Conference Program

June 27-29, 2015
Seoul, South Korea

SICASE
Seoul International Conference on Applied Science and Engineering

SICBENS
Seoul International Conference on Biological Engineering & Natural Science

ICSSP
International Conference on Social Sciences and Psychology
SICASE
Seoul International Conference on Applied Science and Engineering

SICBENS
Seoul International Conference on Biological Engineering & Natural Science

ICSSP
International Conference on Social Sciences and Psychology
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General Information

Venue
Courtyard by Marriott Seoul Times Square
442 Yeongdeungpo-dong 4-ga, Yeongdeungpo-gu, Seoul, 150-798 South Korea
Phone: +82 2 2638 3000
Fax: +82 2 2638 3001

Registration Time
4th Floor, Courtyard by Marriott Seoul Times Square
Saturday, June 27, 2015  08:30-17:00
Sunday, June 28, 2015  08:30-15:00

Poster Area
Hallway, 4th Floor, Courtyard by Marriott Seoul Times Square

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Floor Map
Oral Instructions
- Total length of each session is 90 minutes. The specific length of each presentation depends on the number of presentations in that session.
- All presentation rooms are equipped with a screen, an LCD projector, and a laptop computer installed with PowerPoint software. You will be able to insert your USB flash drive into the computer and double click on your presentation to open it in PowerPoint. We recommend that you bring two copies of your presentation in case of one fails. You may also link your own laptop computer to the projector cable, however if you use your own Mac please ensure you have the requisite connector.

Poster Instructions
- Materials Provided by the Conference Organizer:
  1. X-frame display & Base Fabric Canvases (60cm×160cm)
  2. Adhesive Tapes or Clamps
- Materials Prepared by the Presenters:
  1. Home-made Poster(s)
- Requirement for the Posters:
  1. Material: not limited, can be posted on the canvases
  2. Size: smaller than 60cm*160cm

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

Sandals or Slippers
Tank Top
Shorts
Conference Organization

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Khalachuchi Flores, Southwestern University
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Mohamed Azmi Ahmad Hassali, Universiti Sains Malaysia
Napaporn Srichanyachon, Bangkok University
Özlem AVCI, Uşak University
 Otávio Bueno, University of Miami
Rajeshwari Nagaraj Kenchappanavar, Karnatak Arts College
Reyhan Bilgiç, Middle East Technical University
Rizwana Yousaf, University of Gujrat
Robert Evola, Université de Yaoundé
Sakina Riaz, University of Karachi
Subhan El Hafiz, Muhammadiyah University
Sam S. Gill, San Francisco State University
Tirelo Modie-Moroka, University of Botswana
P.C. "Pete" Kutschera, Philippine Amerasian Research Center
Ying Xing, China University of Political Science and Law
Young-Ok Kim, Chonnam National University
## Special Thanks to Session Chairs

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<tr>
<td>Fumihiko Isada</td>
<td>Kansai University</td>
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<tr>
<td>Ya-Fen Lee</td>
<td>Toko University</td>
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<tr>
<td>Chua Bee Seok</td>
<td>Universiti Malaysia Sabah</td>
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<tr>
<td>Yonglei Tao</td>
<td>Grand Valley State University</td>
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<tr>
<td>Moon J. Lee</td>
<td>University of Florida</td>
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<tr>
<td>Tatiana Vladimirovna Kolpakova</td>
<td>Transbaikal State University</td>
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<tr>
<td>Vinoth Jagaroo</td>
<td>Boston U. School of Medicine &amp; Emerson College</td>
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<td>Hwee Ling Lim</td>
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<td>Minnie M. Liangco</td>
<td>Pampanga State Agricultural University</td>
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<td>Seonho Choi</td>
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## Conference Schedule

### Saturday, June 27, 2015

**Oral Presentation**

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<td>Registration</td>
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<td></td>
<td>Civil Engineering</td>
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<tr>
<td>10:30-10:45</td>
<td>Tea Break</td>
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<tr>
<td>11:00-12:15</td>
<td>Natural Sciences Keynote Speech (SBPA)</td>
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<td>Psychology I / Education I</td>
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<td>13:15-14:30</td>
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<td>13:00-14:30</td>
<td>Computer &amp; Information Science I /</td>
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<td>Electrical and Electronic Engineering</td>
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<td>14:30-14:45</td>
<td>Tea Break</td>
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<td>Tutorial</td>
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<td>16:30-18:00</td>
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### Saturday, June 27, 2015

Poster Session, 4F Pre-Function Area

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<td>15:00-16:00</td>
<td>Poster Session (2) Civil Engineering / Electrical and Electronic Engineering / Environmental Sciences / Fundamental &amp; Applied Sciences / Material Science and Engineering</td>
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Oral Presentation

