

Conference Program

March 26-28, 2025

Kyoto, Japan

Content

<i>Welcome Message</i>	<i>4</i>
<i>International Committees</i>	<i>7</i>
<i>General Information for Participants</i>	<i>9</i>
<i>Special Thanks to Session Chairs</i>	<i>11</i>
<i>Conference Venue Information</i>	<i>13</i>
<i>Conference Schedule.....</i>	<i>17</i>
<i>Keynote Address.....</i>	<i>22</i>
<i>Wednesday, March 26</i>	<i>27</i>
<i>Oral Sessions.....</i>	<i>28</i>
<i>Education.....</i>	<i>28</i>
<i>Psychology/ Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice</i>	<i>30</i>
<i>Business & Management I</i>	<i>32</i>
<i>Computer and Information Sciences/Electrical and Electronic Engineering/Information Engineering and Technology</i>	<i>34</i>
<i>Education/ Psychology/Communication</i>	<i>37</i>
<i>Psychology/ Education /Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice....</i>	<i>40</i>
<i>Social Studies/ Psychology</i>	<i>43</i>
<i>Psychology/Education Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice</i>	<i>46</i>
<i>Thursday, March 27.....</i>	<i>48</i>
<i>Oral Sessions.....</i>	<i>49</i>
<i>Business & Management II.....</i>	<i>49</i>

Business & Management/Economics & Finance	52
Business & Management III	54
Mechanical Engineering and Technology/Materials Science and Engineering/Special Session: Automation and Robotics in Applied Sciences/Computer and Information Sciences	56
Civil Engineering	58
<i>Poster Sessions</i>	60
Education/Psychology/Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice/Economics & Finance/Business & Management	60
Mechanical Engineering/ Electrical and Electronic Engineering/ Computer and Information Sciences.....	66

Welcome Message

Local Host:

Prof. Tsuyako Nakamura

Tsuyako Nakamura is a professor at the Faculty of Global Communications of Doshisha University. Her specialty is women's labor issues in the U.S. and Japan. Currently, she is researching work-life integration and employment policy for women's advancement with Grant-in-Aid for Scientific Research from the Japan Society for the Promotion of Science (JSPS). Her major publications include co-authored books, *Work-Life Integration* (2021), *Human Resource Management in the Era of EVP (Employee Value Proposition)* (2018), *Work-life Balance and Management* (2017) and *Creating Gender Equal Workplace* (2004). She finished her Ph.D. course at Doshisha University after obtaining M.A. at Monterey Institute of International Studies in California as a Rotary International student. She was a Fulbright Visiting Scholar at Stanford University and Harvard University in 2009-2010. She has been active for social leadership programs including TOMODACHI MetLife Women's Leadership Program as the first-year mentor/chaperone (2013), and Kansai Economic Federation's women's empowerment program as coordinator (2014-2023). From June 2021 to August 2024, she served as president of the Japan Academy of Labor Management.



Dear Friends and Colleagues,

Hello from Japan! As the local host for 2025, I am pleased to welcome you to the joint conference of ACEAIT, ICBASS, ICEAP, and HKICEAS, taking place from March 26 to 28, 2025 in Kyoto, Japan.

Kyoto served as Japan's capital for over 1,000 years (794-1868) and is known for its deep traditions, religion, and culture. It is a popular travel destination worldwide, home to numerous national treasures, including 17 UNESCO World Heritage sites.

Kyoto is renowned for its fine arts, crafts, textiles, and culinary delights, including sake and green tea. Moreover, it is home to several innovative leading companies recognized worldwide for their work in electronics, ceramics, game software, and medical equipment. The city offers a fascinating fusion of ancient traditions and modern advancements.

The Kyoto Research Park (KRP), which opened in 1989, is Japan's first privately operated research park. It was developed through collaboration with Kyoto Prefecture, Kyoto City, and local industries. Conveniently located near JR Kyoto Station, KRP lies at the center of the "Kyoto Innovation Belt," which stretches from Katsura Innovation Park through the southern part of Kyoto City and extends towards Keihanna Science City. This venue serves as an innovation hub (iHub), aimed at connecting people, information, and advancements in science and technology.

At this unique venue, you will have the chance to meet and engage with other attendees through discussions and exchanges. This joint conference offers a wonderful platform for you to present your research and explore various academic fields and interdisciplinary studies. It will serve as a valuable global opportunity for gaining insights and inspiration for your future research.

I encourage you to take some time to explore the hidden gems of Kyoto during your stay. This will help you discover new aspects of the country and connect with the experiences of people from ancient times. Additionally, there is a social event planned—a day trip to Amanohashidate, which offers one of the best views in Japan, as well as visits to the Ine Boathouses (Funaya) and Miyama Thatched Village on March 28th. These are must-see destinations in your lifetime. (See <https://icbass.org/page/31> for more information.)

I am particularly delighted that this joint conference will be held at the end of March, coinciding with the beautiful cherry blossom season in this area. You will be welcomed by stunning scenery and our attentive staff. This conference will provide you with the opportunity to meet and interact with active researchers, friends, colleagues, as well as exhibitors and organizers.

I hope you gain new inspiration for your research and expand your network through these new connections. Please don't miss this opportunity to join the conference from March 26 to 28, 2025, in a city rich with tradition, inspiration, and innovation. We sincerely look forward to seeing you at the joint conference of ACEAIT, ICBASS , ICEAP and HKICEAS 2025 in Kyoto!

