

Conference Program

September 13-15, 2016
Singapore

ISESS

International Symposium on Education and Social
Sciences

IRSET

International Research Symposium on Engineering
and Technology

ISESS

International Symposium on Education and Social Sciences

ISBN 978-986-5654-45-0

IRSET

International Research Symposium on Engineering and Technology

ISBN 978-986-5654-01-6

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General Information for Participants

■ **Registration**

The registration desk will be situated on the **2nd floor** at **M Hotel Singapore** during the following time:

08:30-16:00, Wednesday, September 14, 2016

08:30-16:00, Thursday, September 15, 2016

■ **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

International Committee of ISESS

Irene Guatno Toribio, Philippine Christian University, Philippines
José G. Vargas-Hernández, Universidad de Guadalajara, México
Kaedsiri Jaroenwisan, Silpakorn Univesity, Thailand
Karen Miranda Fernandez, Imus Institute, Phillippines
Kazuaki Maeda, Chubu Univeristy, Japan
B. Suresh Lal, Kakatiya University, India
N. S. Ravishankar, Axis Bank, India
Ramayah Thurasamy, Universiti Sains Malaysia, Malaysia
Shiney Chib, Datta Meghe Institute of Management Studies, India
Kim Sangho, Ritsumeikan Asia Pacific University, Japan
Tan Khay Boon, SIM Global Education, Singapore
Micheal Kon, Aletheia University, Taiwan
Aziz Bin Ahmad, University Malaysia Terengganu, Malaysia
Atefeh Ferdosipour, Azad University (East Tehran Branch), Iran
Azilawati, Nanyang Technological University, Singapore, Singapore
Bayram Akarsu, Erciyes University, Turkey
Bor-Tyng Wang, Feng Chia University, Taiwan
Donghun Lee, Sungkyunkwan University, South Korea
Reem Abed Almotaleb Abuiyada, Dhofar University, Palestine
David C. Donald, The Chinese University of Hong Kong, UK
Rotaru Ioan-Gheorghe, Timotheus Brethren Theological Insititute of Bucharest, Romania
Obydullah Al Marjuk, Independent University, Bangladesh, Bangladesh
Gajendra Singh, Satyawati College, University of Delhi, India
Shaik. Feroz, Caledonian College of Engineering, Oman
Intan Soliha Binti Ibrahim, Universiti Malaysia Sabah, Malaysia
Jamie Halsall, University of Huddersfield, UK
John Christian S. Jardin, Palawan State University, Philippines
Dharam Vir Mahajan, CCS University, Meerut, India
Darshan kaur Narang, University of Rajasthan, Jaipur, India
Ronald Griffin, Florida Agricultural & Mechanical University, USA
Yu Shan Wang, National Kaohsiung First University of Science and Technology, Taiwan

International Committee of IRSET

S. Ahmed John, Jamal Mohamed College, India
Ashley Love, A.T. Still University, USA
Asmida Ismail, University Technology Mara, Malaysia
Thippayarat Chahomchuen, Kasetsart University, Thailand
Don Liu, Louisiana University, USA
Bayani U. Almacen, Philippine Association of Maritime Trainig Centers, Philippines
Jian-Horng Chen, Chung Shan Medical University, Taiwan
Onder Turan, Anadolu University, Turkey
Hairul Azman Roslan, Universiti Malaysia Sarawak, Malaysia
Hiroshi Uechi, Osaka Gakuin University, Japan
Wong Hai Ming, The University of Hong Kong, Hong Kong
Amel L. Magallanes, Capiz State University, Philippines
Kuang-Hui Peng, National Taipei University of Technology, Taiwan
Yasuhiko Koike, Tokyo University of Agriculture, Japan
Mayura Soonwera, King Mongkut's Institute of Technology, Thailand
Ching-An Peng, University of Idaho, USA
Chee Fah Wong, Universiti Pendidikan Sultan Idris, MALAYSIA
Christoph Lindenberger, Friedrich-Alexander University, Germany
Chia-Ray Lin, Academia Sinica, Taiwan
Fatchiyah M.Kes., Universitas Brawijaya, Indonesia
Kuan-Chen Cheng, National Taiwan University, Taiwan
Rainer Buchholz, Friedrich-Alexander University, Germany
Hamed M El-Shora, Mansoura University, Egypt
Sittisak Uparivong, Khon Kaen University, Thailand
Asif Mahmood, King Saud University, Riyadh, Saudi Arabia
Saji Baby, Kuwait University, KUWAIT
Shen-Long Tsai, National Taiwan University of Science and Technology, Taiwan
Suresh B. Gholse , Nagpur University, India
M. Chandra Sekhar, National Institute of Technology, India
Chee-Ming Chan, Universiti Tun Hussein Onn Malaysia, Malaysia
Chi-Ming Lai, National Cheng-Kung University, Taiwan
Edward J. Smaglik, Northen Arizona University, USA
Ransinchung R.N.(Ranjan), Indian Institute of Technology, India
Hasmawi Bin Khalid, University Teknologi Mara, Malaysia
Roslan Zainal Abidin, Infrastructure University Kuala Lumpur, Malaysia
Baolin Wang, University of Western Sydney, Australia
Hung-Yuan Chung, National Central University, Taiwan