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<td>Psychology II / Education II Environmental Sciences</td>
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<td>Lunch Time</td>
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Natural Sciences Keynote Speech

Room 1
2015/06/27 Saturday 11:00-12:15

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*Topic:* Probabilistic Analysis of Volcanic Ash Dispersion over Korea

*Keynote Speech:* Lee, Sungsu, Ph.D

Professor
School of Civil Engineering, Chungbuk National University, 1 Chungbukdae-gil, Cheongju, Rep. of Korea

In 2010, a series of volcanic eruption of Mt. Eyjafjallajokull in Iceland put a hold on the air travel in the continent of Europe and affects all over the world. Besides this direct impact, numerous indirect effects were found from the aftermath. In January of 2011, another series of eruption from Mt. Shinmoedake, Kyushu, Japan also alerted Japan and the world. With these series of events, the reports from Chinese seismologists since 2002 have drawn an attention and initiated discussions on the possibility of the eruption of Mt. Baekdu which is located on the border of North Korea and Machuria, China. It was found that Mt. Baekdu has history of eruptions more than 20 times since 10th century and its strongest one in 10th century was believed to be about 1000 times that of Mt. Eyjafjallajokull.

Alerted from the series of events and the rediscovered facts about Mt. Baekdu, Korea has thought of potential threats from volcanos, that is, not only Mt. Baekdu but also volcanos in the vicinity of Korea, knowing that there are more than 10 Chinese volcanos within 1000km from Seoul and tens of Japanese ones. If any of those volcanos erupts, the most effects on Korean peninsula will come from ash dispersion and this study focuses on the probabilistic analysis of volcanic ash dispersion both in the air and on the land.

Thousands of hypothetical eruptions from Mt. Baekdu are assumed and the ash from the vent is simulated by a well-known numerical model employing particle tracking method based on lagrangian scheme. It is assumed that each eruption starts at midnight and lasts for 24 hours on every day from Jan. 1st, 2008 to Dec. 31st, 2013. The meteorological conditions including wind and pressure on each day are borrowed from reanalysis data of NCEP, which represents the real weather conditions. With these enormous amount of computed outputs, the probabilistic estimation of airborne and fallout ashes has been carried out over Korea and adjacent regions in
North-East Asia. The results show that once it happens, the ash can sweep the part of Korean peninsula and travel across the East Sea to Japan and to the Pacific. Therefore, it is very essential to establish the international collaboration and the cooperation in the research of volcanic risk in North-East Asia. This work was supported by the grant from Natural Hazard Mitigation Research Group funded by Ministry of Public Safety and Security, South Korea.

**Educational Background**
- Ph.D : Colorado State University, Ft. Collins, CO, USA, Dept of Civil Engineering (1997)
  - Dissertation : *Large Eddy Simulation of Flow past a Square Cylinder using Finite Element Method*
  - Adviser : Prof. Bogusz Bienkiewicz

**Work Experience**
  - Major Experience : *Computational Fluid Dynamics for Rotating Machinery, Design of Propellers*
- Research Assistant, Dept of Civil Engineering, Colorado State University (1994-1997)
- Research Associate, National Oceanic and Atmospheric Administration (NOAA)/CIRES, Boulder, CO, USA (1998-1999)
  - Major Experience: *LES for Stratified Flow around Bodies*
- Research Professor, Dept of Mechanical Engineering, Inha University, Rep. of Korea (2000)
- Professor, School of Civil Engineering, Chungbuk National University, Rep. of Korea (2000-Present)
- Director of Volcanic Disaster Preparedness Research Center (2012-).

**Field of Interests**
- Computational Fluid Dynamics and its application to Turbulent Wind Flow
- Large Eddy Simulation of Turbulent Flow around Buildings and Moving Bridges
- Typhoon Simulation using Statistical/Stochastic Approaches
- Structural Vulnerability to Wind
- Wind Damage Analysis and Mitigation
- Micro-Meteorology for Urban Region
Social Sciences Keynote Speech

Room 1
2015/06/27 Saturday 13:15-14:30

Topic: Utilizing Social and other Media to Lower Affective Barriers in the Classroom

Keynote Speech: Aaron E Martinson
Sejong Cyber University, Korea

Aaron E. Martinson, M.S.Ed, is a lecturer and course developer in the Department of English at Sejong Cyber University in Seoul, South Korea. He has taught EFL students of all skill levels and ages for more than seven years. He is currently focusing on research in interface, multimedia, and communication systems that will improve experiences for distance learners, as well as research focused on how to incorporate distance learning for those with disabilities.