International Committees

Amy Lee, Hong Kong Metropolitan University

Vida D. Jimenez, Philippine Christian University

Chunghwei Su, National Kaohsiung University of Science and Technology

Angela Gandra, Mackenzie Presbyterian University

Madhusudan Datta, University of Kalyani

Neal Luo, Emporia State University

José Vargas Hernandez, University of Guadalajara

Jonald De Guzman, Bigo Elementary School

Warner Woodworth, University of Utah

Ann Mary, Teresian College

Pei-Chun Lin, National Cheng Kung University

Kuang-Cheng Chen, National Taipei University of Technology

A. W Jayawardena, The University Of Hong Kong

Bob Barrett, Web School of Business

Vijayakumar Babuavadhanula, Osmania University

Kun-Chung Li, Nanhua University

Lauren Suzanne Power, Sophia University

Michelle Kawamura, Ritsumeikan University

Johan Van Rooyen, Webster University

Cheng-I Chen, National Central University

Elcid Bautista Pared, Southridge School

*Pranati Panda, National Institute of Educational Planning and
Administration*

Jong-Dar Yau, Tamkang University
Sangho Kim, Ritsumeikan Asia Pacific University
Ahmad Mahdavi, University of Tehran
Wen-Tsai Sung, National Chin-Yi University of Technology
April Aura A. Cacho, Northern Iloilo State University
K M Metry, Kannada University
Chin-Yi Fang, National Taiwan Normal University
Chih-Ying Lee, Nanhua University
Marilyn Obod, World Citi Colleges
Jung Yun Hur, California State University
Mohamad Hanapi, Asia E University
Zonghie Han, Daegu University
Hitoshi Sasaki, Takushoku University
Nam Chol Yu, Kimchaek University of Technology

General Information for Participants

■ Registration

The registration desk will be situated on the **4F** at the **Kyoto Research Park (KRP) #Bldg 1** during the following time:

08:30-17:00 Wednesday, March 26

08:30-15:00 Thursday, March 27

■ A Polite Request to All Participants

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

■ 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:

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

Special Thanks to Session Chairs

Kayo Iizuka	<i>Senshu University</i>
Men-Shen Tsai	<i>National Taipei University of Technology</i>
Misuk Lee	<i>Seattle University</i>
Edward Chu	<i>Hong Kong Metropolitan University</i>
Tan Vo-Thanh	<i>Excelia Business School</i>
Yi-Syuan Tseng	<i>National Tsing Hua University</i>
Janet Chang	<i>National Kaohsiung University of Hospitality and Tourism</i>
Chi-Wai Kan	<i>The Hong Kong Polytechnic University</i>
Lynsey Mori	<i>Kyoto University of Foreign Studies</i>
Dusadee Ayuwat	<i>Khon Kaen University</i>
Chii-Shyan Kuo	<i>National Taiwan University of Science and Technology</i>

Ho Nam Cheung

The University of Hong Kong

Muhammad Hafiizh

Kumamoto University

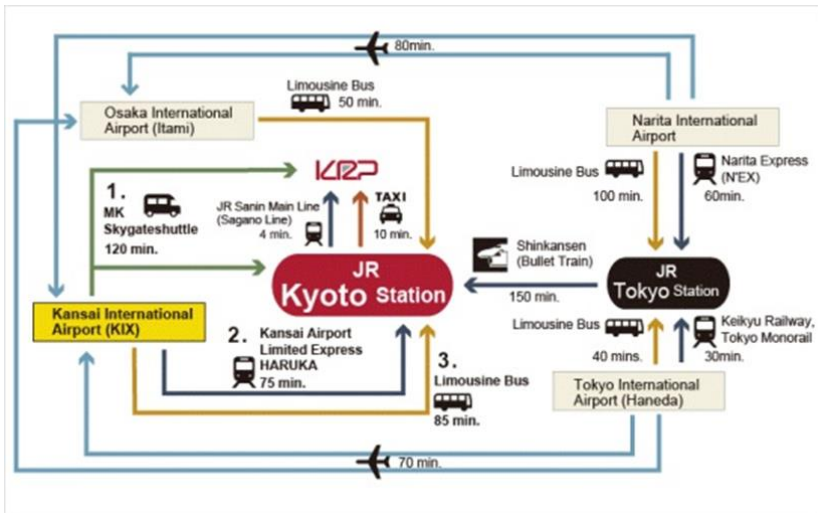
Imaaduddiin

Kyoto Research Park (KRP) #Bldg 1

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



ACCESS TO KRP



1. From Kansai International Airport to Kyoto City

- MK Skygateshuttle

This service takes you directly to your destination. A Shuttle reservation is required 2 days before your arrival date. The Meeting point (MK counter) is located next to Gate H of the airport South Exit. Traveling time is about 120 minutes.

- Kansai Airport Limited Express HARUKA, by Japan Railway(JR)

Traveling time to Kyoto Station is 75 minutes. The tickets can be purchased at the station office.

- Limousine Bus, by KATE (Kansai Airport Transportation Enterprise)

This bus leaves every 30-40 minutes. Traveling time to JR Kyoto Station is about 85 minutes. The tickets can be purchased from vending machines located near the bus stops.

2. From JR Kyoto Station to KRP

- Taxi

10 minutes (Approx. 1,000 JPY)

- JR San-in (Sagano) line (Local)

Please get off at the second stop, Tambaguchi Station (4 minutes, 140 JPY). 4 minutes to walk from the station to Kyoto Research Park.

