



March 25-27, 2025
Taichung, Taiwan

Sus-LAB 5th

2025 Sus-Lab 5th International Conference



Section A: March 26 (13:30-15:00)

Host: Dr. Neng-Fu Shih Location: Building A 2nd F, A0206

***Please kindly note: For each speech, the time limitation is 15 minutes.**

Time	Paper ID.	Author's Name	Paper Title
13:30 15:00	1-1	Shu-Jen Chen	A Longitudinal Study on the Impact of Gender and Education Level on Knowledge, Attitudes, and Behaviors in Food and Agriculture Education: A Case Study of the Implementation of the USR Project
	1-2	Palis Anambutr Rion Anjelo Vizconde Cabigting Wesley Wei-Wen Hsiao Po-Ting Lin Iman Adipurnama I-Ju Teng Taweechai Amornsakchai Duc-Thang Vo	Carboxymethyl Chitosan-Coated Pineapple Leaf Fibers via Autoxidized Tannic Acid for Anionic Dye Removal
	1-4	Shih-Chan Chien, Tung-Yuan Ni Erich Kai-Fan Chang Geeng-Jen Sheu	Sustainable Development and Potential Applications of Fluid Ionization Technology
	2-1	Ekasit Nugoolcharoenlap	An Efficiency Improvement Technique for High Frequency Passive Devices Based on the Superconducting Materials

Section D: March 26 (15:30-17:00)

Host: Dr. Neng-Fu Shih Location: Building A 2nd F, A0206

***Please kindly note: For each speech, the time limitation is 15 minutes.**

Time	Paper ID.	Author's Name	Paper Title
15:30 17:00	7-1	Neng-Fu Shih Chia-Yen Wei	Implement of Drone flight teaching by using Digital Materials and teaching aids through action research
	2-4	Jiun-Chuan Chao	Methods for Setting Topics at National Science and Technology Conference: Taking Net-Zero Emissions and Sustainability as an Example
	2-6	Yau-Ren Shiau Shuien-Lin Chiou	Preventive Maintenance Planning for Carbon Emission Anomaly Warning
	2-11	Jiangyun Chen Songyu Jiang Nutteera Phakdeephrot	Willingness of Chinese Students to Participate in Thai Festival Base on Technology Acceptance Model
	2-3	Ming-Te Cheng	A Preliminary Study of the Taiwan's National Science Council's "Draft Basic Law on Artificial Intelligence"



March 25-27, 2025
Taichung, Taiwan

Sus-Lab 5th

2025 Sus-LaB 5th International Conference



Section B: March 26 (13:30-15:00)

Host: Dr. Jia-Lin Lu Location: Building A 5th F, A0509

***Please kindly note: For each speech, the time limitation is 15 minutes.**

Time	Paper ID.	Author's Name	Paper Title
13:30 15:00	6-1	Nathee Monthonwit	The relationship between gamers' motivation to engage with particular video game genres and their sexual orientation and gender identity
	6-2	Shiu-Hua Wu Kuo-Shan Yao	Potential of Artificial Intelligence Generated Content Technology in Character Design for Picture Books
	6-4	Kek-Hong Lim Uei-Ren Chen	Exploring Wartime Art and Overseas Chinese Patriotism from the Nanyang Perspective
	6-7	Nai-Ying Chang Hao-Yuan Cheng	Enhancing Lifelong Learning: A Case Study on English Reading and Vocabulary Instruction in Continuing Education
	6-8	Vince Jia-Lin Lua Cindy Hsing-Yu Wang	Avant Garde of SDGs Practitioner in Sarah Orne Jewett's A White Heron

Section E: March 26 (15:30-17:00)

Host: Dr. Jia-Lin Lu Location: Building A 5th F, A0509

***Please kindly note: For each speech, the time limitation is 15 minutes.**

Time	Paper ID.	Author's Name	Paper Title
15:30 17:00	6-9	Yona (Yu-Ying) Yen Shwu-Ting Lee Steven Hsiao	Taking Taiwan as an example to view the impact of the 'Decontextualized modern urban planning' paradigm
	6-10	Fan Kong Prapatpong Senarith	The Strategic Management of University Students Volunteer Service Practices under the Perspective of Three-Complete Education in Luoyang Normal University, Henan Province
	5-1	Atcharawan Phenwansuk	The study of the Toddy Palm Learning Center for the development and promotion of creative tourism of Tham-Rong community in Ban Lat District, Phetchaburi Province
	5-4	Yi Ouyang Songyu Jiang	Exploring Development Trends of Yunnan Coffee Shops: A Latent Dirichlet Allocation (LDA) Approach to Consumer Reviews



Section C: March 26 (13:30-15:00)

Host: Dr. Wen-Hui Yang Location: Building A 2nd F, A0204

Time	Paper ID.	Author's Name	Paper Title
13:30 15:00	3-4	Chaojie Hu	Purchase Intent of Fenjiu Among Elderly Consumers in Shanxi Province
	4-1	Nutteera Phakdeephrot Bo Zhang	Servant leadership influences employee turnover intention based on Psychological Contract, Organizational Commitment, and Employee Satisfaction
	4-3	Yu-Ching Huang Yu-Hwa Lin	A Study on Female Leadership Styles, Job Burnout, and Turnover Intention
	2-9	Yau-Ren Shiau Shih-Ru Yu	Construction of Remaining Useful Life Prediction Models

Section F: March 26 (15:30-17:00)

Poster Papers Location: Building A 4th F, A0408

Time	Paper ID.	Author's Name	Paper Title
15:30 17:00	2-5	Mao-Lin Ciou Shang-Lin Yang	High performance infrared high-pass optical filter designed by multilayer thin-film stack
	2-7	Cong Xu	Nonlinear Dynamics and Regime-Switching in Land-Economy Systems: A Structural Approach to Sustainable Development Under Environmental Uncertainty
	2-8	Chien-Chien Tseng Shang-Lin Yang	Realization of near-infrared low-pass optical filter based on thin-film multilayer structure
	2-10	Akera Ratchavieng	The Development of Platform for Facilitating Knowledge Management Lesson on the Topic of the School Botanical Gardens in Prachuapkhirikhan Province
	4-2	Shwn-Meei Lee Yen-Ting Lin Chen-Wei Lin Gui Ren Hiroshi Honda	Sustainability of Factors for Purchase Intention in Business Environment
	6-5	Pornsawan Amornsakchai Nattapakal Kittisunthonphisarn Nattaphorn Jandee	Development and Production of Interactive Videos for Laboratory Safety Education in Chemistry
	7-2	Shwn-Meei Lee Chien-Liang Lin Yen-Ting Lin Jorge Padmore Hiroshi Honda	Impact of Sustainability in the Quality Improvement of Medical Device