This presentation will focus on utilizing different effective multimedia tools to lower the affective barriers that may impede learning. When choosing a tool one must first identify the learner, identify the needs of that learner, and finally identify the barrier. Once the barrier is identified a plan can begin to form.

It is the goal of this presentation to explore techniques and methods that are conducive to an educational curriculum, in order for dedicated educators to continue to improve the overall quality of their courses. It is also the hope of the presenter to start a meaningful conversation about which direction these technologies can and should take as we find ourselves more technologically involved in all aspects of our lives.
Tutorial Course

Room 1

2015/06/27 Saturday 14:45-16:15

Speaker: Soungwha Walker, M.Ed.

Topic: Engaging the audience through empowering nonverbal communication

Background of the speaker
- Entered the teaching profession in 1994; CA teaching credential in Math
- Taught English (Korea) & Mathematics (Southern California, USA)
- Taught various education courses (University of California, Riverside, USA)
- Presented papers at numerous international conferences
- Conducted a workshop (45 min.) at the 2015 national conference on Future Educators Association, Washington, DC
- Educational Psychology, PhD in progress (Faculty Advisor: Dr. Keith Widaman, Distinguished Professor)
- Instructor: Graduate School of Education at UC Riverside, USA

1. Introduction (10 min.): Purpose of the presentation (Knowing who we are)

2. Nonverbal Communication - NVC (35 min.)
   a) What is it & why should we care?
   b) Relationships between NV communication & presentation
   c) Group activities & volunteers

3. Improving Nonverbal Communication Skills (35 min.)
   a) Practical application of NVC skills
   b) Engaging the audience
   c) Empowering NVC

4. Closing (10 min.)
Oral Sessions – June 27th, 2015

Management I

2015/6/27 Saturday 09:00-10:30 Room 1

Session Chair: Charat Vadepinyo

ICSSP-135
A Foucauldian Perspective on Sustainable Development in an Energy Sector Organisation in Thailand
Charat Vadepinyo | London Metropolitan University

ICSSP-160
Overview the Relative Effectiveness of Indonesia Policy Measures during and after Financial Crisis
Yuli Teguh Hidayat | University Padjadjaran Bandung
Tumpak Silalahi | University Padjadjaran Bandung

ICSSP-170
New Pathway of Commitment: Effect of Knowledge Sharing and Workplace Spirituality in Learning Organization
Monthon Sorakraikitikul | Thammasat University
Civil Engineering

2015/6/27 Saturday 09:00-10:30    Room 2

Session Chair: Ya-Fen Lee

SICASE-735
A New Conceptual Sustainable Water Resources Research
Choo, Tai Ho | Pusan National University
Yoon, Hyeon Cheol | Pusan National University
Yun, Gwan Seon | Pusan National University
Kwak, Kil Sin | Pusan National University

SICASE-748
Measuring Financial Liquidity of Construction Contractors in Hong Kong
Tsang, Yick Tat | City University of Hong Kong

SICASE-777
Evaluating the Rescue Performance of Flooding Disaster Based on Residents’ Perception
Ya-Fen Lee | Toko University
Yun-Yao Chi | Chang Jung Christian University
Ching-Hui Peng | Chang Jung Christian University

SICASE-828
Fatigue Resistance of Warm Mix Asphalt Using Bayat Natural Zeolite and Elastomeric Polymer Bitumen
Ani Tjitra Handayani | College of Technology STTNAS, Indonesia
Bagus Hario Setiaji | Diponegoro University
Ani Prabandiyani | Diponegoro University
Psychology I / Education I

2015/6/27 Saturday 10:45-12:15

Session Chair: Chua Bee Seok

ICSSP-105
Preliminary Factor and Psychometric Analysis: Employee Trust Scale
Chua Bee Seok | Universiti Malaysia Sabah
Getrude Cosmas | Universiti Malaysia Sabah
Jasmine Adela Mutang | Universiti Malaysia Sabah
Shazia Iqbal Hashmi | Universiti Malaysia Sabah

ICSSP-106
Why Do I Recycle? A Study in Kota Kinabalu, Sabah, Malaysia
Jasmine Adela Mutang | Universiti Malaysia Sabah
Chua Bee Seok | Universiti Malaysia Sabah
Ferlis Bahari | Universiti Malaysia Sabah
Shazia Iqbal Hashmi | Universiti Malaysia Sabah
Rosnah Ismail | Universiti Malaysia Perlis
Walton Wider | Universiti Malaysia Sabah
Rickless Das | Universiti Malaysia Sabah

ICSSP-168
The Effects of Trustworthiness Factors on Managerial Trust
Getrude Cosmas | Universiti Malaysia Sabah
Chua Bee Seok | Universiti Malaysia Sabah
Jasmine Adela Mutang | Universiti Malaysia Sabah