Floor Plan



Registration: Foyer Area,

Oral Sessions: Room A, Room B, Room C

Poster Session: Room G

Lunch: Atrium, 1st floor

Conference Schedule

Wednesday, March 26, 2025

Oral Sessions

Kyoto Research Park (KRP) #Bldg 1, 4F

Time	Schedule	Venue
08:30-15:00	Registration	Foyer Area
09:00-10:30	Education	Room A
	Psychology/ Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice	Room B
	Business & Management I	Room C
10:30-11:00	Tea Break & Networking	Foyer Area
10:30-12:00	Computer and Information Sciences/Electrical and Electronic Engineering/Information Engineering and Technology	Room C

11:00-11:20	Local Host: <u>Prof. Tsuyako Nakamura</u>	Room A
11:20-12:00	Keynote Address: <u>Dr. Barbara Kennedy</u> Topic: <i>Navigators to Success: A Strengths-Based Transition Program for Students on the Autism Spectrum</i>	Room A
12:10-13:30	Lunch & Networking	Atrium
13:30-15:00	Education/ Psychology/Communication	Room A
13:30-15:00	Psychology/Education/ Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice	Room B
13:30-15:00	Social Studies	Room C
15:00-15:30	Tea Break & Networking	Foyer Area
15:30-17:00	Psychology/Education/ Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice	Room B

Thursday, March 27, 2025

Oral Sessions

Kyoto Research Park (KRP) #Bldg 1, 4F

Time	Schedule	Venue
08:30-15:00	Registration	Foyer Area
09:00-10:30	Business & Management II	Room B
09:00-10:30	Business & Management/Economics & Finance	Room C
10:30-11:00	Tea Break & Networking	Foyer Area
11:00-12:00	Keynote Address: <u>Prof. David Flath</u> Topic: <i>Japanese Newspaper Publishers' Response to the Advent of Internet Advertising</i>	Room B
12:00-13:30	Lunch Time	Atrium
13:30-15:00	Business & Management III	Room B
13:30-15:00	Mechanical Engineering and Technology/Materials Science and Engineering/ Special Session: Automation	Room C

and Robotics in Applied Sciences/Computer
and Information Sciences

15:30-17:00 Civil Engineering

Room C

Thursday, March 27, 2025

Poster Sessions

Kyoto Research Park (KRP) #Bldg 1, 4F

Time	Schedule	Venue
08:30-15:00	Registration	Foyer Area
10:00-11:00	Education/Psychology/Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice/Economics & Finance/Business & Management	Room G
14:00-15:00	Mechanical Engineering/ Electrical and Electronic Engineering Computer and Information Sciences	Room G

Friday, March 28, 2025

Socializing Event (Optional)

Registration Required

(Please email conference secretariat)

Keynote Address

Room A

March 26, Wednesday 11:20-12:00

Topic: Navigators to Success: A Strengths-Based Transition Program for Students on the Autism Spectrum

Dr. Barbara Kennedy

Eastern Florida State College

Eastern Florida State College (EFCS) has created a free five-week transition program for students on the autism spectrum (ASD) that utilizes data from a University of Florida study conducted by Dean of Students, Barbara Kennedy. The study highlights the narratives of successful community college students (those that have transferred from community college to a top-ranked research university), and their perceptions of the internal and external factors that led to their success. An appreciative inquiry approach was utilized in this study with a focus on strengths-based program development. The program focuses on specific areas such as social excellence, adaptation & regulation, time management & goal setting, career planning, and classroom and campus exploration.

Some statistics following the pilot:

- 100% of the students stated the program was helpful.
- 89% reported a decrease in anxiety about attending college.
- 88% of the students who were registered for the Fall semester, returned for the following Spring.

Dr. Kennedy is eager to share our findings and strategies so that more students can lower their anxiety about attending college and increase their self-efficacy regarding what they have to offer. There is a special emphasis on challenges for this unique and extraordinary population that originates from the thoughts and feelings of those students who have overcome those barriers.

Keynote Address

Room B

March 27, Thursday, 11:00-12:00

Topic: Japanese Newspaper Publishers' Response to the Advent of Internet Advertising

Professor Emeritus

David Flath

North Carolina State University

In 2010, while employed as an adjunct professor of economics at Osaka University I applied for and received a generous three-year grant from the Japan Society for the Promotion of Science, for analysis of two-sided markets, focusing on the Japanese newspaper industry. Thus began a ten-year exploration by me of Japanese newspaper publishers' pricing of subscriptions and print-ads, and how these prices and newspaper publishers' sales and profits were affected by the ongoing rapid increase in internet advertising. In this talk I will explain what I learned from all this about the changing fortunes of Japanese newspaper publishers, and what I learned about carrying out an ambitious research program while working at Japanese universities.

In 2017, Japanese newspaper print advertising revenue, adjusted for inflation, was only half as great as at its 1997 peak. Japanese newspaper circulation also peaked in 1997, and in the two decades following that fell by about one fifth. Underlying these changes in Japanese newspaper revenue and circulation was an 83% decrease in the demand for newspaper print-ads from 1997 to 2017, and a 26% decrease in demand for newspaper subscriptions, measured at the 1997 inflation-adjusted prices of ads and subscriptions. The fall in demand for newspaper ads was directly caused by the rise of the internet and proliferation of internet advertising. The newspaper publishers responded to this shock by lowering their prices of print ads and raising their prices of subscriptions. It was the best they could do in response to a tough situation. The Japanese newspaper industry annual economic profit fell from 4845 100-millions of 2005 yen in 1997 to 1123 100-millions of 2005 yen in 2017. That was a 77 percent decrease but left profit still positive. Very few daily newspapers in Japan have shut down in the last twenty-five years.

My research was supported by Japan Society for the Promotion of Science, Grant-in-Aid for Scientific Research (C), grant no. 22530227, 2010-2013, focusing on the Japanese newspaper industry. It resulted in three published papers:

David Flath, "Japanese Newspapers," *International Journal of Economic Policy Studies*, 15, 2021, pp. 257–299.

David Flath, “Second Degree Price Discrimination by Japanese Newspapers,” *Japan and the World Economy*, 2017, vol. 44, pp. 14-25.

David Flath, “Resale Price Maintenance by Japanese Newspapers,” *Japanese Economic Review*, December 2016, vol. 67, no. 4, pp. 441-473.