Phongsak Phakamach, North Eastern University, Thailand
Chang Ping-Chuan, Kun Shan University, Taiwan
P.Sanjeevikumar, University of Bologna, India
Alexander M. Korsunsky, Trinity College, Oxford, UK
Michiko Miyamoto, Akita Prefectural University, Japan
Cheuk-Ming Mak, The Hong Kong Polytechnic University, Hong Kong
Lai Mun Kou, SEDI University, Malaysia
William L. Baker, Indiana State University, USA
Anthony D. Johnson, Seoul National University of Science & Technology, UK
Chil Chyuan Kuo, Ming Chi University, Taiwan
Sudhir C.V., Caledonian College of Engineering, Oman
Abhishek Shukla , R.D. Engineering College Technical Campus, Ghaziabad, India
Ahmad Zahedi, James Cook University, Australia
Jeril Kuriakose, Manipal University, India
Hanmin Jung, Korea
Jivika Govil, Zion Bancorporation, India
Hyoungseop Kim, Kyushu Insititute of Techonogy, Japan
Farhad Memarzadeh, National Institutes of Health, USA
Pei-Jeng Kuo, National Chengchi University, Taiwan
Abdelmalik Serbout , University of physical and sports activities Djelfa Algeria, Algeria

Special Thanks to Session Chairs

Yosa Novia Dewi, M. Pd.	Putra Indonesia University (UPI) YPTK Padang
Guguloth Veeranna	Kakatiya University
Chun-Hung Cheng	The Chinese University of Hong Kong
Ravee Sajjasophon	Kasetsart University
Seokho Yoon	Sungkyunkwan University
Hudson Nwakanma	Florida A&M University
Moses O. Tadé	Curtin University
Ronald Charles Griffin	Florida A&M University
Chen-Wei Chiu	National Taiwan Police College