ICSSP-158
The Relationship among Emotional Intelligence, Social Intelligence and Learning Behaviour of Muslim Student
Mali Praditsang | Songkhla Rajabhat University
Computer & Information Science I / Electrical and Electronic Engineering

2015/6/27 Saturday 13:00-14:30  Room 2

Session Chair: Yonglei Tao

SICASE-727
Pw/GAKE: An Efficient and Provably-Secure Password-based Authenticated Group-Key Exchange Protocol
Wuyang Cai ︱ Dalian University of Technology
Yuan Tian ︱ Dalian University of Technology

SICASE-388
The Newest Double-Population Particle Swarm Optimization
Wenjing Liu ︱ Inner Mongolia University of Science & Technology
Jianguo Wang ︱ Inner Mongolia University of Science & Technology
Zhijie Zhang ︱ Inner Mongolia University of Science & Technology
Da Lv ︱ Bao Tou College

SICASE-776
Learning Issues in Opportunistic Software Development
Yonglei Tao ︱ Grand Valley State University

SICASE-818
Active Low Pass Filter with Transmission Zero Using OTA-TURC
Sorapong Wachirarattanapornkul ︱ King Mongkut’s Institute of Technology Ladkrabang (KMITL)
**Communication / Sociology**

**2015/6/27 Saturday 14:45-16:15**

Session Chair: *Moon J. Lee*

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**ICSSP-47**
**Digitalized and Mediatized Self in NetFrameWork. The Personal Strategy of Self-Representation and Control in Online Networks**
Katalin Feher | *Budapest Business School Research Centre*

**ICSSP-175**
**A Comparative Study of Serial Verb Patterns in Thai and Chinese Animal Tales**
Yan Luo | *Kasetsart University*
Thanwaporn Sereechaikul | *Kasetsart University*

**ICSSP-196**
**Uses of Social Media in Government Public Relations: A Content Analysis of PR Strategies and Tactics Comparison between South Korea and the United States of America**
Moon J. Lee | *University of Florida*
Moonhoon Choi | *University of Florida*

**ICSSP-20**
**Use of Gayspeak among Filipino Heterosexual Couples and Its Perceived Effect on Their Relationships**
Ramer Valad-On Oxino | *Philippine Normal University*
Economics / Finance

2015/6/27 Saturday 16:30-18:00 Room 1

Session Chair: Tatiana Vladimirovna Kolpakova

ICSSP-82
Resource Use and Technical Efficiency Analysis of Hybrid Maize Farmers in Myanmar
Thi Mar Win | Kyushu University
Hisako Nomura | Kyushu University
Mitsuyasu Yabe | Kyushu University

ICSSP-83
Model of Household Kitchen Waste Separation Behavior: A Case Study of Beijing
Yalin Yuan | Kyushu University
Hisako Nomura | Kyushu University
Mitsuyasu Yabe | Kyushu University
Yoshifumi Takahashi | Kyushu University

ICSSP-85
Tourists’ Preferences for Eco-Friendly Services Related to River Conservation of Hotel Industry: A Case Study of Namxong River in Vangvieng District, Laos
Phouthivong Khamsay | Kyushu University
Hisako Nomura | Kyushu University
Mitsuyasu Yabe | Kyushu University

ICSSP-164
Input-Oriented Technical Efficiency of Tea Production in the Northern Mountainous Region of Vietnam
Nguyen Bich Hong | Kyushu University
Mitsuyasu Yabe | Kyushu University

ICSSP-178
Chinese Investment in Economic Development of Baikal Region of Russia
Tatiana Vladimirovna Kolpakova | Transbaikal State University
ICSSP-104
Gold as a Hedge Against Stock: A Case Study of Pakistan
Muhammad Irfan | COMSATS Institute of Information Technology
Yusra Ali | COMSATS Institute of Information Technology
Ihtisham Abdul Malik | COMSATS Institute of Information Technology
Biological Engineering / Biomedical Engineering / Fundamental Science

2015/6/27 Saturday 16:30-18:00 Room 2

Session Chair: Vinoth Jagaroo

SICASE-701
Experimental and FEM Study of Red-Blood Cells
Zhao Yong | Alfaisal University
Mohamed Tarek Abdelaty | Alfaisal University
Ibrahim Nabeel Muhssen | Alfaisal University
Muhammad Usman Zafar | Alfaisal University
Nourah Abdulaziz N Alrubaiq | Alfaisal University
Arwa Abdullah S Alanqary | Alfaisal University
Samah F. AlAbbasi | Alfaisal University
Randa AlNounou | Kingdom of Saudi Arabia