Wednesday, March 26

Oral Sessions

Oral Sessions

Education

Wednesday, March 26

09:00-10:30

Room A

Session Chair: Kayo Iizuka

ICEAP-0470

An Effective Course Study Planning Method Linked to Learning Portfolios

Yuho Okai | *Senshu University*

Kayo Iizuka | *Senshu University*

ICEAP-0429

Benefit Analysis of Implementing Generative Medical Records in Nursing Clinical Practice in Taiwan

Szu-Yi Wang | *National Taipei University of Nursing and Health Sciences*

Shiow-Jing Wei | *National Taipei University of Nursing and Health Sciences*

Chia-Jung Hsieh | *National Taipei University of Nursing and Health Sciences*

Mei-Hsiang Lin | *National Taipei University of Nursing and Health Sciences*

ICEAP-0427

**Harnessing AI to Enhance Teachers' Materials
Development and Teaching Practices in the Classrooms**

Zuliati Rohmah | *Universitas Brawijaya*

Fitriah | *UIN Sunan Ampel Surabaya*

ICBASS-0464

**Prognostic Evaluation of Knee Osteoarthritis After
Different Treatment Approaches**

Ke-Sin Liang | *National Kaohsiung University of Science and
Technology*

Chou Tung-Hsiang | *National Kaohsiung University of Science
and Technology*

ICEAP-0423

**Fostering the Most Desirable Leadership Competencies
Through Board Game-Based Learning: A Focus on Student
Learning and Satisfaction**

Patchara Eamcharoen | *Kasetsart University*

ICEAP-0430 (Online)

**Development of Participatory Guidance Activities Program
to Enhance Life Skills in Creative Problem Solving for
Secondary School Students**

Maithai Chaiyapan | *Songkhla Rajabhat University*

Oral Sessions

Psychology/ Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice

Thursday, March 26

09:00-10:30

Room B

Session Chair: Yi-Syuan Tseng

ICEAP-0413

Foreign Language Effect in Self-Compassion Quotes: Psychological Distance, Perceived Support, and Stress Reduction

Yi-Syuan Tseng | *National Tsing Hua University*

ICEAP-0440

Workplace Happiness: What, How and Way forward

Padmavathy Dhillon | *Indian Institute of Management Sambalpur*

ICEAP-0412

Exploring Anxiety Through Agency Appraisal: Categorizing High, Low, and Ambiguous Agency Anxiety

Yi-Syuan Tseng | *National Tsing Hua University*

ICEAP-0396

**Using Social Software to Improve Satisfaction with the
Childhood Immunization Process**

Chia-Ling Chuang | *National Taipei University of Nursing and
Health Sciences*

Mei-Hsiang Lin | *National Taipei University of Nursing and
Health Sciences*

ICEAP-0469

**Savoring Life's Beauty: Integrating Delicious Life Design™
and the BPSS Framework in Psychology Teaching and
Practice**

Mami Yanai | *Office-88 Inc.*

ICEAP-0433 (Online)

**So Much More than Musical Outcomes: Social-Emotional
Learning through Ensemble-based Instrumental Music
Education**

Kwok Chee Katherine Chung | *University of Louisiana at
Lafayette*

Amanda Shuford Mayeaux | *University of Louisiana at
Lafayette*

Oral Sessions

Business & Management I

Wednesday, March 26

09:00-10:30

Room C

Session Chair: Misuk Lee

ICBASS-0467

Modeling Choice Behavior: Interpretable Machine

Learning Approaches

Misuk Lee | *Seattle University*

James Lee | *Seattle University*

ICBASS-0490

Developing a Business Development Theory based on Novel

Cross-Faculty Approach – How Psychology/Human

Behavior Determinants in Business Unlock and Set New

Presidents for Success

Dennis Spit | *Lapland University of Applied Sciences*

Anthony Okuogume | *Lapland University of Applied Sciences*

ICBASS-0493

Trends and Developments in Asset Tokenization: Exploring the Design of REITs Smart Contracts

Li Ping Nan | *National Kaohsiung University of Science and Technology*

Echo Huang | *National Kaohsiung University of Science and Technology*

ICBASS-0479

A Multi-Method Instructional Approach to Enhancing Teaching Quality and Learning Outcomes in In-Service Continuing Education for Supply Chain Optimization

Jenhung Wang | *National Kaohsiung University of Science and Technology*

Pei-Chun Lin | *National Cheng Chung University*

ICBASS-0487 (Online)

The Impact of Team Power Structure on Team Silence and Collective Efficacy: The Interactive Effect of Vertical and Horizontal Power

Yu-Chieh, Lin | *Yuan Ze University*

Chiung-Yi, Huang | *Yuan Ze University*

Oral Sessions

Computer and Information Sciences/Electrical and Electronic Engineering/Information Engineering and Technology

Wednesday, March 26

10:30-12:00

Room C

Session Chair: Men-Shen Tsai

ACEAIT-0356

The Application of First Derivative Grayscale Images in Event Detection for Non-Intrusive Load Monitoring

Men-Shen Tsai | *National Taipei University of Technology*

Yen-Kuang Lin | *National Taipei University of Technology*

Yuan-Ho Li | *National Taipei University of Technology*

ACEAIT-0365

Using Artificial Intelligence to Predict Web User Behavior

Richard Sinn | *San Jose State University*

ACEAIT-0350

A Hybrid Algorithm for Maximum Power Point Tracking (MPPT) via Modified Particle Swarm Optimization (PSO) Scheme

Der-Cherng Liaw | *National Yang Ming Chiao Tung University*

Xuan-You Ma | *National Yang Ming Chiao Tung University*

Chieh-Sung Yang | *National Yang Ming Chiao Tung University*

ACEAIT-0346

Exploring the Applications and Domains of Group Formation Approaches: A State-of-the-Art Review

