geopolymer

Kitsada Krosoongnern | *Rajamangala University of Technology Isan*

Piyathida Yoosuk | *Rajamangala University of Technology Isan*

Jaksada Thumrongvut | *Rajamangala University of Technology Isan*

Cherdsak Suksiripattanapong | *Rajamangala University of Technology Isan*

IRCET-0061

Analysis of Factors Influencing Village Bus Accidents in Seoul City Through Statistical Model Estimation

Ji-Eun Kwon | *University of Seoul*

Do-Gyeong Kim | *University of Seoul*

IRCET-0084

Effect of Strain Rate on the Tensile Properties of Polyamide Fiber and Hooked Steel Fiber Reinforced Cementitious Composite

Sangkyu Lee | *Chungnam National University*

Gyuyong Kim | *Chungnam National University*

Jeongsoo Nam | *Chungnam National University*

Euichul Hwang | *Chungnam National University*

Minjae Son | *Chungnam National University*

Hongseop Kim | *The University of Tokyo*

Business & Management (1)

Wednesday, January 9, 2019

13:15-14:45

Noble Room 1

Session Chair: *Prof. Tracy T. H. Tsai*

ISBASS-0062

Tourism Promotion Website for Kamphaeng Phet World Heritage City, Thailand

Praphol Chitkati | *Kamphaeng Phet Rajabhat University, Thailand*

ISBASS-0068

An Effective Advertisement Medium and Factors Affecting Consumers' Behaviors on Cosmetics Marketing in Japan

Michiko Miyamoto | *Akita Prefectural University*

Nanako Abe | *Akita Prefectural University*

ISBASS-0080

Quantifying Operations and R&D Capabilities: A New Measure and Impact Analysis

He-Boong Kwon | *Colorado State University-Pueblo*

ISBASS-0116

Exploring Career Adaptability in Vietnamese Context

Thuy Mai Dao | *Yuan Ze University*

Yuhuan Chang | *Yuan Ze University*

ISBASS-0124

Business-to-Business Selling with Tandem Needs in Mind

Yihui Elina Tang | *University of Illinois at Chicago*

ISBASS-0134

Practical Guidelines for the Implementation of Human Resource Information System

Guan Ming Chen | *National Changhua University of Education*

Anyi-Yi Chung | *National Changhua University of Education*

**Chemical Engineering/ Power & Engineering/ Biological Engineering/
Civil Engineering (2)**

Wednesday, January 9, 2019

13:15-14:45

Noble Room 2

Session Chair: *Prof. John P.T. Mo*

IRCET-0035

Investigation into the Feasibility of Geothermal Energy in Fiji

John P.T. Mo | *RMIT University*

Jason W. Quinlivian | *RMIT University*

IRCET-0028

Processing Virgin Polyolefin Polymers in a Newly Developed ‘Patent Claimed’ Reactor Setup for Fuel Oil Recovery

Sultan Majed Al-Salem | *Kuwait Institute for Scientific Research*

IRCET-0058

Anti-Inflammatory Effects of Rg3-RGE and Persicaria. Tinctoria Mixture in Oxazolone-Induced Colitis in Mice

Evelyn Saba | *Kyungpook National University*

Min Ki Kim | *Kyungpook National University*

Man Hee Rhee | *Kyungpook National University*

IRCET-0059

Ginsenoside-Rp3 Inhibits Platelet Activation and Thrombus Formation by Regulating MAPK and Cyclic Nucleotide Signaling

Muhammad Irfan | *Kyungpook National University*

Man Hee Rhee | *Kyungpook National University*

IRCET-0060

Elevated Anti-Inflammatory and Anti-Nociceptive Properties of Panax Ginseng Through Processing – Korean Black Ginseng

Yuan Yee Lee | *Kyungpook National University*

Evelyn Saba | *Kyungpook National University*

Man Hee Rhee | *Kyungpook National University*

IRCET-0085

**Effects of Compressive Strength on Mechanical Properties of SFRC Using High-Strength Steel
Fibers**

Seong-Hoon Lim | *Chungnam National University*

Ji-Hyeon Kim | *Chungnam National University*

Da-Ae Youn | *Chungnam National University*

Ah-Yeon Jang | *Chungnam National University*

Hyun-Do Yun | *Chungnam National University*

Politics/ Finance/ Law/ Economics

Wednesday, January 9, 2019

15:00-16:30

Noble Room 1

Session Chair: *Prof. Ryuichi Yamamoto*

ISBASS-0067

Limit Order Submission Risks, Order Choice, and Tick Size

Ryuichi Yamamoto | *Waseda University*

ISBASS-0055

Perceptions and Attitudes of the Rural People Towards the Existing Politics of Bangladesh: A Study of Selected Villages of Rajshahi District

Md. Sultan Mahmud | *Rajshahi University*

ISBASS-0056

A Comparison of Expenditure Patterns and Their Determinants of Low-Income and High-Income Baby Boomer Households in Korea

Min-Jeong Kim | *Sookmyung Women's University*

ISBASS-0071

Are Animal Rights and Legal Protection of the Environment Compatible?