Conference Venue Information

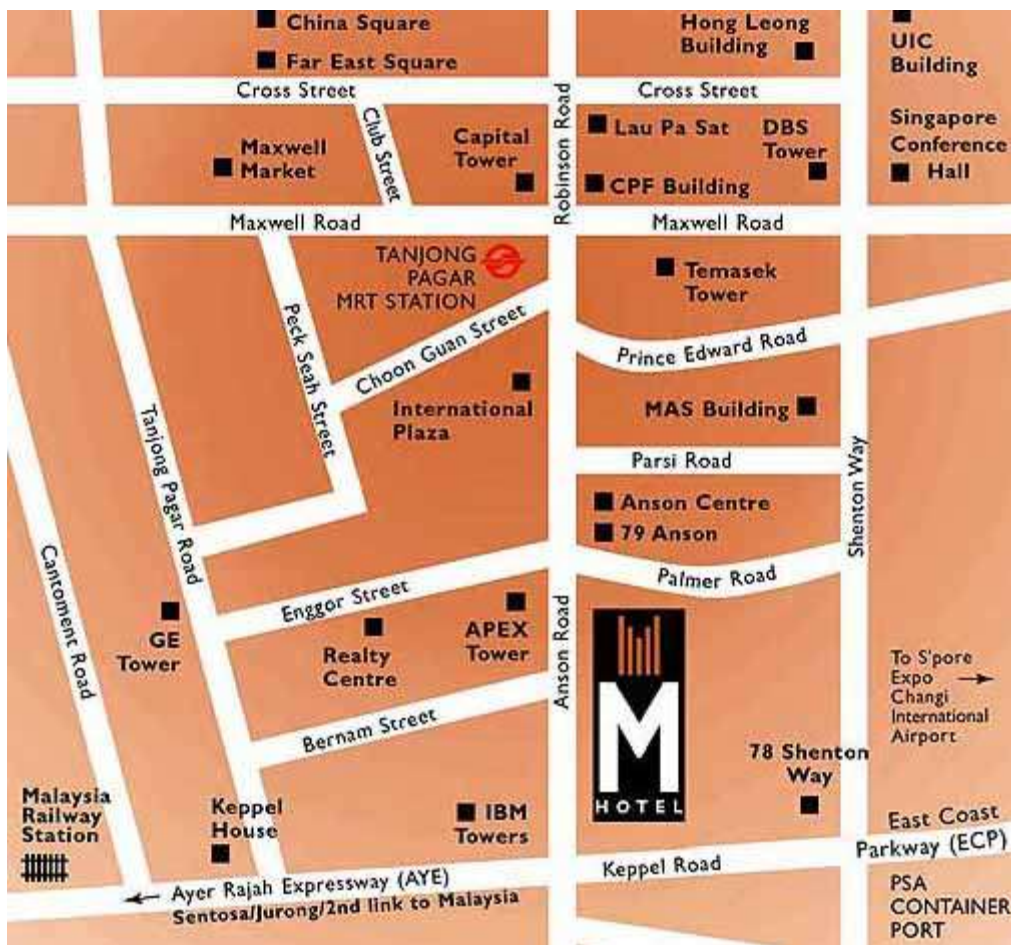
M Hotel Singapore

Address: 81 Anson Road Singapore 079908

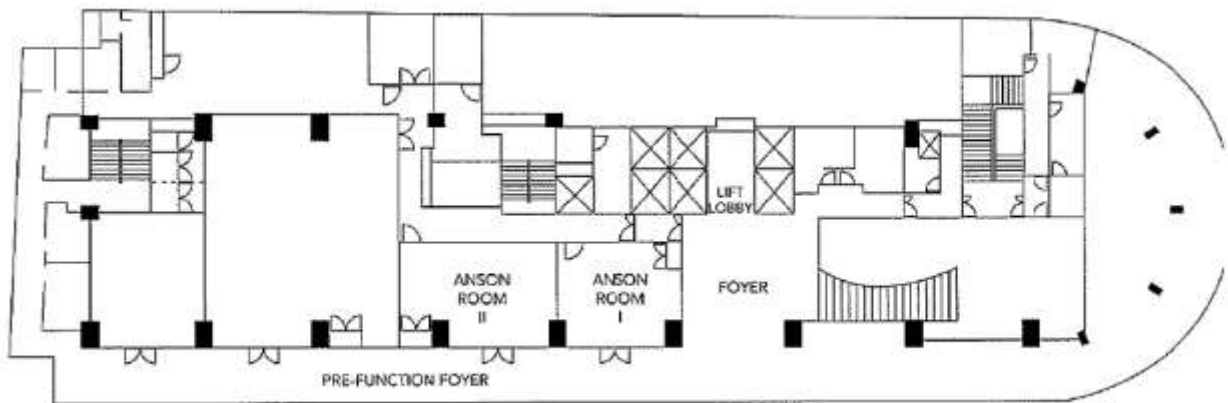
Telephone number: +65 6224 1133

An unique urban getaway in the heart of Singapore's financial district. Close by, you'll find the Marina Bay Financial Centre, Clarke Quay, and Orchard Road. M Hotel Singapore offers 413 rooms and suites, styled in contemporary chic. Technological features including wireless broadband are available, so you'll always stay connected. Working from the comfort of your hotel is easy. On level 8, we have 40 newly furnished office suites and a business centre. Meanwhile, our spacious ballrooms and 9 meeting rooms provide elegant spaces, adaptable for just any function - from business meetings to grand wedding banquets.

Location



M Hotel Singapore Floor Plan (2nd Floor)



2F, M Hotel Singapore

Conference Schedule

Tuesday, September 13, 2016

Executive Committee Meeting (Executive Committee Only)

Wednesday, September 14, 2016

Oral Presentation

2F, M Hotel Singapore

Time	Schedule	Venue
08:30-16:00	Registration	Foyer Area
09:00-10:00	Opening Speech & Networking	Anson I
10:00-12:00	<p><u>Nature Science Keynote Speech (10:00-11:00)</u> Dr. Md. Ezharul Hoque Chowdhury Monash University <i>Topic: pH-Sensitive Inorganic Nano-Crystals for Smart and Targeted Delivery of Anti-Cancer Drugs and Small Interfering RNA (siRNA)</i></p> <p>-----</p> <p><u>Social Science Keynote Speech (11:00-12:00)</u> Dr. Reem Abuiyada Dhofar University <i>Topic: The Success of Cross Cultural Teaching and Learning at a Predominantly Arab Speaking Institution for Higher Education</i></p>	Anson II
12:00-13:00	Lunch Time	The Buffet (2F)
13:00-14:30	Education (1)	Anson II
14:30-14:45	Tea Break & Networking	Foyer Area
14:45-16:15	Communication / Politics	Anson II

Wednesday, September 14, 2016	
Poster Presentation	
Anson Room I, 2F, M Hotel Singapore	
Time	Schedule
09:30-10:30	Poster Sessions (1) Biomedical Engineering / Chemical Engineering / Computing Science & IT Engineering / Environmental Engineering / Electrical & Electronic Engineering / Fundamental and Applied Sciences / Material Science and Engineering / Mechanical Science and Engineering
14:30-15:30	Poster Sessions (2) Education / Management / Psychology / Society / Finance

Thursday, September 15, 2016		
Oral Presentation		
2F, M Hotel Singapore		
Time	Schedule	Venue
08:30-16:00	Registration	Foyer Area
09:00-10:30	Computing Science & IT Engineering / Mechanical Science and Engineering	Anson I
	Education (2)	Anson II
10:30-10:45	Tea Break & Networking	Foyer Area
10:45-12:15	Electrical & Electronic Engineering	Anson I
	Management / Psychology	Anson II
12:00-13:00	Lunch Time	The Buffet(2F)
13:00-14:30	Biomedical Engineering / Chemical Engineering / Material Science and Engineering	Anson I
	Law/ Sociology/ Economics/ Finance	Anson II
14:30-14:45	Tea Break & Networking	Foyer Area
14:45-16:30	Civil Engineering / Environmental Engineering	Anson I

Nature Sciences Keynote Speech

Anson II, 2nd Floor

10:00-11:00, Wednesday, September 14, 2016

Topic: pH-Sensitive Inorganic Nano-Crystals for Smart and Targeted Delivery of Anti-Cancer Drugs and Small Interfering RNA (siRNA)



