

## KEER2024 Presentation Schedule

Location: Zhong Shang Building, National Taichung University of Science and Technology

November 21st, Thursday				
08:30   09:00	Welcoming Reception & Registration			
Parallel Session A1~A4				
09:20   10:20	A1: <b>Kansei Engineering</b>	A2: <b>Kansei Engineering</b>	A3: <b>Kansei Engineering</b>	A4 <b>Kansei Design</b>
	Room: 7505	Room:7506	Room:7507	Room:7508
	Host: Prof. Kuo-Pin Chang 張國賓教授	Host: Prof. Pei-Shan Teng 鄧佩珊教授 Providence University	Host: Prof. Yen-Liang Wu 吳彥良教授 National Taichung University of Science and Technology	Host: Prof. Hsien-Jung Wu 吳銜容教授 National Taichung University of Science and Technology
	Paper Number: OAA-0002 OBA-0002 OAA-0003 OBA-0004	Paper Number: OAA-0056 OAA-0057 VAA-0005 (On-line)	Paper Number: OBA-0007 OAA-0008 OBA-0008 OAA-0009	Paper Number: OAA-0005 OBA-0005 OAA-0006 OAA-0007
	<b>Opening Ceremony</b>			
10:30   11:10	<b>Opening Remark</b> Tun-Shao Chen, President of National Taichung University of Science and Technology  Tzu-Wei Tsai, Chair of KEER 2024  <b>Special Guests</b>			
11:10   11:30	Coffee Break			
11:30   12:10	<b>Keynote Speaker 1: Prof. Marina Stankovic</b> Chair in Architecture, interior, and product design, University of Applied Sciences HTWK in Leipzig, Germany  Host: Prof. Jui-Che Tu 杜瑞澤教授, National Yunlin University of Science and Technology			

12:10   13:30	Lunch & Free Time				
12:10   13:30	Members Assembly (KEER) / International Exchange Network Forum				
12:10   13:30	Poster Presentation P1				
	Host: Prof. Min-Chi Chiu 邱敏棋教授, National Taichung University of Science and Technology				
13:30   14:30	Parallel Session S1~S2		Parallel Session A5~A7		
	S1: <b>Innovative Design for Cultural Sustainability</b>	S2: <b>Emotion Research in Southeast Asia (SEA): Bridging Cultures, Advancing Design</b>	A5: <b>Kansei Design</b>	A6: <b>Kansei Engineering</b>	A7: <b>Kansei Design</b>
	Room:7203	Room:7208	Room:7505	Room:7506	Room:7507
	Host: Prof. Po-Hsien Lin 林伯賢教授, National Taiwan University of Arts	Host: Prof. Anitawati Mohd Lokman, Universiti Teknologi MARA	Host: Prof. Min-Yuan Ma 馬敏元教授 National Cheng Kung University	Host: Prof. Suomiya Bao, University of Tsukuba	Host: Prof. Chung-Hua Chu 朱中華教授, National Taichung University of Science and Technology
	Paper Number: OCS-0001 OCS-0003 OCS-0004 OCS-0005	Paper Number: OCS-0006 VCS-0006 (On- line) VCS-0007 (On- line) VCS-0014 (On- line)	Paper Number: OBA-0009 OAA-0012 OAA-0013 OAA-0014	Paper Number: OAA-0015 OAA-0016 OAA-0017 OAA-0018	Paper Number: OAA-0019 OAA-0021 OAA-0025 OAA-0026

		VCS-0016 (On-line)				
14:30   14:50	Coffee Break					
14:50   16:00	Parallel Session S3~S6				Parallel Session A8~A9	
	S3: Innovative Design for Cultural Sustainability	S4: Emotion Research in Southeast Asia (SEA): Bridging Cultures, Advancing Design	S5: Exploring the Intersection of Kansei Engineering and Affective Computing in Digital Media Design Research	S6: Image and Media in Kansei Design	A8: Kansei Engineering	A9: Kansei Engineering
	Room: 7203	Room: 7208	Room: 7505	Room: 7506	Room:7507	Room: 7508
	Host: Prof. Po-Hsien Lin 林伯賢教授, National Taiwan University of Arts	Host: Prof. Anitawati Mohd Lokman, Universiti Teknologi MARA	Host: Prof. Teng-Wen Chang 張登文教授, National Yunlin University of Science and Technology	Host: Prof. Chun- Chih Chen 陳俊智教 授, National Kaohsiung Normal University	Host: Prof. Marina Stankovic, University of Applied Sciences HTWK	Host: Prof. Kiersten Muenchinger, University of Oregon
Paper Number: OCS-0011 OCS-0014 OCS-0019	Paper Number: VCS-0001(On- line) VCS-0021(On- line) VCS-0003(On- line) VCS-0022 (On- line) VCS-0004(On- line)	Paper Number: OCS-0015 OCS-0021 OCS-0027 OCS-0028 OCS-0030	Paper Number: OCS-0020 OCS-0032 OCS-0040 VCS-0002 (On-line) VCS- 0017(On- line)	Paper Number: OAA-0028 OAA-0029 OAA-0030 (On-line) OAA-0031	Paper Number: OAA-0032 OAA-0033 OAA-0034 OCA-0001	

		VCS-0023 (Online)				
16:00   17:30	National Taichung Theater Guide Tour					
17:30   20:30	Conference Banquet					
9:00   16:00	Exhibition					