SICASE-729
Neurocognitive Systems and Biomedical Engineering: Optimization through the Phenotype-Marker Approach and Neuroinformatics
Vinoth Jagaroo | Boston U. School of Medicine & Emerson College
William J. Bosl | University of San Francisco

SICBENS-1292
Single and Mixed Microbial Biosorbents and the Influence of Their Varying Dosages on Removal of Lead (Pb) in Multi-Metal Solutions
Adeline Su Yien Ting | Monash University Malaysia
Carrie Siew Fang Sim | Monash University Malaysia

SICBENS-1300
Obesity Crusade through Structural Study on FTO and Its Inhibitor Design
Yonggui Gao | Nanyang Technological University
Joel D.W. Toh | Institute of Molecular and Cell Biology
Lingyi Sun | National University of Singapore
Esther C. Y. Woon | National University of Singapore
SICASE-732
Case Study: Experimental of New Propeller Design 2 Blades Type and Observation Cavitation of Tailing Thai Boat
Jaruphant Noosomton | Kasetsart University
Sarinya Sanitwong Na Ayutthayaa | Kasetsart University

SICASE-829
Model and Algorithm of Violator Detector Network problem: Application on Traffic Network
Amber Shafiq | Korea Advanced Institute of Science & Technology
Oral Sessions – June 28th, 2015

Management II

2015/6/28 Sunday 09:00-10:30  Room 1

Session Chair: Hwee Ling Lim

ICSSP-22
Effective Knowledge Transfer Methods for Work Skills: Gen Y Preferences in the UAE Workplace
Hwee Ling Lim | The Petroleum Institute

ICSSP-81
SMART Quality of Low Cost Airlines in Thailand: The Comparison of Northern & Southern Flight Services
Pakin Witchayakawin | Chiang Rai Rajabhat University

ICSSP-101
In Search of Meritocracy in Indonesia: Lesson Learned from Education Unit in Aceh Province and East Java, Indonesia
Amy Y S Rahayu | University of Indonesia
Krisna Puji Rahmayanti | University of Indonesia

ICSSP-69
An Empirical Study of Creating Shared Value and Revenue Growth in the Banking Industry
Fumihiko Isada | Kansai University
Yuriko Isada | Kwansei Gakuin University

ICSSP-48
A Study on the Risk Management and Crisis Handling of Military Disciplinary Incidents
Cheng-Chi Huang | Asia University
Tain-Fung Wu | Asia University
Ji-Shiun Luo | National Defense University Management College
Material Science & Engineering

2015/6/28 Sunday 09:00-10:30 Room 2

Session Chair: Adita Evalina Fitria

SICASE-771
Interfacial Reactions of the Cu/Sn/Ni Sandwich Couples
Tzu-Ting Huang | National Taiwan University of Science and Technology
Shin-Jung Chai | National Taiwan University of Science and Technology
Yee-Wen Yen | National Taiwan University of Science and Technology

SICASE-772
Dissolution Behavior of Ni Substrate and Ni3Sn4 Phase in Molten Lead-Free Solders
Yen Wei Chang | National Taiwan University of Science and Technology
Meng Han Guo | National Taiwan University of Science and Technology
Yee Wen Yen | National Taiwan University of Science and Technology

SICASE-734
Development of A Method to Design An Electric Activated NiTi-Based Shape-Memory Wire Actuator
Benjamin Fleczok | Ruhr University Bochum
Dieter Kreimeier | Ruhr University Bochum

SICASE-740
An Investigation Using Self-Sensing to Estimate the Lifetime of Shape Memory Actuators
Christian Rathmann | Ruhr University Bochum
Benjamin Fleczok | Ruhr University Bochum
Dieter Kreimeier | Ruhr University Bochum
SICASE-753
Effect of Carbon Nanotube Composition to Enhance Wear Resistance and Self –
Lubrication Cylinder Liner Based on CNT – Al2O3 + 13% TiO2 Nanocomposite by Cold
Spraying Method
Adita Evalina Fitria | Universitas Indonesia
Aulia Fitriani | Universitas Indonesia
Desak Putu Dewi Chrisnanda Indrayuni | Universitas Indonesia
Ernitha Yuniar Ghaisani | Universitas Indonesia

SICASE-755
Development of Leucite Glass-Ceramics for Non-Metallic Dental Product
Siti Mazatul Azwa Bt Saiyed Mohd Nurddin | Mineral Research Centre
Psychology II / Education II

2015/6/28 Sunday 10:45-12:15

Session Chair: Glenn Medallon Calaguas

ICSSP-79
Teaching Vietnamese Language at Universities in Thailand
Siriwong Hongsawan | Ubon Ratchathani University