Dr. Md. Ezharul Hoque Chowdhury
Jeffrey Cheah School of Medicine and Health Sciences
Faculty of Medicine, Nursing & Health Sciences
MONASH University (Sunway campus)
Jalan Lagoon Selatan, Bandar Sunway
Malaysia

Abstract:

Treatment of a human disease in the genetic level either providing a cell with a functional gene or a nucleic acid sequence to precisely silence a harmful gene is a powerful approach to revolutionize the clinical medicine. Despite existence of both genetically engineered viral vectors and synthetically designed lipid- or polymer-based nano-carriers, an ideal delivery system in terms of safety and efficacy is still lacking. We have recently developed a highly efficient gene delivery device based on carbonate apatite nano-crystals having high affinity for siRNA or drugs (through electrostatic interactions) but fast dissolution kinetics for effective release of the payloads during vesicular acidification. Moreover, for cell-specific and more efficient transgene delivery, we successfully assembled a desirable cell-recognizable protein and a highly hydrophilic protein onto the crystal surfaces, thereby creating dual surface properties, one facilitating cell-specific delivery and the other blocking non-specific interactions. A delicate control on manipulation of particle diameter additionally helps us passively target the nanoparticles to the tumor via EPR effect. As a result, intravenous delivery of nanoparticles-associated siRNAs targeting growth factor receptors and anti-apoptotic genes resulted in significant reduction in tumor regression in a syngeneic mouse model of breast cancer, and remarkably sensitized the tumor to the chemotherapy drugs, thus shedding light on their potential applications in treating breast cancer in human patients.

Brief Introduction of Dr. Md. Ezharul Hoque Chowdhury

Dr. Ezharul H. Chowdhury is currently holding an Associate Professor position and a cluster leader of 'Biomedical Engineering' under Advanced Engineering Platform (AEP) at MONASH University (Sunway Campus). Prior to this appointment, he was a Senior Lecturer at International Medical University (IMU) since September 2008 and an independent Assistant Professor of Tokyo Institute of Technology (Tokyo Tech) as well as a Visiting Professor at Shizuoka Cancer Center Institute since 2006. He was awarded with 'Doctor of Engineering' in 2003 by Tokyo Tech where he also carried out a post-doctoral study and subsequently, served as a team leader. He has pioneered the development of a range of pH-sensitive inorganic nanoparticles as smart tools for efficient and targeted intracellular delivery of genetic materials, gene-silencing elements, proteins and classical anti-cancer drugs. He is currently applying this smart nanotechnology for the treatment of cancer, particularly breast carcinoma and cardiovascular diseases, such as diabetes. His team is now conducting pre-clinical trials with some interesting nano-formulations of classical anti-cancer drugs, therapeutic gene(s) and anti-sense RNAs (siRNAs). His research team is thus one of the leading groups in the world, having original and unique contributions in this multidisciplinary field. Currently he is supervising 8 PhD students and 1 Master student. His research projects have so far been funded internally through institutional grants as well as externally by the Japanese Government's Ministry of Education, Culture, Sports, Science & Technology (MEXT), Japan Society for the Promotion of Science (JSPS), the Malaysian Ministry of Science, Technology and Innovation (MOSTI) and Ministry of Higher Education (MOHE). He works as editorial board members for 5 international journals. His outstanding contributions have so far produced over 65 publications in the international journals of high repute, with more than 15 average citations per article and 5 Japanese and US patents.

Social Sciences Keynote Speech

Anson II, 2nd Floor

11:00-12:00, Wednesday, September 14, 2016

Topic: The Success of Cross Cultural Teaching and Learning at a Predominantly Arab Speaking Institution for Higher Education.



Dr. Reem Abuiyada
Social Sciences Department
Dhofar University
Oman

Abstract:

The majority students currently studying in the Institutions of Higher Education in Oman are Omani students that have come from an educational background of largely teacher-directed rote learning using state-developed curriculum and test-driven assessment, with little or for the most part inadequate English language training during their schooling years.

The study examines the success of cross cultural teaching and learning at Arab Institution for Higher Education in Oman. This is an exploratory study employed qualitative data and makes use of semi-structured interview in order to explore the perception of Arab students who receive their education in English by non-Arabic speakers from a culture and mindset different from their own. The findings suggested that there is an appropriate model for cross cultural teaching that is important to the learning success of Arab students. The study also summarizes some opinions for teaching across cultural barriers by the students.

Key words: Cross Culture, Arab Students, Barriers, Higher Education.

Brief Introduction of Dr. Reem Abuiyada

Dr. Reem Abuiyada is the head of the Department of Social Sciences at Dhofar University in the Sultanate of Oman, she had been teaching and researching at Emirate University in the United Arab of Emirate. She has good experience working with non-governmental organization (NGO) as she was working as executive Director of Swiss international NGO in Palestine.

Dr. Abuiyada earned her PhD in social Work from Hull University, UK. She has published many papers related to the community issues. She also participated in numerous local, regional and international conferences & Talks.

Above all, while optimizing her professional knowledge and experience, she has been actively serving different committees at Dhofar University in varied capacities. At the college level, she is member of Equivalence committee, Student Affairs Committee and Academic Programs Development and Review Committee. Besides this, she is member the Quality Assurance Committee, Social Sciences Department Recruitment Committee and Moderation Committee.