November 22nd, Friday						
08:30   09:00	Welcoming Reception & Registration					
09:20   10:20	Parallel Session A10~A12			Parallel Session B1~B2		C1
	A10: <b>Kansei Engineering</b>	A11: <b>Kansei Engineering</b>	A12: <b>Kansei Engineering</b>	B1: <b>Kansei for Sustainable Design</b>	B2: <b>Kansei for Sustainable Design</b>	C1: <b>Kansei for Innovation Industry</b>
	Room: 7203	Room: 7208	Room:7505	Room: 7506	Room:7507	Room: 7508
	Host: Prof.Li-Shu Lu 盧麗淑教授 National Yunlin University of Science and Technology	Host: Prof. Kevin C.Tseng, 曾俊儒教授 National University of Taipei	Host: Prof. Wei-Lun Lee 李維倫教授 National Taichung University of Science and Technology	Host: Prof. Chung-Yi Chang 張從怡教授 National University of Taichung Science and Technology	Host: Prof.Sheng-Fen Chien 簡聖芬教授 National Cheng Kung University	Host: Prof. Chuan-Po Wang 王譚博教授, National University of Taichung Science and Technology
	Paper Number: OAA-0044 OAA-0045 OAA-0046	Paper Number: OAA-0048 OAA-0049	Paper Number: OAA-0058 OAA-0059 OAA-0060	Paper Number: OBB-0001 VAB-0003 (Online)	Paper Number: OAB-0001 OAB-0002 OAB-0008	Paper Number: OAC-0001 OAC-0002 OAC-0003

	OAA-0047	OAA-0050 OAA-0051	OAA-0061	VAB-0004 (On-line)	OAB-0009	OAC-0004
10:30	<b>Keynote Speaker 2: Prof. Henri Achten</b>					
	Department of Architectural Modelling, Czech Technical University in Prague					
11:10	Host: Prof. Ying-Hsiu Huang 黃英修 教授, National Kaohsiung Normal University					
11:10	Coffee Break					
11:30	<b>Keynote Speaker 3: 村田智明</b>					
	Managing Director of Hers Design Inc., Japan					
12:10	Host: Prof. Li-Hui Lee 李俐慧 教授, Tunghai University					
12:10	Lunch & Free Time					
13:30						
12:10	Members Assembly (TIK)					
13:30						
12:30	Poster Presentation P2					
	Host: Prof. Kuang-Chih Lo 羅光志教授, National Taichung University of Science and Technology					
13:30						
13:30	Parallel Session S7~S10			Parallel Session A13~A14		
	S7: <b>Wellbeing / Experience Quality of Life/ Healthcare</b>	S8: <b>Kansei Issues in Cross-Cultural Design</b>	S9: <b>Competencies Required by Different Positions for Innovation</b>	S10: <b>Kansei in Senses and Interaction</b>	A13: <b>Kansei Design</b>	A14: <b>Kansei Engineering</b>
	Room:7203	Room:7208	Room: 7505	Room: 7506	Room: 7507	Room: 7508
	Host: Prof. Meng-Chieh Jeffrey Lee 李孟杰教授 National Taichung University of	Host: Prof. Kuo-Hsiang Chen 陳國祥教授, National Cheng Kung University	Host: Prof. Yong-Long Chen 陳永隆教授 National Taichung University of Science and Technology	Host: Prof. Jiun-Jhy Her 賀俊智教授 National Taitung University	Host: Prof. Meng-Cong Zheng 鄭孟淙教授 National Taipei University of Technology	Host: Prof. Chun-Heng Ho 何俊亨教授 National Cheng Kung University
14:30						

	Science and Technology					
	Paper Number: OCS-0023 OCS-0034 OCS-0035	Paper Number: OCS-0029 OCS-0031 OCS-0036	Paper Number: OCS-0012 OCS-0016 OCS-0017 OCS-0026	Paper Number: OAS-0004 OCS-0037 OCS-0022 VCS-0005(On-line)	Paper Number: OAA-0040 OAA-0041 OAA-0042 OAA-0043	Paper Number: OAA-0052 OAA-0053 OAA-0054 OAA-0055
14:30   14:50	Coffee Break					
14:50   16:00	Parallel Session S11~S14				Parallel Session A15~A16	
	S11: <b>Wellbeing / Experience Quality of Life/ Healthcare</b>	S12: <b>Kansei Issues in Cross-Cultural Design</b>	S13: <b>Kansei in Senses and Interaction</b>	S14: <b>Kansei Approach to Sustainability Society</b>	A15: <b>Kansei Design</b>	A16: <b>Kansei Design</b>
	Room:7203	Room:7208	Room: 7505	Room:7506	Room:7507	Room: 7508
	Host: Prof. Chien-Kuo Teng 鄧建國教授,	Host: Prof. Cheih-Ying Chen 陳潔瑩教授,	Host: Prof. Wen-Tsong Huang 黃文宗教授,	Host: Prof. Wang-Chin Tsai 蔡旺晉教授,	Host: Prof. Shih-Yun Lu 盧詩韻教授,	Host: Prof. Yang-Cheng Lin 林彥呈教授,
	National Taiwan Normal University	National Taipei University of Business	Chung Yuan University	National Yunlin University of Science and Technology	National Taichung University of Education	National Cheng Kung University
Paper Number: OAS-0005 OCS-0008 OCS-0013	Paper Number: VAS-0001(On-line) VCS-0008(On-line) VCS-0009(On-line) VCS-0020(On-line)	Paper Number: OCS-0007 OCS-0018 OCS-0033	Paper Number: OCS-0009 OCS-0010 OCS-0038 VCS-0015(On-line) VCS-0019(On-line)	Paper Number: OAA-0035 OAA-0036 OAA-0037 OAA-0038	Paper Number: OAA-0062 OAA-0063 OAA-0066 VAA-0006(On-line)	