Jose Luis Rey Pérez | *Comillas Pontifical University*

ISBASS-0106

The Study of the Decisive Factors and Strategies Concerning Early Retirement of Police: Age Management Perspective

Jen-Chia Chang | *National Taipei University of Technology*

Chia-Ying Lee | *National Taipei University of Technology*

ISBASS-0083

The Influence of Understanding the Code of Ethics on the Ethics of Tax Consultants (Case in Bandung City Indonesia)

Diana Sari | *Widyatama University*

Mellia Monica Yanuar | *Widyatama University*

ISBASS-0095

Reform of Bureaucracy and Implications for Good Corporate Governance Administration Law in Indonesia

Busrizalti | *Mpu Tantular University*

Education (2)

Thursday, January 10, 2019

09:00-10:30

Noble Room 2

Session Chair: *Prof. Raymond Bandlow*

ISBASS-0091

Strategic Plans Reveal the Need to Reinvent Teaching, Learning, and Schooling

Raymond Bandlow | *Gwynedd Mercy University*

ISBASS-0064

Is the Off-Campus Internship Program Able to Resolve the Mismatch Between Learning and Applying? Perspectives from Enterprises

Jen-Chia Chang | *National Taipei University of Technology*

Pai-Yen Wei | *National Taipei University of Technology*

ISBASS-0075

The Impact of Flipped Classroom in Writing Proficiency of English Language in Secondary School

Zhazira Kaldykulova | *Suleyman Demirel University*

Gulnar Kassymova | *Suleyman Demirel University*

Aibarsha Islam | *Suleyman Demirel University*

ISBASS-0087

A Study on the Efficiency of Using Film at Chapel - Focused on Baekseok University in Korea -

Deokman Kim | *Baekseok University*

ISBASS-0088

Christian Nurture and Revivalism: Horace Bushnell on Christian Education

Chunggwan Joo | *Baekseok University*

**Social Studies (2)/ Communication/ Literature and Linguistics/
Psychology**

Thursday, January 10, 2019

09:00-10:30

Noble Room 3

Session Chair: *Prof. Miu Ha Kwong*

ISBASS-0082

Critical Factors Determined Hong Kong Volunteer Counselors' Helping Responses to Disaster Victims in another Country: A Case Study

Miu Ha Kwong | *University of West Florida*

ISBASS-0061

Cultural Capital and Local Wisdom Thai Folk Song for Promoting Cultural Management in Lan-Dok-Mai Community Participation, Kamphaeng Phet, Thailand

Chayanan Sirikitsathiena | *Kamphaeng phet Rajabhat University, Thailand*

Weerawan Jangmo | *Kamphaeng phet Rajabhat University, Thailand*

Nongluk Chanpichai | *Kamphaeng phet Rajabhat University, Thailand*

Phathooramphai Praphatsorn | *Kamphaeng phet Rajabhat University, Thailand*

Suphachokchai Nanthasri | *Kamphaeng phet Rajabhat University, Thailand*

ISBASS-0090

'Us' and 'Them' in Stories of Local Protest: A Comparative Analysis of Newspaper Editorial Discourses

Momo K. Shibuya | *School of Humanities and Social Sciences, Saitama University*

ISBASS-0110

A Proposal for a New Type of Hotel-Style Nursing Home Management System in China

Yangzi Yuanyi | *Aichi Institute of Technology*

Takashi Kondoh | *Aichi Institute of Technology*

ISBASS-0057

Growing Girls in Chinese Children's Literature

Lijun Bi | *Monash University*

Xiangshu Fang | *Deakin University*

ISBASS-0112

Discrepant Selves: Self-Concept Clarity and Online Self-Presentation in Adults

Nicole Strimbu | *University College Dublin*

Michael O'Connell | *University College Dublin*

Business & Management (2)

Thursday, January 10, 2019

10:45-12:15

Noble Room 2

Session Chair: *Prof. Seongsu Kim*

ISBASS-0096

Managers' Personality and the Performance of Corporations

Seongsu Kim | *Seoul National University*

ISBASS-0103

An Analysis of Direct and Indirect Effects of Entrepreneurial Orientation and Innovativeness on Export Performance of SMEs in Thailand: Mediating Role of Dynamic Capabilities