ICSSP-142
Analogy, Logic and Visual Skills in Solving Word Problems
Minnie Maliwat Liangco | Pampanga State Agricultural University

ICSSP-89
Overcoming College Adjustment Difficulties: Does Resilience Matter?
Glenn Medallon Calaguas | Pampanga State Agricultural University
Session Chair: Prapat Pentamwa

SICASE-708
The Distribution of Aroids along Hau River, Vietnam
Duong Minh Truyen | University Sains Malaysia
Mashhor Mansor | University Sains Malaysia
Amir Shah Ruddin | University Sains Malaysia
Duong Minh Tho | Cantho University
Nguyen Trung Toan | Hong Bang International University

SICASE-805
Heavy Metals Contamination of Community Water Supply in Northeastern Thailand
Prapat Pentamwa | Suranaree University of Technology
Tanisa Wongklom | Suranaree University of Technology
Jitlada Shimmai | Suranaree University of Technology

SICASE-843
Preparation of Sodium Aluminate from Alumina Waste from Petrochemical Industry
Vilaiwan Teankrajang | Chulalongkorn University
Orathai Chavalparit | Chulalongkorn University
Rewadee Anuwattana | Technology Thailand Institute of Scientific and Technological Researcher

SICASE-840
Electrochemical Regeneration of Chloride Contaminated NaY Zeolite Wastes from Petroleum Refinery
Kavidsara Homchuen | Chulalongkorn University
Orathai Chavalparit | Chulalongkorn University
Rewadee Anuwattana | Ministry of Science and Technology Thailand
SICBENS-1326

Environmental Hazards of Radioactive Radiation from Granite Building Stones through a Look into Burien’s Granite Mass in Isfahan

Siyamak Bagheriyan | Islamic Azad University of Shahriyar
Society I / Politics

2015/6/28 Sunday 13:00-14:30 Room 1

Session Chair: Gigi Lam

ICSSP-31
Hong Kong’s Mental Health Policy
Gigi Lam | Tung Wah College
Anita Chi-Kwan Lee | Tung Wah College

ICSSP-45
A Knowledge Management Model for Local Wisdom in Bamboo Shoot Preservation Processing in Western Local Community of Thailand
Apichart Jai Aree | Kasetsart University

ICSSP-63
The Community Welfare Fund of Songkhla in Thailand
Nattapong Apichotdechasakul | Songkhla Rajabhat University
Kanyapas Apichotdechasakul | Songkhla Rajabhat University

ICSSP-96
The Privacy Analysis of Online Trade Market
Jun-Bum Park | University of Science and Technology
Seok-Hyun Kim | Electronics and Communications Research Institute
Jin-Man Cho | Electronics and Communications Research Institute
Dae-Seon Choi | Electronics and Communications Research Institute
Seung-Hun Jin | Electronics and Communications Research Institute

ICSSP-115
Expected Effect of Reconstruction Support Project on Souma City for the 2011 Eastern Japan Mega-Earthquake from the Viewpoint of Historical Geography
Hirotsugu Fujita | Kobe University
ICSSP-58
The Comprehensive Approach and Air&Space Power in the Light of Lesson Learned From Afghanistan Operation (ISAF)
İsmail Akkan | Turkish Air Force

ICSSP-60
To Be Successful in Intelligence Surveillance Reconnaissance (ISR) “Knowledge Management”
Sinan Canli | Turkish Air Force
Computer & Information Science II

2015/6/28 Sunday 13:00-14:30     Room 2

Session Chair: Seonho Choi

SICASE-723
Decision Supporting System Application in Power Generation Technology Selection
Irwanto Walgito Pawiroijan | PLN Indonesia
Zainal Arifin | PLN Indonesia

SICASE-703
A Pilot Study of Real-time Sport Tactic Technique Record, An Example for Badminton APP Application
Chia-Ping Huang | Hsing-Wu University
Pai-Feng Lee | Hsing-Wu University
Cheng-Chung Lu | Hsing-Wu University

SICASE-759
Optimized Design of Geo-Temporal Query Based User Authentication Scheme for Smartphones
Seonho Choi | Bowie State University
Kun Sun | College of William & Mary
Edward Jung | Kennesaw State University
Society II / Sociology

2015/6/28 Sunday 14:45-16:15 Room 1

Session Chair: Pratuang Dinnaratna

ICSSP-121
The Current Situation and Tendency of the Labor Force of the Mining Sector of Mongolia
Altanchimeg Zanabazar | National University of Mongolia
Shurentsetseg Bira | National University of Mongolia
Sarantuya Jigjiddorj | National University of Mongolia
Odgerel Pagvajav | National University of Mongolia
Altanchimeg Dugersuren | National University of Mongolia