16:20	Closing Ceremony
	Closing Remarks
17:10	Best Paper Awards
9:00	Exhibition
16:00	

**Paper Code:**

Presentation Form:	Paper Length:	Topic:
O: Oral	A: Long	A: Kansei Engineering / Kansei Design
V: Video	B: Short	B: Kansei for Sustainable Design
P: poster	C: Special session paper	C: Kansei for Innovation Industry
		S: Special session

## Thesis Table of Contents

### Thesis Table of Contents

#### [A1] Topics: Kansei Engineering

Host: Prof. Kuo-Pin Chang 張國賓教授, National Taichung University of Science and Technology

Location: Zhong Shang Building 7505

Date: Thursday, November 21st, 2024

Session	Time	Number	Author	Paper Title
A1	09:20   09:35	OAA-0002	Shimon Honda, Hideyoshi Yanagisawa	Kinetic Design Generation System Based on Mathematical Modeling of Curiosity and Interest
A1	09:35   09:50	OBA-0002	Hiroharu Natsume, Shogo Okamoto	Time-Series Prediction of Subjective Experiences Recorded Using the Temporal Dominance of Sensations Method via Reservoir Network
A1	09:50   10:05	OAA-0003	Keisuke Okahara, Shin'ya Nagasawa	Conditions for High Prices for Luxury Bags in The Secondary Market: Qualitative Comparative Analysis (QCA)
A1	10:05   10:20	OBA-0004	Shogo Okamoto, Hiroharu Natsume	Reservoir Network for Time-Series Prediction of Preference Towards Coffee Products

#### [A2] Topics: Kansei Engineering

Host: Prof. Pei-Shan Teng 鄧佩珊教授, Providence University

Location: Zhong Shang Building 7506

Date: Thursday, November 21st, 2024



Session	Time	Number	Author	Paper Title
A2	09:20   09:35	OAA-0056	Fang-Yu Liao, Chia-Han Yang	Exploring the Appeal Factors of Dopamine Dressing Short Videos on Douyin Through Evaluation Grid Method
A2	09:35   09:50	OAA-0057	Ting-Cheng Chang, Tzu-Wei Tsai	Miryoku Timbre: Exploring the Appeal of Male and Female Voices Through Miryoku Engineering
A2	09:50   10:05	VAA-0005 (On-line)	Anjie Su, Junyi Shen, Shinichi Koyama	Exploring the Relationship Between Visual Stimuli Speed and Comfort: The Role of Interoceptive Sensitivity and Anxiety

**[A3] Topics: Kansei Engineering**

**Host: Prof. Yen-Liang Wu 吳彥良教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7507**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
A3	09:20   09:35	OBA - 0007	Tseng-Ping Chiu, Ya-Chun Yang, Sri Devi Ravana, Nasa Dina, Guo-Ruei Huang	Visual Perception, Emotions, and Culture: A Pilot Study of Cultural Differences in Visual Merchandising Display and Shopping Attributions on Consumer's Emotional Response of E-Commerce Platform
A3	09:35   09:50	OAA - 0008	Yoshihiro Konagaya, Issei Hashimoto, Akihito Kobayashi,	Familiarity-Based Categorization of Sound Field Context Constituting Atmosphere

			Keigo Iwamoto, Kent Nagumo, Akio Nozawa	
A3	09:50   10:05	OBA - 0008	Pi-Jan Chang, Chia-Hui Lin	The Effect of Waterproof Coatings on Indoor Wall Moisture Proofing
A3	10:05   10:20	OAA - 0009	Yuga Oba, Kenta Nagai, Hisaya Tanaka, Jue Zhang	Considerations for Interface Design in MR with Respect to Subjective Distance Perception

**[A4] Topics: Kansei Design**

**Host: Prof. Hsien-Jung Wu 吳銜容教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7508**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
A4	09:20   09:35	OAA- 0005	Tomoko Yonezawa , Shinji Iwata , Naoto Yoshida, Kenji Mase , Yu Enokibori	Controlling Age and Similarity to User's Face for Trustworthiness of Interactive Agent
A4	09:35   09:50	OBA- 0005	Ippeita Dan	Developing Neuromarketing Applications for fNIRS: A Brief Summary of Ongoing Practices
A4	09:50   10:05	OAA- 0006	Shotaro Kush, Hideyoshi Yanagisawa	Insight and In-Depth Interviews
A4	10:05   10:20	OAA- 0007	Aika Kuboki, Jue Zhang	Improving Motivation in a Foreign Language Learning Application Using VR

**[S1] Topics: Innovative Design for Cultural Sustainability**

**Host: Prof. Po-Hsien Lin 林伯賢教授, National Taiwan University of Arts**

**Location: Zhong Shang Building 7203**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
S1	13:30   13:45	OCS- 0001	Yi-Hang Lin, Po-Hsien Lin	A Study on Perceptual Development from The Concept of Service Innovation Design: A Case Study of 7-Eleven Service Experience in Taiwan
S1	13:45   14:00	OCS- 0003	Chang- Wei Chang, Ying- Shueh Shih, Yi-Fu Hsu	The Impact of Reusing Old Houses on Community Sustainable Development: A Case Study of Longquan Street in Taipei City
S1	14:00   14:15	OCS- 0004	Yi-Fu Hsu, Chang- Wei Chang, Chih-Long Lin	Generative Artificial Intelligence to Enhance the Sustainability of Traditional Crafts: The Case of Ceramic Teapots
S1	14:15   14:30	OCS- 0005	Jen-Feng Chen, Yun-Song Chu, Po-Hsien Lin	Innovative Frontiers in Visual Arts: AI's Role in Interdisciplinary Collaboration