Oranodj Ruepitiviriya | *Rajamangala University of Technology Thanyaburi*

Duangporn Puttawong | *Rajamangala University of Technology Thanyaburi*

ISBASS-0084

A Study on Business Succession in Small and Medium-Sized Chinese Enterprises

Yang Wang | *Aichi Institute of Technology*

Takashi Kondon | *Aichi Institute of Technology*

ISBASS-0127

The Study of Destination Image, Tourist Satisfaction, and Destination Loyalty of Muslim Tourism in Taiwan

Wenchieh Wu | *St. John's University*

Iza Guspian | *National Kaohsiung University of Science and Technology*

Mingyu Liao | *National Kaohsiung University of Science and Technology*

Ying-Fang Huang | *National Kaohsiung University of Science and Technology*

ISBASS-0135

E-Learning Improvement Scheme : Take Company E as a Case

Ting Yi Chen | *National Changhua University of Education*

Chi Tai Shen | *National Changhua University of Education*

ISBASS-0129

New Employee Orientation with Mentoring in Taiwan: A Case Study

Chia-Jui Chang | *National Changhua University of Education*

Tun-Chun Huang | *National Changhua University of Education*

**Computer Engineering and Technology/ Information Engineering and
Technology/ Civil Engineering (3)**

Thursday, January 10, 2019

10:45-12:15

Noble Room 3

Session Chair: *Prof. K. C. Wong*

IRCET-0069

An API Approach to Solving Undergraduate Operating Systems Projects

K. C. Wong | *Biola University*

IRCET-0054

Study on Weigh with Contour Image

Tanaporn Payommai | *Valaya Alongkorn Rajabhat University under the Royal Patronage*

IRCET-0046

**An Automated Musical Scoring System by Multi-Agent-Method for Japanese Traditional
Instruments Tsugaru Shamisen**

Juichi Kosakaya | *Hachinohe Institute of Tech.*

Reiko Kawamorita | *Hachinohe Institute of Tech.*

Kazuma Hanada | *Hachinohe Institute of Tech.*

Ming-Fang Hsu | *Central Taiwan University of Science & Tech.*

IRCET-0055

Research of ECU Software Update Scenario over OTA

Tae Hyung Kim | *Hanyang University*

Sungkwon Park | *Hanyang University*

IRCET-0082

Considering Access Characteristics of Applications in NVM Storage Accelerators

Hyokyung Bahn | *Ewha University*

IRCET-0086

Effects of Curing Age on Resistivity of Cement Mortar with Carbon Nanotubes

Ah-Yeon Jang | Chungnam National University

Ji-Hyeon Kim | Chungnam National University

Da-Ae Youn | Chungnam National University

Mi-Hwa Lee | Chungnam National University

Hyun-Do Yun | Chungnam National University

IRCET-0087

Structural Performance Evaluation of Modular System Connection Using H-shape Steel

Daehee Jang | *Chungnam National University*

Keunyeong Oh | *Chungnam National University*

Kangmin Lee | *Chungnam National University*

Poster Sessions (1)

**Civil Engineering/ Electrical and Electronic Engineering/ Chemical
Engineering/ Materials Sciences and Engineering/ Biological
Engineering/ Information Engineering and Technology**

Wednesday, January 9, 2019

13:30-14:20

Noble Room 3

IRCET-0031

Parameter Modeling and Designing Experiment of CO₂ Diffusivity of Cementitious Materials

In-Seok Yoon | *Induk University*

IRCET-0039

Light Detection and Ranging Processor Design

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

Bo-Shen Wang | *National Taipei University of Technology*

Han-Lin Chen | *National Taipei University of Technology*

Yu-Cheng Fan | *National Taipei University of Technology*

IRCET-0040

Asymmetric Epoxidation of Triphenylethylene Using Fluorous Chiral Fe(III) Salen Complex

Issei Miyata | *Meijo University*

Yuki Kobayashi | *Meijo University*

Kotaro Ishihara | *Meijo University*

Takayuki Shioiri | *Meijo University*

Masato Matsugi | *Meijo University*

IRCET-0041

**Influence of Process Parameters on Selective Leaching Iron from Low-Grade Ilmenite for Titanium
Production**

Hongmin Youn | *University of Ulsan*

Sunjung Kim | *University of Ulsan*

IRCET-0045**Effective Peroxidase-Like Activity of PEG Derivative-Functionalized Magnetic Nanoparticles for Visual Detection of Glucose**

Moon Il Kim | *Gachon University*

Ho Yun Shin | *Gachon University*

Hyon Bin Na | *Myongji University*

IRCET-0050**Antifungal Effects of Straight Chain and Branched Chain Fatty Acids Against *Rhodotorula Mucilaginosa***

Haruna Sasaki | *University of Kitakyushu*

Toshinari Koda | *Nissan Chemicals Coporation*

Hiroshi Morita | *University of Kitakyushu*

IRCET-0068**Preparation and Electrochemical Performance of Electrospun TiO₂ Nanofibers Supported IrO₂**