ICSSP-120
Migration of Mongolian Labor Force and Challenges Facing Them
Altanchimeg Zanabazar | National University of Mongolia
Narantungalag Bayaraa | National University of Mongolia
Battuya Demberel | National University of Mongolia
Tungalag Jargalsaikhan | National University of Mongolia

ICSSP-177
Thai Language and Chinese Language: A Study of Word Relation
Pratuang Dinnaratna | Kasetsart University

ICSSP-27
“The Floating Lady” Episode of the Ramakien: A Unique episode of Thai Ramayana and Its Significance to Thai Arts
Thaneerat Jatuthasri | Chulalongkorn University
Mechanical Engineering

2015/6/28 Sunday 14:45-16:15

Session Chair: Yanhua Wu

SICASE-704
Flow Topologies of Energetic Turbulence Structures in the Separated Flow Over an Airfoil at Deep Stall
Yanhua Wu | Nanyang Technological University
Hui Tang | Hong Kong Polytechnic University

SICASE-722
The Fracture Prediction of Electromagnetic Steel for Shorten Reheating Process in Furnace
Yu-Hsi Huang | National Taiwan University of Science and Technology
Ching-Kong Chao | National Taiwan University of Science and Technology
Li-Wen Wu | China Steel Corporation
Chia-Hsuan Cheng | National Taiwan University of Science and Technology
Zhen-Yi Fan | National Taiwan University of Science and Technology

SICASE-820
Direct Current Compressor for Vehicle Air Conditioning System in Non-Electric Vehicles
Henry Nasution | Universiti Teknologi Malaysia
Amirah Haziqah Zulkifli | Universiti Teknologi Malaysia
Afiq Aiman Dahlan | Universiti Teknologi Malaysia
Azhar Abdul Aziz | Universiti Teknologi Malaysia

SICASE-819
In-Cabin Temperature Control and Multi-Circuit Bus Air-Conditioning Systems
Henry Nasution | Universiti Teknologi Malaysia
Azhar Abdul Aziz | Universiti Teknologi Malaysia
Amirah Haziqah Zulkifli | Universiti Teknologi Malaysia
Afiq Aiman Dahlan | Universiti Teknologi Malaysia
Poster Presentation

Poster Session (1)

Biomedical Engineering / Biological Engineering / Natural Science

2015/6/27 Saturday 13:30-14:30

4F Pre-Function Area

SICASE-745
Swelling Characterization of Photo-Cross-Linked Gelatin Methacrylate Spherical Microgels for Biomedical Applications
Jinmu Jung | Chonbuk National University
Hyojae Kim | Chonbuk National University
Kyoungin Kang | Chonbuk National University
Jonghyun Oh | Chonbuk National University

SICASE-797
Effect of Titanium Content on Structural and Sensing Properties of TbTixOy Sensing Films for Electrolyte-Insulator-Semiconductor Sensors
Tung-Ming Pan | Chang Gung University
Bo-Rong Peng | Chang Gung University
Chih-Wei Wang | Chang Gung University
Wu-Shiung Feng | Chang Gung University
Lifeng Chi | Westfälische Wilhelms-Universität

SICBENS-1287
Development and Evaluation of ELISA for Diagnosis of Cystic Echinococcosis
Aitbay Bulashev | Seifullin Kazakh Agrotechnical University
Orken Akibekov | Seifullin Kazakh Agrotechnical University
Gulmira Abulgazimova | Seifullin Kazakh Agrotechnical University
SICBENS-1306
Application of Hydroxynitrile Lyase from Prunus Amygdalus Turcomanica in Kinetic Resolution of Racemic Mandelonitrile
Dilek Alagöz | Çukurova University
Deniz Yildirim | Çukurova University
Seyhan Tükel | Çukurova University

SICBENS-1330
Immature Seed as a Novel Explant for Indirect Somatic Embryogenesis in a Woody Tree; Dalbergia Sissoo Roxb
Hafiz Mamoon Rehman | Chonnam National University

SICBENS-1334
Cross-Linked Enzyme Aggregates of Hydroxynitrile Lyase from Wild Appricot
Deniz Yildirim | University of Çukurova
Dilek Alagöz | University of Çukurova
Seyhan Tükel | University of Çukurova

SICBENS-1333
A Method to Prepare Large Amount of Sg-6 Saponins from Wild Soybean Seeds
Mei Itabashi | Chonnam National University
Ayaka Kurosaka | Iwate University
Panneerselvam Krishnamurthy | National Academy of Agricultural Sciences, RDA
Chigen Tsukamoto | Iwate University
Tai-Sun Shin | Chonnam National University
Seung Hwan Yang | Myongji University
Gyuhwa Chung | Chonnam National University