**[S2] Topics: Emotion Research in Southeast Asia (SEA): Bridging Cultures, Advancing Design**

**Host: Prof. Anitawati Mohd Lokman, Universiti Teknologi MARA**

**Location: Zhong Shang Building 7208**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
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S2	13:30   13:42	OCS- 0006	Wen-Tsai Sung, Indra Griha Tofik Isa	The Integration of Kansei Engineering and Artificial Intelligence Based on Methodology and Application Perspective: A Review
S2	13:42   13:54	VCS- 0006 (On-line)	Nur Batrisyia Damia Mustafa, Saidatul Rahah Hamidi, Surya Sumarni Hussein, Shuhaida Mohamed Shuhidan	Assistive Tool for Emotion and Importance Quadrant LEIQ™
S2	13:54   14:06	VCS- 0007 (On-line)	Surya Sumarni Hussein, Nur Hanis Solehah Mohd Rosli, Azran Ahmad	Key Determinants of Value-Based Management for ICT Project Delivery: Insights from Kansei Engineering and Emotion Research
S2	14:06   14:18	VCS- 0014 (On-line)	I Made Bambang Ariawan, Shamsiah Abd Kadi, Afiza Ismail, Anitawati Mohd Lokman	Exploring Research Direction for Human Metaverse Interaction
S2	14:18   14:30	VCS- 0016 (On-line)	Liyana Safra Zaabar, Khairul Khalil Ishak, Noor Afiza Mat Razali	Bi-LSTM Kansei Model for Political Security Threat Prediction

**[A5] Topics: Kansei Design**

**Host: Prof. Min-Yuan Ma 馬敏元教授, National Cheng Kung University**

**Location: Zhong Shang Building 7505**

**Date: Thursday, November 21st, 2024**

<b>Session</b>	<b>Time</b>	<b>Number</b>	<b>Author</b>	<b>Paper Title</b>
A5	13:30   13:45	OBA-0009	Wingly Shih	A Gui Implementation of AIGC for Kids
A5	13:45   14:00	OAA-0012	Shunya Ogata, Jue Zhang	Using Breathing Motions of VR Avatars to Induce User Sensations
A5	14:00   14:15	OAA-0013	Sena Amano, Naoki Ikehata, Hayato Hamada, Daichi Chikazu, Hideaki Kimata, Junji Yamato, Naoto Yoshida, Jue Zhang	Investigation of Marker Placement Methods for An AR Application in The Surgical Field
A5	14:15   14:30	OAA-0014	Simon Schütte, Mattias Forsblad	Designing for Change

**[A6] Topics: Kansei Engineering**

**Host: Prof. Suomiya Bao, University of Tsukuba**

**Location: Zhong Shang Building 7506**

**Date: Thursday, November 21st, 2024**

<b>Session</b>	<b>Time</b>	<b>Number</b>	<b>Author</b>	<b>Paper Title</b>
A6	13:30   13:45	OAA-0015	Awoniyi Stephen	Absence Portal

A6	13:45   14:00	OAA-0016	Awoniyi Stephen	Perceptual Graph Performance
A6	14:00   14:15	OAA-0017	Awoniyi Stephen	Small Group and Its Size
A6	14:15   14:30	OAA-0018	Fumio Kimura, Reo Kurita, Yasuki Yamauchi	Effects of Balcony Deck Height on Subjective Evaluation of Living Space

**[A7] Topics: Kansei Design**

**Host: Prof. Chung-Hua Chu, 朱中華教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7507**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
A7	13:30   13:45	OAA-0019	Naoto Yoshida, Hiroto Murakami, Tomoko Yonezawa, Yu Enokibori, Kenji Mase,	Database Construction of Facial Expressions of Elderly Japanese and Evaluation Based On FACS
A7	13:45   14:00	OAA-0021	Ying-Ting Chen, Li-Hui Lee	Analyzing Children's Perception of Playground Equipment Functions Through Behavioral Observations
A7	14:00   14:15	OAA-0025	Asako Noma, Satoko Kanabayash, Satoshi Ishibashi, Hideki Wakabayashi, Takashi Sakamoto,	Differences Between Experts and Novices on Cognitive Behaviors for Circuit Design Review

			Atsushi Maki, Toshikazu Kato,	
A7	14:15   14:30	OAA- 0026	Misaki Kish, Hiroto Inoue, Mizuki Nakajima	Positioning Mapping of Colored Masks in Japan

**[S3] Topics: Innovative Design for Cultural Sustainability**

**Host: Prof. Po Hsien Lin 林伯賢教授, National Taiwan University of Arts**

**Location: Zhong Shang Building 7203**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
S3	14:50   15:05	OCS- 0011	Tze-Fei Huang	Impact of the Audience's Aesthetic Perceptions on The Traditional Dance-Drama - Eternal Love Across the Magpie Bridge
S3	15:05   15:20	OCS- 0014	Jhih-Ling Jiang, Rungtai Lin	Research on Perceptual Differences in Corporate Identity Systems
S3	15:20   15:35	OCS- 0019	Baihui Du	Exploration of Mural Creation in Eastern Zhejiang Art Mural Villages

**[S4] Topics: Emotion Research in Southeast Asia (SEA): Bridging Cultures,  
Advancing Design**

**Host: Prof. Anitawati Mohd Lokman, Universiti Teknologi MARA**

**Location: Zhong Shang Building 7208**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
S4	14:50   15:00	VCS- 0001 (On-line)	Nik Azlina Nik Ahmad, Anitawati Mohd Lokman, Ahmad Iqbal Hakim Suhaimi,	Emotional Preferences in Metaverse Library Interface: A Kansei Analysis