Education (1)

Wednesday, September 14, 2016 13:00-14:30 Anson II

Session Chair: *Yosa Novia Dewi, M. Pd.*

ISESS-810

Student: “I Don’t Know” - Teacher: “Excellent!” – Computer: “True”

Nodelman Vladimir | *HIT-Holon Institute of Technology*

ISESS-869

Creating Environments for Success When Implementing Indigenous Graduate Attributes in the Academy

Michelle Trudgett | *University of Technology Sydney*

Susan Page | *University of Technology Sydney*

Gawaian Bodkin-Andrews | *University of Technology Sydney*

ISESS-903

Applying Multilevel Mixture Modelling to Investigating Factors Affecting Mathematics Achievement for Secondary School Students in Taiwan Based on TIMSS Data

Kang-Ping Lu | *National Taichung University of Science and Technology*

Shao-Tung Chang | *National Taiwan Normal University*

ISESS-939

Experiment of Social and Emotional Learning Practice through Online English Drama Performance

Chieh-Ju Kuo | *Institute for Information Industry*

Chia-Heng Chen | *Institute for Information Industry*

ISESS-979

**Improving Students' Vocabulary Mastery by Using Disney's Magic English Films at
Grade IV of Elementary School**

Yosa Novia Dewi | *Putra Indonesia University (UPI) YPTK Padang*

Communication / Politics

Wednesday, September 14, 2016 14:45-16:15 Anson II

Session Chair: *Prof. Guguloth Veeranna*

ISESS-893

Legitimising Propaganda: Government Production of Suspect Professional Communications

Ray Archee | *Western Sydney University*

ISESS-901

Intergenerational Exchanges in Asian Small Community

Yuki Yokohama | *Kanto Gakuin University*

ISESS-918

A Self-Efficacy Scale for Social Network Sites: A Conceptual Research

Yu-Min Wang | *National Chi Nan University*

Ye-Hua Huang | *National Chi Nan University*

ISESS-923

Rural Self Governance in Telangana State - A Perspective

Guguloth Veeranna | *Kakatiya University*

ISESS-960

An Appraisal of the ROK's Deterrence Posture

Pyo-Kyu Lee | *Dankook University*

Computing Science & IT Engineering / Mechanical Science and Engineering

Thursday, September 15, 2016 09:00-10:30 Anson I

Session Chair: *Prof. Chun-Hung Cheng*

IRSET-14651

A Video Analytics Platform for Resource Management in a Large Facility

Kwong-Tim Chan | *The Chinese University of Hong Kong*

Chun-Hung Cheng | *The Chinese University of Hong Kong*

Dorbin Tobin Ng | *The Chinese University of Hong Kong*

IRSET-14759

Classification of Benign and Malignant Solitary Pulmonary Nodules by DBN Classifier

Lu Liu | *Harbin University of Science and Technology*

Wei-Wei Sun | *Harbin University of Science and Technology*

IRSET-14729

Brain Mapper: A Brain to Canvas Communicator

Veje Subash Gandyer | *KCG College of Technology*

Krishnamurthy M | *KCG College of Technology*

IRSET-14701

Numerical Investigation of Cooling Effects on a Mini Gas Combustor

Jesline Joy | *Singapore Institute of Technology*

Peng Cheng Wang | *Singapore Institute of Technology*

Ching Man Simon Yu | *Singapore Institute of Technology*

IRSET-14723

On the Performance Evaluation of a Novel Inference Model Pyramid Tree (PT) by Particle Bee Algorithm

Li-Chuan Lien | *Fujian University of Technology*

Yan-Ni Liu | *Fujian University of Technology*

Peng-Cheng Zhang | *Fujian University of Technology*

Liao Zhi-Cheng | *Fujian University of Technology*

IRSET-14674

Construct Validation of a Digital Citizenship Questionnaire: Empirical Evidence from a Multicultural Sample

Fuad A.A. Trayek | *International Islamic University Malaysia*

Tunku Badariah Tunku Ahmad | *International Islamic University Malaysia*

Mohamad Sahari Nordin | *International Islamic University Malaysia*

Mohammed AM Dwikat | *An Najah National University Nablus*

Enas Said Ali Abulibdeh | *Al Ain University of Science and Technology*

Hytham M. Bany-Issa | *City University College of Ajman*

Education (2)

Thursday, September 15, 2016

09:00-10:30

Anson II

Session Chair: *Prof. Ravee Sajjasophon*

ISESS-876

Learning Innovation for Supporting Competencies among Successors of Senior Citizen Club Leaders in Thailand

Ravee Sajjasophon | *Kasetsart University*

ISESS-877

Pesticide Using Behaviors of Farmers in Ban Nong Pak Ngam Community, Nakhon Pathom Province, Thailand

Prapada Watcharnat | *Kasetsart University*

Decha Seeduka | *Kasetsart University*

Nobparat Chaichana | *Kasetsart University*

Tanyalak Kerdsap | *Kasetsart University*

Varaporn Yamtim | *Kasetsart University*

Ravee Sajjasophon | *Kasetsart University*

Supharuk Aticomswan | *Kasetsart University*

ISESS-892

Social Laboratory: A Model in the Field of Human and Community Resource Development (HCRD) at the Faculty of Education and Development Sciences, Kasetsart University, Kamphaengsaen Campus