SICBENS-1336
The Cases Study and Species Selection(Butterfly, Plant) for the Butterfly Garden Landscaping
Jinkwan Son | National Academy of Agricultural Science, RDA
Siyoung Lee | National Academy of Agricultural Science, RDA
Jongku Kim | National Academy of Agricultural Science
Minjae Kong | Relationship of Dankook Univ. and Rural Development Administration
Donghyeon Kang | National Academy of Agricultural Science
Response of Red Blood Cell ATPase Activity in Freshwater Fish (Oreochromis Niloticus) Exposed to Copper in Differing Ca²⁺ Levels

Gülüzar Atli | Cukurova University
Esin G. Kanak | Cukurova University
Mustafa Canli | Cukurova University
Poster Session (2)

Civil Engineering / Electrical and Electronic Engineering /
Environmental Sciences / Fundamental & Applied Sciences /
Material Science and Engineering

2015/6/27 Saturday 15:00-16:00 4F Pre-Function Area

SICASE-798
Effect of Principal Axis Orientation on Seismic Capacity of Shear Governed RC Columns
Wen-I Liao | National Taipei University of Technology
Mustapha Jallow | National Taipei University of Technology
Yafatou Sanneh | National Taipei University of Technology
Martin R. Mendy | National Taipei University of Technology

SICASE-803
Resistive Switching Characteristics of Sm2O3 and Lu2O3 Thin Films for Low-Power Flexible Memory Applications
Tung-Ming Pan | Chang Gung University
Han-Xuan Xie | Chang Gung University
Somnath Mondal | Chang Gung University
Keiichi Koyama | Kagoshima University

SICASE-796
Structural and Electrical Properties of High-K Tm2O3 Gate Dielectrics for InGaZnO Thin Film Transistors
Tung-Ming Pan | Chang Gung University
Tung-Yu Wu | Chang Gung University
Fa-Hsyang Chen | Chang Gung University
Keiichi Koyama | Kagoshima University
SICASE-779
Green Bikeway Planning for Sustainable Environment in Scenic Area
Yao-Tsung Ko | Tunghai University
Ming-Shih Chen | Tunghai University
Pei-Ling Wu | Tunghai University

SICASE-765
Phthalide, a New Naturally Occurring Bioactive Compound from Trichoderma Harzianum WuHQ75 against Chilli Anthracnose
Chotika Jeerapong | Walailak University
Worrapong Phupong | Walailak University
Warin Intana | Walailak University
Patoomratana Tuchinda | Mahidol University
Sopana Wongthong | Nakhon Si Thammarath Rajabhat University

SICASE-823
Construction and Sequencing Analysis of Scfv Antibody Fragment Derived from Monoclonal Antibody Against Norfloxacin (Nor155)
Jirawat Mala | Chulalongkorn University
Sarintip Sooksai | Chulalongkorn University
Tanapat Palaga | Chulalongkorn University
Songchan Puthong | Chulalongkorn University
Kittinan Komolpis | Chulalongkorn University
Yoshinobu Kaneko | Osaka University

SICASE-743
Properties and Microstructure of Cobalt-Based Alloy Layer by Laser Cladding
Yao-Sheng Yang | Kao Yuan University
Yin-Fang Wei | Kao Yuan University
Bo-Yong Chen | Kao Yuan University
Yeou-Yih Tsai | Kao Yuan University
Poster Session (3)

Society / Psychology / Education / Communication / Management

2015/6/27 Saturday 16:30-17:30 4F Pre-Function Area

ICSSP-112
A Strategic Plan to Intervene Crises Through Studying Aged People’s Suicide
Mi Ran Lee | Kosin University

ICSSP-72
Trajectory of Cellular Phone Dependency and Its Relationships with Parental Monitoring and School Adjustment among Korean Adolescents
Jung Ah Choi | Kyung-Il University

ICSSP-73
Associations among Social Support, Self-Efficacy, and School Engagement for Korean Adolescents
Jung Ah Choi | Kyung-Il University

ICSSP-77
A Qualitative Study of Clients Relational Trauma
Wan-Chen Chen | National Chengchi University

ICSSP-180
The Analysis of Misconceptions in Concept Mapping
Yu-Ju Chang | National Chi Nan University

ICSSP-49
A Comparison of Generational Differences of Japanese Working Womens Narrative Styles in the Interviews on Website
Yoko Sasagawa | Kobe-Shinwa Women’s University
ICSSP-86
Service Design Indicator Construction for Rehabilitation Needs of Institutional Long-Term Care for the Elderly

Wan-Li Wei | Ming Chuan University
Shu-Feng Tsai | Mackay Medical College
Ya-Fen Tsai | Ming Chuan University