			Munaisyah Abdullah	
S4	15:00   15:10	VCS- 0021 (On-line)	Novi Purnama Sari, Wiwi Prastiwinarti, Anitawati Mohd Lokman, Iqbal Yamin, Ade Isnaa, Lytta Yennia, Raditya Naufal	Developing the Concept of Emotion for Rendang Packaging Design Using Kansei Engineering
S4	15:10   15:20	VCS- 0003 (On-line)	Fatin Nadhirah Zabani, Jo Anne Saw, Nur'aina Daud, Azhar Abd Aziz, Anitawati Mohd Lokman	Exploring Emotion Classification for Children with Autism in Response to Robot Movement: A Preliminary Case Study in Malaysia
S4	15:20   15:30	VCS- 0022 (On-line)	Novi Purnama Sari, Wiwi Prastiwinarti, Rachmadita Dwi Pramesti, Lytta Yennia, Rafi Ramdan Permana	Implementation of K-Means Cluster with Genetic Algorithm to Determining Design Concept for Toast Bread Packaging by Kansei Engineering
S4	15:30   15:40	VCS- 0004 (On-line)	Zaiha Ahmad, Zuraeda Ibrahim, Nordiana Ibrahim, Nur Nafishah Azmi, Moh Sazili Shahibi,	Design Guide for Emotional Evocative Student's Leadership Program



			Anitawati Mohd Lokman	
S4	15:40   15:50	VCS- 0023 (On-line)	Wiwi Prastiwinarti, Novi Purnama Saria, Rafi Ramdan Permana, Lytta Yennia	Extraction of Toast Packaging Design Elements Using Long Short-Term Memory-Neural Network with Kansei Engineering Approach

**[S5] Topics: Exploring the Intersection of Kansei Engineering and Affective Computing in Digital Media Design Research**

**Host: Prof. Teng-Wen Chang, 張登文教授, National Yunlin University of Science and Technology**

**Location: Zhong Shang Building 7505**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
S5	14:50   15:05	OCS- 0015	Huang-Yin Chen, Teng-Wen Chang	Constructing A Curatorial Awareness-Based Sustainable Development Model—A Kansei Engineering Perspective
S5	15:05   15:20	OCS- 0021	Chia Hui Nico Lo	Design For/From Pray- The Building Process of Virtual Pilgrimage Site
S5	15:20   15:35	OCS- 0027	Yingshiu Huang, Syue-Ting Lung	A Research of Kansei Engineering and Affective Computing for Generating Game Controller
S5	15:35   15:50	OCS- 0028	Chen- Syuan Lin, Teng-Wen Chang	Applying Design Puzzle and Kansei Analysis to Analyze the Emotional Factors in The Bionic Modeling Wooden Toy Design Process by Designers
S5	15:50   16:05	OCS- 0030	Tse-Wei Hsu	Ontology Construction and Sentiment Computation Analysis in Animated Series: A Case Study of Mobile Suit Gundam

**[S6] Topics: Image and Media in Kansei Design**

**Host: Prof. Chun-Chih Chen, 陳俊智教授, National Kaohsiung Normal University**

**Location: Zhong Shang Building 7506**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
S6	14:50   15:05	OCS-0020	Tsu-Min Hsiang, Wei-Ming Liao	A Study About Visual Movement of Applying Proximity of Gestalt Psychology on Straight Line
S6	15:05   15:20	OCS-0032	Hao-Yang Chen, Pey-Yune Hu, Lien-Shang Wu	Application of the Immersive Virtual Training
S6	15:20   15:35	OCS-0040	Tzu-Wei Tsai, Su-Ting Tasi, Shao-Han Liao	Applying The Story Context Analysis Method in Teaching Immersive Media Development
S6	15:35   15:50	VCS-0002 (On-line)	Chun-Wei Chen	A Comparative Study Assessing the Effectiveness of Machine Learning Technology Versus the Questionnaire Method in Product Aesthetics Surveys
S6	15:50   16:05	VCS-0017 (On-line)	Chia-Ling Chang	Cognitive Research on AI-Assisted Generation of Animations with Diverse Artistic Styles

**[A8] Topics: Kansei Engineering**

**Host: Prof. Marina Stankovic, University of Applied Sciences HTWK**

**Location: Zhong Shang Building 7507**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
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A8	14:50   15:05	OAA-0028	Yu Enokibori, Jun Yamagami, Naoto Yoshida, Tomoko Yonezawa, Kenji Mase	Unified-Usage-Behavior Based Kansei Sharing Among Who Have Similar Kansei Background
A8	15:05   15:20	OAA-0029	Masakazu Kobayashi, Kenya Muraishi	Optimal Design of Kansei Quality Based on Electroencephalography (EEG)
A8	15:20   15:35	OAA-0030 (On-line)	Yu-Chen Chen, Hsi-Jen Chen, Chia-Han Yang	Relationship Between Conflict Handling Styles and Team Climate in Interdisciplinary Design Course
A8	15:35   15:50	OAA-0031	Takanori Sano, Hideaki Kawabata	Comparison of Facial Attractiveness Models Using Geometric Morphometrics Between Japan and America

**[A9] Topics: Kansei Engineering**

**Host: Prof. Kiersten Muenchinger, University of Oregon**

**Location: Zhong Shang Building 7508**

**Date: Thursday, November 21st, 2024**

Session	Time	Number	Author	Paper Title
A9	14:50   15:05	OAA-0032	Souma Ichinose, Yuichiro Kinoshita	Investigation of Factors Affecting the Impression of Soccer Thumbnail Images
A9	15:05   15:20	OAA-0033	Masanobu Toyohira, Takayoshi Kitamura	Can BIAISO (Non-Sociability Assessment Factors) Be Useful as A New UX Design Perspective to Reduce Dissatisfaction with Unattended Service Systems?
A9	15:20 	OAA-0034	Yoshiki Tominaga,	Pop Advertisement Generation System Based on Regulatory Focus Theory and IEC