Supharuk Aticomswan | *Kasetsart University*

Varaporn Yamtim | *Kasetsart University*

Ravee Sajjasophon | *Kasetsart University*

Santi Srisuanthang | *Kasetsart University*

Prasong Tanpichai | *Kasetsart University*

Apichart Jai-Aree | *Kasetsart University*

ISESS-904

Habits and Attitudes of SPED Teachers towards SPED Teaching

Victoriano Pemintel Barliso Jr. | *Cavite State University-General Trias City Campus & Philippine Normal University-Manila*

Electrical & Electronic Engineering

Thursday, September 15, 2016

10:45-12:15

Anson I

Session Chair: *Prof. Seokho Yoon*

IRSET-14664

An Improved Cosine-Phased BOC Signal Tracking

Keunhong Chae | *Sungkyunkwan University*

Seokho Yoon | *Sungkyunkwan University*

IRSET-14649

Discrete Wavelet Transform Based Protection for a Wind Farm Double Fed Induction Generator

Ahmed M. M. Abdelemam | *Helwan University*

Ali M. El-Rifaie | *American University of the Middle East*

Sabry M. Moussa | *Helwan University*

IRSET-14601

Electrical Characteristics of Cable Spacers in 22 kV Distribution System of Provincial Electricity Authority of Thailand (PEA)

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

E. Chaidee | *Rajamangala University of Technology Lanna Chiang Rai*

Management / Psychology

Thursday, September 15, 2016

10:45-12:15

Anson II

Session Chair: *Prof. Hudson Nwakanma*

ISESS-905

Art Therapy Intervention for a Child Victim of Bullying

Louziela Panganiban Masana | *Cavite State University-General Trias City Campus & University of Santo Tomas*

ISESS-874

Effects of Expressive Arts Therapy on Cognitive Distortion among Adolescent Involved in Sexual Behavior

Sh Marzety Adibah Al Sayed Mohamad | *Universiti Malaysia Terengganu*
Nor Shakirah Mohd Sakari | *Universiti Malaysia Terengganu*

ISESS-822

College Career Counseling: Can College Students Benefit from Personal Branding Approach to Selecting and Managing Career?

Hudson Nwakanma | *Florida A&M University*
Rashada Houston | *Florida A&M University*

ISESS-978

Sexual Violence in Children and Adolescents in Yogyakarta from the Perspective of Local Culture: Between Changes in Norm and Poor Reproductive Health Education

Supra Wimbarti | *Gadjah Mada University*
Ira Paramastri | *Gadjah Mada University*
Atik Triratnawati | *Gadjah Mada University*
Dian N Marissa | *Gadjah Mada University*
Moya A.D. Martiningtyas | *Gadjah Mada University*

ISESS-911

First Aid on Anxiety Box

Siti Zainab B | *Airlangga University*

Daylia Antero | *Airlangga University*

ISESS-981

**Community Participation in Management of Tourist Attractions in Koh Yao Yai,
Phang-Nga Province, Thailand**

Pakin Witchayakawin | *Naresuan University*

Biomedical Engineering / Chemical Engineering / Material

Science and Engineering

Thursday, September 15, 2016

13:00-14:30

Anson I

Session Chair: *Prof. Moses O. Tadé*

IRSET-14662

SOFC System Level Modelling and Simulation with a Detailed Stack Module

Amirpiran Amiri | *Curtin University*

Khaliq Ahmed | *Curtin University*

Moses O. Tadé | *Curtin University*

IRSET-14677

Development of Direct Forming Technology of Friction Material by Thermal Spraying

Keiji Sonoya | *University of Yamanashi*

IRSET-14688

Silver Enhanced Immunoassay for Escherichia coli Rapid Detection

Riazul Raziq | *Temasek Polytechnic, Singapore*

Fu Yi | *Temasek Polytechnic, Singapore*

Sun Ling Ling | *Temasek Polytechnic, Singapore*

IRSET-14730

Cross-Linker and Plasticizer Effect to the Characteristic of Pectin Edible Film

Introduced by Trans-Cinnamaldehyde

Venitalitya Alethea Sari Augustia | *Universitas Gadjah Mada, Yogyakarta*

Gabriella | *Universitas Gadjah Mada, Yogyakarta*

Yuni Kusumastuti | *Universitas Gadjah Mada, Yogyakarta*

Sang Kompiang Wirawan | *Universitas Gadjah Mada, Yogyakarta*

Ika Dewi Ana | *Universitas Gadjah Mada, Yogyakarta*

Law/ Sociology/ Economics/Finance

Thursday, September 15, 2016

13:00-14:30

Anson II

Session Chair: *Prof. Ronald Charles Griffin*

ISESS-885

Strategies for Gender Equality in the Japanese Workplace

Tomoko Komagawa | *Hokkaido University*

ISESS-943

Practice and Promote Strategy of Eco-Community in Taiwan

Chen-Yi Sun | *National Chengchi University*

Ya-Hsuan Wang | *National University of Singapore*

Stephen Siu Yu Lau | *National University of Singapore*

Yen-An Chen | *National Chengchi University*

ISESS-859

Precis about Welfare

Ronald Charles Griffin | *Florida A&M University*

ISESS-969

Urban Migration and Livelihoods in Telangana State: A Study on Socio-Economic and Health Issues of Tribal Women