Anon Sukstrienwong | *Bangkok University*

Kittipat Savetratanakaree | *Bangkok University*

Charinya Tayapiwattana | *Bangkok University*

Pansavuth Khehasukcharoen | *Bangkok University*

ACEAIT-0345

A Social Hierarchy Based Hybrid Optimization Method — A New Approach

Ming-Zhe Lian | *National Central University*

Chunshien Li | *National Central University*

HKICEAS-0078

**Testing Mobile Apps with Black-Box and Coverage
Techniques**

Wan-Yi Hsieh | *National Taiwan University*

Farn Wang | *National Taiwan University*

Su-Ching Pan | *University of Kang Ning*

Oral Sessions

Education/ Psychology/Communication

Wednesday, March 26

13:30-15:00

Room A

Session Chair: Edward Chu

ICEAP-0461

The Effects of CLIL on Student Psychological Development

Edward Chu | *Hong Kong Metropolitan University*

ICEAP-0418

Integration of COVID-19 Risk Analysis into Nursing Education for Clinical Decision-Making

Mei-Fang Chen | *National Taipei University of Nursing and
Health Sciences*

Mei-Ling Yeh | *National Taipei University of Nursing and
Health Sciences*

ICEAP-0411

**Challenges in Materials Development: Exploring EFL
Pre-Service Teachers' Experiences and Solutions**

N. Niwesworakarn | *Thammasat University*

K. Soontornwipast | *Thammasat University*

ICBASS-0474

**The New Generation of Emerging Communication Modes
among People after COVID-19**

Li, Hui-Ming | *National Kaohsiung University of Sciences and
Technology*

Hung, Echo | *National Kaohsiung University of Sciences and
Technology*

Cheng, Jinn-Shing | *National Kaohsiung University of
Sciences and Technology*

ICEAP-0420

**Teacher-Targeted Bullying by Students: Impact on
Teachers' Well-being**

Hui-Ying Mao | *National Tsing Hua University*

Yi-Syuan Tseng | *National Tsing Hua University*

Kuan-Ming Chen | *National Tsing Hua University*

Yen-Ping Chang | *National Tsing Hua University*

ICBASS-0465

**A Study of the Attitudes on Virtual Images of Brands in
Advertising**

Seungkoo Kang | *Korea National Open University*

Oral Sessions

Psychology/ Education /Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice

Wednesday, March 26

13:30-15:00

Room B

Session Chair: Lynsey Mori

ICEAP-0428

Teacher Perspectives on Emotional Regulation in Japanese EFL Classrooms: Navigating SEL and Technology in Relational Pedagogy

Lynsey Mori | *Kyoto University of Foreign Studies*

Amelia Ijiri | *Kyoto Institute of Technology*

Peter Galante | *Hitosubashi University*

ICEAP-0457

Narcissist Leadership: A Retrospective Review and Future Research Agenda

Saumyaranjan Sahoo | *Indian Institute of Management
Sambalpur*

ICEAP-0500

**An Overview of the Bioecological Model and its
Implications to Clinical Supervision**

Jared Lau | *Texas Tech University*

ICEAP-0484

**Using Asset-Based Community Development Principles and
A Socio-Cultural Approach to Enhance Socio-Emotional
Learning and Growth Mindset in South African based
Resource-Constrained School Settings: A Proposal**

Zonke Zungu | *University of Cape Town*

ICEAP-0438

**Exploring the Emotional Well-Being of Parents and the
Impact of SAFE Activities with 5-Week Workshop**

Gamze Camci | *Plymouth Institute of Education*

ICEAP-0434 (Online)

**Understanding Challenges and Resources that Impact the
Well-Being of Underserved Students in Pursuing STEM
Pathways**

Ramya Kumar | *Stanford University*

Jocelyn E. Nardo | *Ohio State University*

Sharday N. Ewell | *University of Mississippi*

Cissy J. Ballen | *Auburn University*

Shima Salehi | *Stanford University*

Oral Sessions

Social Studies/ Psychology

Wednesday, March 26

13:30-15:00

Room C

Session Chair: Dusadee Ayuwat

ICBASS-0459

Illegal Migration Networks of Thai International Migrants

Dusadee Ayuwat | *Khon Kaen University*

Rukchanok Chumnannmak | *Khon Kaen University*

Nattapon Meekaew | *Khon Kaen University*

Supee Samorna | *Udon Thani Rajabhat University*

Adirek Rengmanawong | *Khon Kaen Provincial*

Administrative Organization

Nattawat Auraiampai | *Burapha University*

ICBASS-0458

Working Patterns of Youth Migrant Workers in Thailand

Kaweesak Phujampa | *Khon Kaen University*

Dusadee Ayuwat | *Khon Kaen University*

ICBASS-0457

Working Patterns of Generation Z Workers in Gender Dimension

Pattarnaporn Yamsamruan | *Khon Kaen University*

Dusadee Ayuwat | *Khon Kaen University*

ICBASS-0449

The Impact of Satisfaction of Residential Environment on Depression and Safety Perception of Elderly Disabled People: The Moderated Mediation Effect of Discrimination Perception

Jihong, Cheong | *Asia LIFE University*

ICBASS-0456

The Impacts of Illegal Migration of Thai International Migrants on Households Left Behind

Nattawat Auraiampai | *Burapha University*

Dusadee Ayuwat | *Khon Kaen University*

Rukchanok Chumnannmak | *Khon Kaen University*

Nattapon Meekaew | *Khon Kaen University*

Supee Samorna | *Udon Thani Rajabhat University*

Adirek Rengmanawong | *Khon Kaen Provincial Administrative Organization*

ICEAP-0449 (Online)