	15:35		Emmanuel Ayedoun, Hiroshi Takenouchi, Masataka Tokumaru	
A9	15:35   15:50	OCA-0001	Jin Dian Dian	Research On the Design of Cultural and Creative Products with Bionic Elements

**[A10] Topics: Kansei Engineering**

**Host: Prof. Li-Shu Lu 盧麗淑教授, National Yunlin University of Science and Technology**

**Location: Zhong Shang Building 7203**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
A10	09:20   09:35	OAA-0046	Shiho Okajima, Suomiya Bao	Research On the Development of Audio Games and Visual Stimuli in Audio Games
A10	09:35   09:50	OAA-0044	Can Wang, Kuniko Otomo,	Formative Features and Symbolism of Dragon Patterns in Miao Embroidery in Guizhou Province: Design Elements in Mythological Backgrounds of Decorative Embroidery Patterns
A10	09:50   10:05	OAA-0045	Koichi Takahashi	Proposal of Organizational Design of “Injecting Intent” For Bottom-Up Based Purpose-Driven Management Cultivating A Sense of Unity and Enhancing Visionary Kansei from The Business Unit
A10	10:05   10:20	OAA-0047	Jue Zhang, Asuto Kinoshita	Effects of Visual and Auditory Stimuli on Silences During Multi-Person Communication to Promote Speech

**[A11] Topics: Kansei Engineering**

**Host: Prof. Kevin C.Tseng 曾俊儒教授, National Taipei University of Technology**

**Location: Zhong Shang Building 7208**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
A11	09:20   09:35	OAA- 0048	Koki Ida, Kazuya Oizumi	Prosthetic Leg Cover Design Based on Kansei Evaluation Through Shape Abstraction
A11	09:35   09:50	OAA- 0049	Kyosuke Maeda, Saerom Lee	Development of a Music Recommendation Method Considering Novelty Using User's Kansei
A11	09:50   10:05	OAA- 0050	Tamami Sato, Suomiya Bao	A Study on The Identification of Acceptable Ranges for Wearable Sound with Wearer's Sense of Wearability and Surrounding People's Impressions
A11	10:05   10:20	OAA- 0051	Yaliang Chuang, Po-yang Huang	Sensitizing Designers' Conceptualization with Kansei Design Spaces

**[A12] Topics: Kansei Engineering**

**Host: Prof. Wei-Lun Lee 李維倫教授, National Taichung University of Science and  
Technology**

**Location: Zhong Shang Building 7505**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
A12	09:20   09:35	OAA- 0058	Su-Ting Tasi, Tzu-Wei Tsai	Exploring The Charm Factors of A-RPGs Through Miryoku Engineering
A12	09:35   09:50	OAA- 0059	Shao-Han Liao, Tzu-Wei Tsai	Discussing The Charm Factors of Abstract Dynamic Graphics from The Perspective of Kansei Engineering
A12	09:50 	OAA- 0060	Wei-Hsien Chien,	Interactive Learning System for Self-Directed Learning of Interdisciplinary Team Designers

	10:05		Teng-Wen Chang	
A12	10:05   10:20	OAA-0061	Shuichi Fukuda	Social Emotion: Its Increasing Importance

**[B1] Topics: Kansei for Sustainable Design**

**Host: Prof. Chung-Yi Chang 張從怡教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7506**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
B1	09:20   09:35	OBB-0001	Akira Kondo	Consideration of Information Dissemination to Bring Empathy to Users with Different Backgrounds
B1	09:35   09:50	VAB-0003 (On-line)	Ryota Mima, Taro Obayashi, Ryoho Shinya, Tomoko Yonezawa	Generating Biophilic Design and Visual Complexity of Paintings for Working Environment
B1	09:50   10:05	VAB-0004 (On-line)	Hitoshi Asada, Nobuya Suzuki	The Possibility of Affective Support on Sustainable Cultural Inheritance of Luthier Through Violin Visualization Technology

**[B2] Topics: Kansei for Sustainable Design**

**Host: Prof. Sheng-Fen Chien 簡聖芬教授, National Cheng Kung University**

**Location: Zhong Shang Building 7507**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
B2	09:20   09:35	OAB-0001	Yung-Chia Chiu, Ming-Chyuan Ho,	Public Emotions and Visual Perception of Buildings in The City: A Case Study of Public Buildings in Taiwan

			Jui-Che Tu, Guan-Yu Lin, Pei-Shan Wong	
B2	09:35   09:50	OAB- 0002	Shoto Yamamoto, Kosuke Oiwa, Yasushi Nanai, Kent Nagumo, Akio Nozawa	Feature Extraction Based on Blood Pressure Fluctuation Mechanism in Visible and Near-Infrared Facial Images Using Sparse Coding
B2	09:50   10:05	OAB- 0008	Kiersten Muenchinger	Expressed Material Derivations Influence Perceptions of Product Sustainability
B2	10:05   10:20	OAB- 0009	Martin Bergman B-G Rosén, Lars Eriksson Ola Wagersten	Texture, Gloss, and Color Variation and Perceived Quality of Surfaces: A Kansei Engineering Approach for A Sustainable Plastic Material Selection in Car Interior Design