B. Suresh Lal | *Kakatiya University*

ISESS-980

Value Premium: Evidence from the Perspective of Stochastic Dominance

Li-Chueh Tsai | *Feng Chia University & Hsiuping University of Science and Technology*

Civil Engineering / Environmental Engineering

Thursday, September 15, 2016

14:45-16:30

Anson I

Session Chair: *Prof. Chen-Wei Chiu*

IRSET-14726

The Characters of Time Series of Monthly Number of Earthquakes and Forecasting Pattern Recognition in Hualien County

Ko-Ming Ni | *Ling Tung University*

IRSET-14732

Development of IFC-Based Algorithm of Area Calculation by Area Criteria

ChangJae Yeo | *Kwangwoon University*

JungHo Yu | *Kwangwoon University*

IRSET-14658

Analysis of Smoke Control Models at Long Tunnel: A Case Study on the Hsueh-Shan Tunnel

Chen-Wei Chiu | *National Taiwan Police College*

Chi-Sheng Huang | *National Taiwan Police College*

IRSET-14675

Determinations of AOD in the Lower Troposphere and Stratosphere

Pranee Prombut | *Srinakharinwirot University*

Siriluk Ruangrungrrote | *Srinakharinwirot University*

IRSET-14727

Numerical Investigation on Packing Density and Inlet Configurations of Hollow Fibres and Their Effects on Flow Pattern within Ultrafiltration Modules

Lim Keng Boon | *Singapore Institute of Technology*

Wang Peng Cheng | *Singapore Institute of Technology*

An Hui | *Singapore Institute of Technology*

IRSET-14751

Soil Washing of Heavy Metal Contaminated Paddy Soil Using a FeCl₃ Solution

Deok Hyun Moon | *Chosun University*

Yoon-Young Chang | *Kwangwoon University*

Minho Lee | *Chosun University*

Kyung Hoon Cheong | *Chosun University*

Won Hyun Ji | *Mine Reclamation Corporation*

Il Ha Koh | *Korea University*

Yulim Choi | *Kwangwoon University*

Jeong-Hun Park | *Chonnam National University*

IRSET-14733

Numerical Techniques for Inverse Analysis in Study of Microbial Depolymerization Processes

Masaji Watanabe | *Okayama University*

Fusako Kawai | *Kyoto Institute of Technology*

Poster Sessions (1)

**Biomedical Engineering / Chemical Engineering / Computing
Science & IT Engineering / Electrical & Electronic Engineering
/ Environmental Engineering / Fundamental and Applied
Sciences / Material Science and Engineering / Mechanical
Science and Engineering**

Wednesday, September 14, 2016 09:30-10:30 Anson I

IRSET-14657

Beneficial Effects of Red Bull[®] Energy Drink on Cardiovascular Behaviour during Simulated Driving

Takehiro Yamakoshi | *Fukuoka Institute of Technology*

Kenta Matsumura | *Hokkaido University*

Peter Rolfe | *Harbin Institute of Technology*

IRSET-14683

Mechanism of the Solvent-Free Cannizzaro Reaction of Benzaldehydes Using Calcium Hydroxide

Yuri Matsumoto | *Prefectural University of Hiroshima*

Simion Cristian | *Politehnica University of Bucharest*

Yoshiharu Mitoma | *Prefectural University of Hiroshima*

IRSET-14676

Performance Analysis of a Six-Axis Micro-Positioning Stage

Yan-Cen Liou | *National Chung Hsing University*

Jau-Liang Chen | *National Chung Hsing University*

IRSET-14721**Optimal Single Winding Self-Excitation Configuration for the Single-Phase Induction Generator**

Wen-Yeau Chang | *St. John's University*

Yi-Wei Lin | *St. John's University*

Yu-Chen Tu | *St. John's University*

Yong-Ting Ruan | *St. John's University*

Jing-Xuan Lin | *St. John's University*

Guo-Tong Li | *St. John's University*

IRSET-14698**A Mixed Basis Density Functional Approach for Low Dimensional Carbon-Related Systems with B-Splines**

Chung-Yuan Ren | *National Kaohsiung Normal University*

Yia-Chung Chang | *Research Center for Applied Sciences, Academia Sinica*

Chen-Shiung Hsue | *National Tsing Hua University*

IRSET-14739**Extraction and Separation of Valuable Components in Natural Products and Their Reparability Evaluation Using Hansen Solubility Parameters**

Yu Murakami | *Kansai University*

Hideki Yamamoto | *Kansai University*

IRSET-14722**The Study of Two Dimensional Cross-Tier Interference Avoidance in LTE-Advanced Heterogeneous Networks**

Jung-Shyr Wu | *National Central University*

Yu-Shun Liu | *National Central University*

Kang-I Lin | *National Central University*

IRSET-14684**Fabrication of Flexible Transistors Using Highly Flexible and Conductive Textile Electrode**

Jea Uk Lee | *Korea Research Institute of Chemical Technology (KRICT)*

IRSET-14748**A Metadata Editing System for Moving Objects in Multimedia Contents**