**Development of an Integrated Learning Activity Package to
Enhance Self-Awareness from Bullying in University
Students**

Maneenuch Rongpol | *Songkhla Rajabhat University*

Petch Rongpol | *Songkhla Rajabhat University*

Kriangsak Rattakul | *Songkhla Rajabhat University*

Maithai Chaiyapan | *Songkhla Rajabhat University*

Oral Sessions

Psychology/Education Special Session - Innovations in Education and Psychological Well- being: Bridging Theory and Practice

Thursday, March 26

15:30-17:00

Room B

Session Chair: Ho Nam Cheung

ICEAP-0452

Beyond Brilliance: Gender Dynamics and Self-Compassion in the Hidden Struggles of Gifted Youth

Ho Nam Cheung | *The University of Hong Kong*

ICEAP-0502

Sense of Community and Civic Attitudes: The Interplay of Motivation and Social Environment

Dietermar Say | *National Tsing Hua University*

Joyce Say | *National Tsing Hua University*

Chin-Cheng Ni | *National Tsing Hua University*

ICEAP-0431

Curating in Digital Cultural Heritage: Innovative Practices and Impact Assessment in Digital Game-based Learning

Chia Hui Nico Lo | *Yuan Ze University*

ICEAP-0509

**The Struggle between Tradition and Modernity:
Secularization's Impact on Youth Identity and Beliefs**

Joyce Say | *National Tsing Hua University*

Dietermar Say | *National Tsing Hua University*

Chin-Cheng Ni | *National Tsing Hua University*

ICEAP-0503 (Online)

**The Influence of Leader-Perceived Confidant Roles on
Team Member Interactions, Team Performance, and Trust
in Confidants**

Hsiu-Tzu, Hung | *Yuan Ze University*

Thursday, March 27

Oral/ Poster Sessions

Oral Sessions

Business & Management II

Thursday, March 27

09:00-10:30

Room B

Session Chair: Tan Vo-Thanh

ICBASS-0466

Evaluating the Destination Image Congruence: An Expectancy-Disconfirmation Theory Perspective

Tan Vo-Thanh | *Excelia Business School*

Van Thuy Phan | *Holding Phan Group*

Thi Nhu Hoa Nguyen | *Hue University*

Van-Ha Luong | *Paris School of Business*

Mustafeed Zaman | *EM Normandie Business School*

ICBASS-0455

Effect of “Omotenashi” on Contentment, Gratitude, Interest, Customer Delight, and Loyalty toward Accommodation Services

Rungarun Khasasin | *Thai-Nichi Institute of Technology*

Sansoen Sattavorn | *Thai-Nichi Institute of Technology*

ICBASS-0454

**A Mathematical Programming approach to Fuzzy
Malmquist Productivity Index**

Shiang-Tai Liu | *Vanung University*

ICBASS-0444

**Impact of Appeals and Storytelling on Advertising
Communication Effectiveness of Facebook Fan Page Posts
During Holidays**

Ying-Feng Kuo | *National University of Kaohsiung*

Jia-Ze Liao | *National University of Kaohsiung*

Wen-Chen Lin | *National University of Kaohsiung*

Jia-Fu Zhang | *National University of Kaohsiung*

ICBASS-0511

**Leading With Purpose: Strategic Move Through
Sociocognitive Concern Toward the Inclusive Growth**

Palin Phoocharoon | *National Institute of Development
Administration*

ICBASS-0473 (Online)

**Total Quality Management in the Manufacturing and
Service Sectors of Kuwait**

Abdulwahab Al-Othman | *Kuwait Institute for Scientific
Research*

Adil Naseeb | *Kuwait Institute for Scientific Research*

Oral Sessions

Business & Management/Economics & Finance

Thursday, March 27

09:00-10:30

Room C

Session Chair: Chii-Shyan Kuo

ICBASS-0510

Effects of Conservatism on Corporate Investment during the Global Health Crisis: Evidence from Family Firms in Taiwan

Chii-Shyan Kuo | *National Taiwan University of Science and Technology*

ICBASS-0476

Creating Marketing Strategies for Computer Business by Using Behavioral Economics Principles

Chokchai Chuateskhajorn | *Bank of Thailand*

ICBASS-0492

Optimal Advertising and Pricing Strategies for Firms under Agency Selling

Cheng Hsun Hsieh | *National Chiayi University*

Hsiao Lu | *National Chung Hsing University*

ICBASS-0482

Developing New Leadership Theory with Narrative Fiction

Yee Choy Leong | *Universiti Putra Malaysia*

ICBASS-0477 (Online)

**Study on Corporate Sustainability Activities Involving
Co-Creative Customers**

Maya Koshiba | *Fukushima University*

Masaru Ishioka | *Fukushima University*

Oral Sessions

Business & Management III

Thursday, March 27

13:30-15:00

Room B

Session Chair: Janet Chang

ICBASS-0491

A Study of Staycation Exploring the Perspective of Mindfulness

Janet Chang | *National Kaohsiung University of Hospitality and Tourism*

Yu-Ting Ho | *Ming Chuan University*

ICBASS-0472

The Impacts of Digital Transformation and Intellectual Capital on Digital Marketing Performance

Dinh Khiem Mai | *Global Partners Service Center Corp*

Ja-Shen Chen | *Yuan Ze University*

ICBASS-0470

The Role of Playful Work Design and Psychological Capital for Service Excellence

Pin-Chyuan Hwang | *Shih Hsin University*

Ming-Chuan Han | *Shih Hsin University*

ICBASS-0469

**The Trickle-Down Effects of Supervisors' Green Advocacy
on Employees' Work and Life in the Hospitality Industry**

Ming-Chuan Han | *Shih Hsin University*

Pin-Chyuan Hwang | *Shih Hsin University*

ICBASS-0514

**An Effective Course Study Planning Method Linked to
Learning Portfolios**

Yuho Okai | *Senshu University*

Kayo Iizuka | *Senshu University*

Oral Sessions

Mechanical Engineering and Technology/Materials Science and Engineering/Special Session: Automation and Robotics in Applied Sciences/Computer and Information Sciences