**[C1] Topics: Kansei for Innovation Industry**

**Host: Prof. Chuan-Po Wang 王讚博教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7508**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
C1	09:20   09:35	OAC- 0001	Wei Te Tsai	AI-ACID: Artificial Intelligence-Assisted Collaborative Industrial Design Innovation
C1	09:35   09:50	OAC- 0002	Maya Yamamoto, Takayoshi Kitamura	An Attempt to Create a Counseling Bot Using Generative AI Inspired by The Trajectory Equifinality Model
C1	09:50   10:05	OAC- 0003	Chuan-Po Wang, Han-Yu Lai	Exploration of the Crisis of Seals' Survival in The Ocean and Its Application in Digital Education
C1	10:05   10:20	OAC- 0004	Pei-Shan Teng, Yao-Jen Fan	Transforming Community Spaces Through Participatory Design: A Case Study in Higher Education

**[S7] Topics: Wellbeing / Experience Quality of Life/ Healthcare**

**Host: Prof. Meng-Chieh Jeffrey Lee 李孟杰教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7203**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S7	13:30   13:50	OCS-0023	Chung-Yi Chang, Jenn-Ann Tan, Meng-Chieh Jeffrey Lee, Tain-Junn Cheng	A Study on The Relationship Between Indoor Thermal Comfort and The Physical and Psychological Perception of The Elderly
S7	13:50   14:10	OCS-0034	Wei-Lun Lee, Yi-Tung Lin, Meng-Chieh Jeffrey Lee, Tain-Junn Cheng	An Initial Investigation of Heart Rate Variability (HRV) Related to Foot Bathing Water Temperature and Vibration Relaxation for The Elderly People.
S7	14:10   14:30	OCS-0035	Yi Chun Kuo, Shih Chiao Sun, Meng Chieh Lee, Tain Junn Cheng	Study of the Correlation Between Indoor Air Quality and Brain Wave of Elder People in An Elderly Nursing Center.

**[S8] Topics: Kansei Issues in Cross-Cultural Design**

**Host: Prof. Kuo-Hsiang Chen 陳國祥教授, National Cheng Kung University**

**Location: Zhong Shang Building 7208**



**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S8	13:30   13:50	OCS-0029	Hsiao-Chen You, Ding-Xiang Luo, Lingyu Ho	A Kansei Engineering Approach to Virtual Personality of Embodied Voice Assistants
S8	13:50   14:10	OCS-0031	Hung-Yu Chang	Cross-Cultural Bamboo Craft Design Collaboration: An Interview Review of Taiwanese Design Assistants and Nicaraguan Craftsmen
S8	14:10   14:30	OCS-0036	Chang-Yu Pan	A Study on Visual Scheme for The History of Automotive Style - Apply Arts History Method to Design History

**[S9] Topics: Competencies Required by Different Positions for Innovation**

**Host: Prof. Yong-Long Chen 陳永隆教授, National Taichung University of Science and Technology**

**Location: Zhong Shang Building 7505**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S9	13:30   13:45	OCS-0012	Yao-Xun Chang, Ki-Yan Ma, Hei-Man Hung	An Initial Exploration of Virtual Reality for Emotional Expression: The Case of "Inescapable Grief"
S9	13:45   14:00	OCS-0016	Young-Long Chen, Jing-Fong Ciou, Chih-Han Lin,	Combined Bidirectional Long Short-Term Memory and Mel-Frequency Cepstral Coefficients with Convolution Neural Network Using Triplet Loss for Speaker Recognition

			Shih-Sheng Lien	
S9	14:00   14:15	OCS-0017	Young-Long Chen, Chuan-Cheng Chung, Li-Hong Qin	An Improved YOLOv5 Model with FRB Method For Product Surface Defect Detection
S9	14:15   14:30	OCS-0026	Chein-Hui Lee, Evelyn Saputri, Min-Chi Chiu	Application of Digital Gamification Systems in Intelligent Automated Learning

**[S10] Topics: Kansei in Senses and Interaction**

**Host: Prof. Jiun-Jhy Her 賀俊智教授, National Taitung University**

**Location: Zhong Shang Building 7506**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S10	13:30   13:45	OAS-0004	Cheih-Ying Chen, Ping-Chia Hsiang	Elderly Acceptance of Virtual Character Exercise Videos
S10	13:45   14:00	OCS-0037	Ting-Cheng Chang, Hsiao-Chen You	Designing Effective Career Websites: A Study on User Experience and Job Seeker Engagement
S10	14:00   14:15	OCS-0022	Jing-Lun Chua,	Exploring The Conceptual Design of Soul Communication Devices from A Speculative Design Perspective

			Chien-Kuo Teng	
S10	14:15   14:30	VCS-0005 (On-line)	Shih-Yun Lu, Yi-Cheng Lin, Wei-Her Hsieh	Exploring Emotional Expression Design in Line Stickers- Utilizing Kansei Engineering and Emotional Design for Market and Brand Enhancement

**[A13] Topics: Kansei Design**

**Host: Prof. Meng-Cong Zheng 鄭孟淙教授, National Taipei University of  
Technology**

**Location: Zhong Shang Building 7507**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
A13	13:30   13:45	OAA- 0040	Ling-Wen Huang, Tseng- Ping Chiu	How Does Personality Influence Your Consumption Habits? Applying Wearable Eye-Tracking to Explore the Consumer's Visual Perception Between Product Personality and Consumer Personality Traits
A13	13:45   14:00	OAA- 0041	Guo-Ruei Huang, Tseng- Ping Chiu	Who Brings Emotional Value to The Bank? A Study on The Visual Perception of Mascot on Bank Payment Cards Using Wearable Eye- Tracking Devices
A13	14:00   14:15	OAA- 0042	Issei Yokota, Kyosuke Maeda, Kazuhiko Kogami, Saerom Lee	Development of the Proposed Method for Extraction of Combination of Topic Transition
A13	14:15   14:30	OAA- 0043	Chih-Yen Lin, Tseng- Ping Chiu	The Impact of Flat and Skeuomorphic Designs on Physical Interface Preferences Across Different Age Groups