Yu-Chun Chiang | *Yuan Ze University*

Szu-Yu Chen | *Yuan Ze University*

Che-Yuan Kuo | *Yuan Ze University*

IRCET-0073**Changes in *Trans* Fat Contents of Chocolate Cookie Products in Taiwan Market During the Past 8 Years**

Chuan-Yi Yeh | *Ching Kuo Institute of Management and Health*

IRCET-0077**Automaric Recognition of Road Marking Using CNN**

Tomoya Sasaki | *Tokushima University*

Stephen Karungaru | *Tokushima University*

IRCET-0044**Development of Solid Phase Extraction Cartridge for Diakyl Phthalates**

Yune Sung Kim | *Inha University*

Won Jo Cheong | *Inha University*

IRCET-0047

Preparation and Application of Columns Packed with Very Fine C18 Silica Monolith Particles in Fast Analysis by High Performance Liquid Chromatography

Jeong Soo Kim | *Inha University*

Won Jo Cheong | *Inha University*

IRCET-0048

Improved Separation of Peptides by A Novel Mixed-Mode Stationary Phase Based on Silica Monolith Particles Modified with N-Phenyl Acrylamide-Styrene Copolymer in HPLC

Genlin Sun | *Inha University*

Won Jo Cheong | *Inha University*

IRCET-0053

Preparation of Disposable Microcolumns with A Welded Stainless-Steel Frit and A Silver Cemented Frit at the Column Outlet and Inlet, Respectively for High Performance Liquid Chromatography

Miri Mun | *Inha University*

Won Jo Cheong | *Inha University*

IRCET-0065

Automatic Temperature Control System in Hog Farm

Zhang Weiqing | *Guangzhou Balance Union Tech co., Ltd*

Lu Bingbing | *South China University of Technology*

Lu Yuan | *The Affiliation High School of SCNU*

IRCET-0089

Determination Method of Mechanical Properties Using Optimization Under High Strain Rate and Temperature Environment

Taek Jin Jang | *Seoul Nat'l Univ. of Science & Tech*

Hee Cheol Kim | *Seoul Nat'l Univ. of Science & Tech*

Yo-Han Yoo | *Seoul Nat'l Univ. of Science & Tech*

Jong-Bong Kim | *Seoul Nat'l Univ. of Science & Tech*

IRCET-0090

An Analysis of Joining Force According to Shape of Bulge Joint of Nuclear Fuel Assemblies

Jae Kyu Park | *Seoul Nat'l Univ. of Science & Tech*

Se Hoon Lim | *Seoul Nat'l Univ. of Science & Tech*

Jong-Bong Kim | *Seoul Nat'l Univ. of Science & Tech*

Poster Sessions (2)

Finance/ Education/ Psychology/ Communication/ Business & Management

Wednesday, January 9, 2019

14:30-15:20

Noble Room 3

ISBASS-0070

Analysis of the Cross Relationship between IPO Initial Returns and Aftermarket Risk

Fong-Yi Shen | *National Taiwan University*

Yeong-Jia Goo | *National Taiwan University*

ISBASS-0073

Development of Teaching Materials for Children Needing Japanese Language Support and Its Empirical Study on the View of ESD/SDGs

Mengqi Lian | *Chubu University*

Hidetoshi Miyakawa | *Chubu University*

ISBASS-0101

CO₂ Emissions and the Pricing of Climate Risk

Jongmoo Jay Choi | *Temple University*

Hoje Jo | *Santa Clara University*

Haehean Park | *Southwestern University of Finance and Economics*

ISBASS-0111

Impact of Food and Farming Education Courses on Students' Self-Efficacy of Taiwanese High Schools

Yu-Hsuan Chen | *Aletheia University*

Kai Yi Chin | *Aletheia University*

ISBASS-0113

Perceived Executive Functioning in Parents at Risk for Child Physical Abuse

America L. Davila | *Northern Illinois University*

Julie L. Crouch | *Northern Illinois University*

David J. Bridgett | *Northern Illinois University*

Joel S. Milner | *Northern Illinois University*

John J. Skowronski | *Northern Illinois University*

ISBASS-0117

Clark's Triangle and Higher Education in Journalism and Communication in Hong Kong

Scarlet Hung Tso | *Hang Seng Management College*

ISBASS-0118

The Media and Financial Markets: An Information-Theoretic Perspective

Fred K. Luk | *Hang Seng Management College*

Scarlet H. Tso | *Hang Seng Management College*

ISBASS-0125

Case Study of Asian Professional Basketball Marketing

WenChung Hung | *National Taiwan sport University*

Chialun Kuo | *National Taiwan sport University*