Thursday, March 27

13:30-15:00

Room C

Session Chair: Chi-Wai Kan

HKICEAS-0082

Reverse Micellar Dyeing of Cotton Fabric with Reactive Dye with Biodegradable Non-Ionic Surfactant

Chi-Wai Kan | *The Hong Kong Polytechnic University*

HKICEAS-0079

Development of a Robotic Stapling System for Motorcycle Seat Manufacturing

Cheng-Kai Huang | *National Chin-Yi University of Technology*

Bo-Yo Lu | *National Chin-Yi University of Technology*

HKICEAS-0084

**Performance Comparison of Different Short-Circuit
Intervals and Durations in PEMFC Stacks**

Yu-Chih, Chen | *National Chin-Yi University of Technology*

Yu-Chuan, Chang | *National Chin-Yi University of Technology*

Cheng-En, Ye | *National Chin-Yi University of Technology*

Tien-Fu, Yang | *National Chin-Yi University of Technology*

Yean-Der, Kuan | *National Chin-Yi University of Technology*

Oral Sessions

Civil Engineering

Thursday, March 27

15:30-17:00

Room C

Session Chair: Muhammad Hafiizh Imaaduddiin

ACEAIT-0343

Impact of Land Use Changes on Flood Dynamics: A Case Study of Waterfront City Development in Surabaya Utilizing Smart Technology

Muhammad Hafiizh Imaaduddiin | *Kumamoto University*

Ryuji Kakimoto | *Kumamoto University*

ACEAIT-0342

CareStride: Intelligent Walking Aid with Fall Detection for Seniors

Pimphaporn Chonviriyabun | *Ruamrudee International School*

Davids Makararpong | *The University of the Thai Chamber of Commerce*

Mahasak Ketcham | *King Mongkut's University of Technology North Bangkok*

HKICEAS-0083

Unconfined Compressive Strength of Rubber Wood Fly Ash Geopolymer Stabilized Lateritic Soil

Cherdsak Suksiripattanapong | *Rajamangala University of Technology Isan*

Yongyut Bamrungphon | *Rajamangala University of Technology Isan*

Wisitsak Tabyang | *Rajamangala University of Technology Srivijaya*

Sermsak Tiyasangthong | *Rajamangala University of Technology Isan*

Komkorn Chaidachatorn | *Rajamangala University of Technology Isan*

Nattiya Wonglakorn | *Rajamangala University of Technology Isan*

ACEAIT-0362 (Online)

Road Functional Feasibility Study on the Route to the Beach Tourism Area in Jember Regency

Falah Salsabila | *Universitas Sebelas Maret*

Ary Setyawan | *Universitas Sebelas Maret*

Fajar Sri Handayani | *Universitas Sebelas Maret*

Poster Sessions

Education/Psychology/Special Session - Innovations in Education and Psychological Well-being: Bridging Theory and Practice/Economics & Finance/Business & Management

Thursday, March 27

10:00-11:00

Room G

ICEAP-0464

Perceptions and Issues relating to Training Facilities Moving Toward Adoption of Digitalization of Training Records for Nursing Students

Sakiko Sumai | *Shubun University*

Norio Ishii | *Ichinomiya Kenshin College*

ICEAP-0448

The Relationship Between Social and Emotional Skills and Mathematical and Reading Literacies

Chuan-Ju Lin | *National University of Tainan*

ICEAP-0436

**Moderating Effects of Individual Strengths
on University Students' Organizational Commitment**

Yue Zhao | *Japan Advanced Institute of Science and
Technology*

Naoshi Uchihira | *Japan Advanced Institute of Science and
Technology*

ICEAP-0435

**Application of Self-Efficacy Theory in the Holistic Nursing
Care for a Patient with Bilateral Pheochromocytoma
Resection: A Case Report**

Yu Ching Huang | *Fu Jen Catholic University Hospital*

ICEAP-0419

**Application of Swanson's Caring Theory in the Holistic
Nursing Care of a Patient with Acute Lupus Pneumonitis
and Respiratory Failure: A Case report**

Chun Yi Huang | *Fu Jen Catholic University Hospital*

ICEAP-0415

Learning Chinese as a Second Language in Taiwan-A Case Study of Vietnamese Students from Southern Taiwan

Chiung-Li Li | *Meiho University*

Pei-En Hsieh | *National Taichung University of Science and Technology*

Yi Hsuan Chen | *Meiho University*

ICEAP-0397

Development of a Programming Learning Environment for Primary School Students using Block Programming

Hitoshi Sasaki | *Takushoku University*

Rikiei Watanabe | *iNexus Inc.*

Zhenbin Zhang | *iNexus Inc.*

ICEAP-0394

Comparative Effectiveness of Movie-Based Learning versus Traditional Teaching Methods in Psychiatric Medical Education

Tidarat Thodthankhun | *Pranangklae Hospital Medical Education Center*

Tanya Vichaikosol | *Pranangklae Hospital Medical Education Center*

Naphat Jitudomwatthana | *Pranangklae Hospital Medical Education Center Office*

ICEAP-0441

The Influence of Big Five Personality Traits on Response Biases in Assessing Health-Promoting Lifestyles

Shih Wei Yang | *Tainan University of Technology*

Tsai Wei Huang | *National Chiayi University*

Malcolm Koo | *Tzu Chi University*

ICEAP-0421

Third Place's A Charm: Understanding the Perspective and Experiences of Teenagers on the Lack of Third Places in Urban Areas in the Philippines