Junku Lee | *Soongsil University*

Dongyeon Kim | *Soongsil University*

Sangjun Lee | *Soongsil University*

IRSET-14735**Removal of Toluene from H₂/Toluene Gaseous Mixtures through Hydrophobic Silica Membranes**

A. Okabe | *Kansai University*

S. Araki | *Kansai University*

H. Yamamoto | *Kansai University*

IRSET-14686**Electrical Properties of Cubic Spinel (Ni, Co, Mn)O₄ Thermistor**

Sungwook Mhin | *Korea Institute of Industrial Technology*

Kyoungryeol Park | *Korea Institute of Industrial Technology*

Hyuksoo Han | *Korea Institute of Industrial Technology*

IRSET-14689**Characterization of Fe Doped (Ni, Mn, Co)O₄ Ceramics and its Electrical Properties for NTC Thermistor**

Kyoungryeol Park | *Korea Institute of Industrial Technology*

Sungwook Mhin | *Korea Institute of Industrial Technology*

Hyuksoo Han | *Korea Institute of Industrial Technology*

IRSET-14740**Water Turbidity Reduction Using Beans Seed as Coagulants Aid**

Prapat Pentamwa | *Suranaree University of Technology*

Narumon Prangsongnoen | *Suranaree University of Technology*

Wannaruk Siriwong | *Suranaree University of Technology*

Janjira Duangsornsang | *Suranaree University of Technology*

Prapawadee Sratong | *Suranaree University of Technology*

Aimon Khanmee | *Suranaree University of Technology*

Poster Sessions (2)

Education / Management / Psychology / Society / Finance

Wednesday, September 14, 2016 14:30-15:30 Anson I

ISESS-868

Research on Awareness of Well-Dying of University Students

Bok- Hee Yoo | *Ulsan University*

Min- Ah Lee | *Kunsan National University*

ISESS-872

A Study on the Housing Environments Described by College Students Studying Well-Being

Min- Ah Lee | *Kunsan National University*

Bok- Hee Yoo | *Ulsan University*

ISESS-883

Kinetic Family Drawings According to Delinquency in Korea Preschoolers

Jin Kyung Kim | *Korea National Open University*

ISESS-833

The Relationship between Achievement of Admission Test of Engineering Science Classroom Students and Personality Type by Myers-Briggs Type Indicator (MBTI)

Chanakan Chomngam | *King Mongkut's University of Technology Thonburi*

Jintana Wongta | *King Mongkut's University of Technology Thonburi*

Sukanyapat Dokkularb | *King Mongkut's University of Technology Thonburi*

Ratthakarn NA Phatthalung | *King Mongkut's University of Technology Thonburi*

Kanda Lertladaluck | *Mahidol University*

ISESS-930

A National Survey of Elementary and Secondary Educators' Practice in Teaching Self-Determination: Lessons Learned from Taiwan

Pen-Chiang Chao | *Chung Yuan Christian University*

Yu-Chi Chou | *Chung Yuan Christian University*

ISESS-937**Using Maker Approaches to Extending a Longitudinal Education System of Low-Carbon Architecture in Kinmen-Island**

Hsiu-Chen Wei | *National Taiwan Normal University*

Hua-Yueh Liu | *National Quemoy University*

Chen-Pei Chou | *National Quemoy University*

Kung-Yu Ho | *National Taiwan Normal University*

ISESS-932**Is Korea Can Handle under Character Education?**

Jinhee Kim | *Andong National University*

ISESS-897**The Relation between Gender-Differences and Learning Styles in Medical Students**

Dian Anggraini | *University of Andalas*

Laila Isrona | *University of Andalas*

ISESS-878**Cognitive, Emotional and Behavioural Reactions of High-Level Rugby Players Facing Physical Injury**

Marielle Bruyninckx | *University of Mons*

Dimitri Cauchie | *University of Mons*

Emilie Musch | *University of Mons*

ISESS-853**The Description of National Health Insurance Practice towards Dental and Oral Health Care**

Fitria Hayani | *Andalas University*

Afriwardi | *Andalas University*

Susi | *Andalas University*

ISESS-881**Spirituality in the Therapeutic Alliance: An Argument for Awareness, Sensitivity, Competence and Adaptability in the Field of Clinical Psychology**

Desiree Uyen Nguyen | *Alliant International University*

Richard Mendoza | *Alliant International University*

ISESS-936

Mental Health Literacy among People with Mental Disorder: Employing Scale Based Measurement

Sunyoung Michelle Cho | *Pusan National University*

Songsik Choi | *Pusan National University*

Youngji Song | *Pusan National University*

ISESS-961

Investigation on Sunken Sewol Ferry: Social Work's Role in Disaster-Focused on Special Sewol Law

Sin-Jung Kweon | *Pusan National University*

ISESS-953

The Impact of Financial Performance on Different Corporate Social Responsibility Activities in Tourism

Yu-Shan Wang | *National Kaohsiung First University of Science and Technology*

Yi-Hsi Lee | *National Kaohsiung First University of Science and Technology*

Yuan-Yu Chen | *National Kaohsiung First University of Science and Technology*