Sasha Gaebrielle G. Layugan | *Enderun Colleges*

Ainah Corina B. Dimasacat / *Enderun Colleges*

ICEAP-0414

Optimization of UV-Resistant Formulas for *Photorhabdus luminescens* Using Taguchi Grey Relational Analysis

Chienyan Hsieh | *National Kaohsiung Normal University*

Tsung-Chun Lin | *Taiwan Agricultural Research Institute*

Jun-Feng Su | *Taiwan Agricultural Research Institute*

ICEAP-0408

**Taiwanese College Students' Fear of Negative Evaluation:
The Role of Attachment and Self-Compassion**

Yen-Ting Chen | *Wagor International School*

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

ICEAP-0424

**Substrates Effect on Tuber borchii Solid-State Cultivation
for Biomass and Triterpenoids Productions**

Y.-C. Liu | *National Chung Hsing University*

Y.-H. Lin | *National Chung Hsing University*

ICBASS-0478

Analysis of Bitcoin Cost and Price Gap

Narissara Charoenphandhu | *Rangsit University*

Thoedsak Chomtohsuwan | *Rangsit University*

Kosol Songneam | *Rangsit University*

ICBASS-0471

Bitcoin Hash Rate Forecasting Model

Thoedsak Chomtohsuwan | *Rangsit University*

Narissara Charoenphandhu | *Rangsit University*

Yiting Fang | *Rangsit University*

ICBASS-0450

Transitioning to Sustainable Lifestyle using Persuasive Design: A Case of Green Point System Design

Li-Hsing Shih | *National Cheng Kung University*

Ying-Xuan, Wu | *National Cheng Kung University*

ICEAP-0451

Enhancing Students' Sleep and Emotional Well-being: A Quasi-Experimental Study of a Sleep-Emotion Curriculum and AI-Based Lighting System

Ya-Ting Carolyn Yang | *National Cheng Kung University*

Jeen-Shing Wang | *National Cheng Kung University*

Poster Sessions

Mechanical Engineering/ Electrical and Electronic Engineering/ Computer and Information Sciences

Thursday, March 27

14:00-15:00

Room G

ACEAIT-0368

Study on YOLOv7 Combined with Feature Enhancement for Recognition of Traffic Signals

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

Zi-Yi Jian | *National Yunlin University of Science and
Technology*

ACEAIT-0360

Telemetry System for Growing Agricultural Crops using a Compact Spectrometer with an Optical Fiber Probe

Koichi Muro | *Teikyo University*

Ryuya Sasanuma | *Teikyo University*

Koki Abe | *Teikyo University*

Keita Yokoo | *Teikyo University*

ACEAIT-0351

A Novel Direct Stochastic Algorithm for Solving Nonconvex Dynamic Economic Generation and Reserve Dispatch Considering Significant Wind Power

Cheng-Ta Tsai | *National Taiwan Ocean University*

Chun-Lung Chen | *National Taiwan Ocean University*

ACEAIT-0344

An Adaptive Split Algorithm for Learned Image Compression with Fully Connected Neural Network Based Lifting Scheme

Hsi-Chin Hsin | *National United University*

Chien-Kun Su | *Chung Hua University*

Cheng-Ying Yang | *University of Taipei*

HKICEAS-0085

Removal of Sulfamethoxazole from Water by Photocatalyzation with TiO₂ Coated Optical Fiber

Xin-zi Wang | *National Pingtung University of Science and
Technology*

Kuan-Chung Chen | *National Pingtung University of Science
and Technology*

HKICEAS-0081

Smoothing Control Strategy Based on Improved Gaussian Filter for Photovoltaic Generation System

Cheng-I Chen | *National Central University*

HKICEAS-0080

Flexible NH₃ Gas Sensor based on Noble Metals/Polythiophene/Reduced Nanocomposite Materials

Pi-Guey Su | *Soochow University*

Shu-Yao Huang | *Chinese Culture University*

ACEAIT-0363

Balancing Computation and Data Latency of KV Cache for LLM Inference Services on Resources-limited Machines

Kuang-Hsiang Kuo | *National Yang-Ming Chiao-Tung University*

Tay-Jyi Lin | *National Chung Cheng University*

Tien-Fu Chen | *National Yang-Ming Chiao-Tung University*

HKICEAS-0086

Influence of the Welding Sequence on the Residual Stress of a Bogie Frame

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

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

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

Wei-Han Chu | *National Pingtung University of Science and Technology*

Xin-Kai Ding | *National Pingtung University of Science and Technology*

HKICEAS-0087

Design and Performance Analysis of Lithium-ion Battery Direct Cooling System

Ding-Yang Chang | *National Pingtung University of Science and Technology*

Ming-Yen Chang | *National Pingtung University of Science and Technology*

Jui-Kai Liu | *National Pingtung University of Science and Technology*

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

ACEAIT-0339

Metal drift of Co, Ru, and CoRu in SiO₂ film

Yi-Lung Cheng | *National Chi-Nan University*

Bo-Jie Liao | *National Chi-Nan University*

Hao-Wei Zhang | *National Chi-Nan University*

Zhong-Chen Zhang | *National Chi-Nan University*

Po-Yu Tseng | *National Chi-Nan University*

Yen-Jui Chen | *National Chi-Nan University*

Zheng-Yao Hong | *National Chi-Nan University*

ACEAIT-0389

Recycling Industrial Waste to Preparation of Eco-Catalyst for Relatively Highly-Efficient Methylene Blue Degradation

Kae-Long Lin | *National Ilan University*

Ya-Wen Lin | *Da-Yeh University*

Yu-Xuan Shi | *National Ilan University*

Wei-Hao Lin | *National Ilan University*

Hao-Han Chien | *National Ilan University*