**[A14] Topics: Kansei Engineering****Host: Prof. Chun-Heng Ho 何俊亨教授, National Cheng Kung University****Location: Zhong Shang Building 7508****Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
A14	13:30   13:45	OAA-0052	Bo-Kai Chen, Yi-Zhen Wang, Zi-Yang Lin	Exploring The Charm Factors of Smartwatch Among Taiwanese Consumers
A14	13:45   14:00	OAA-0053	Enrick Pereira Da Silva Magalhães, Claudio Esperança, Rodrigo Queiroz Kühni Fernandes, Suomiya Bao	The Emotional Impressions of Digital Tools on Novice Music Composition: A Comparative Study
A14	14:00   14:15	OAA-0054	Bo Liu, Min-Yuan Ma, Shing-Sheng Guan, Yang-Cheng Lin, Syu-Wei Chen, Wei-Ni Hsu, Che-Ming Chang, Yu-Liang Feng	Exploring The Charm Factors of Film Cameras Through Evaluation Grid Method and Quantification Theory Type I: Innovation in Design and Kansei Engineering
A14	14:15   14:30	OAA-0055	Miyu Kimura, Masahito Takano, Kent Nagumo, Akio Nozawa	Assessing Chronic Stress Using Self-Similar Features in Facial Thermal Images

**[S11] Topics: Wellbeing / Experience Quality of Life/ Healthcare****Host: Prof. Chien-Kuo Teng 鄧建國教授, National Taiwan Normal University****Location: Zhong Shang Building 7203****Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S11	14:50   15:05	OAS- 0005	Taiyo Sunny Kojima, Shugo Ono, Atsunari Suzuki, Etsuko Ogasawara, Naoki Takahashi, Toru Nakata, Takashi Sakamoto, Fumitake Sakaori, Toshikazu Kato	Motivation Assisting System for Physical Exercise Based on Classifying Users' Attitudes
S11	15:05   15:20	OCS- 0008	Yu-Han Wang, Satoshi Muraki, Jeewon Choi, Yuk-Wa Fan	How Advanced Technology Design Meet Senior Adults' Emotional Needs? A Case Study of Japanese Senior Adults' Experience.
S11	15:20   15:35	OCS- 0013	Rui Zhu, Tien-Li Chen, Chun-Yueh Hou, Yu Chuang	Optimizing Learning Experience: Innovative Design of Distance Learning Auxiliary Products for Elementary School Students

**[S12] Topics: Kansei Issues in Cross-Cultural Design**

**Host: Prof. Cheih-Ying Chen 陳潔瑩教授, National Taipei University of Business**

**Location: Zhong Shang Building 7208**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
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S12	14:50   15:05	VAS- 0001 (On-line)	Yu Chao, Chien-Kuo Teng	Soft Movement Space Research and Product Creation Under the Aging Experience of Emotional Design
S12	15:05   15:20	VCS- 0008 (On-line)	Cunfeng Pei, Xin Cao	Exploring Product Innovation Design Based on The Systematic Design Method and TRIZ Theory
S12	15:20   15:35	VCS- 0009 (On-line)	Chih-Kuan Lin, Chi-Cheng Cheng, Kai-Shuan Shen	Exploring The Appeal of Pokémon Ga-Olé from The Perspective of Virtual-Real Interaction
S12	15:35   15:50	VCS- 0020 (On-line)	Cailin Huang, Ke Song, Hok Kun Wan	Exploring Cultural Heritage and Innovation: Portuguese Azulejos Tile Art in Macao's Creative Design

**[S13] Topics: Kansei in Senses and Interaction**

**Host: Prof. Wen-Tsong Huang 黃文宗教授, Chung Yuan University**

**Location: Zhong Shang Building 7505**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S13	14:50   15:05	OCS- 0007	Ting-Cheng Chang, Hsiao- Chen You	The Impact of Voice Design on User Perception: A Case Study of Campus Counseling Voice Services
S13	15:05   15:20	OCS- 0018	Yong-Yi Cheng, Jo-Yu Kuo, Han Chen	Kansei Evaluation of Car Interiors In 360-Degree Photo Viewing: Differences Between Flat Display and Virtual Reality
S13	15:20   15:35	OCS- 0033	I-Chia Tsai, Yu-Tien Chang	The Needs and Design of Home Mobility Assistance for The Elderly from The Perspective of Lifestyle

**[S14] Topics: Kansei Approach to Sustainability Society**

**Host: Prof. Wang-Chin Tsai 蔡旺晉教授, National Yunlin University of Science and Technology**

**Location: Zhong Shang Building 7506**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
S14	14:50   15:05	OCS-0009	Hsin-Wei Huang, Yu-Hsu Lee	The Investigation of How Brand Design Language Impacts Young Motorcycle Enthusiasts: Yamaha and Honda as Example
S14	15:05   15:20	OCS-0010	Yen-Ting Chen, Yu-Hsu Lee	Using The ALESSI Evaluation Model to Explore the Shape Structure of Parametric Design Products
S14	15:20   15:35	OCS-0038	Yi Ling Lo	A Preliminary Study on Generative Ai-Assisted Furniture Design - Taking the Torii Entrance Cabinet as An Example
S14	15:35   15:50	VCS-0015 (On-line)	Khuat Duc Anh, Vu Kim Anh, Nguyen Duy Minh, Luong Nguyen Viet Khoa, Ngo Truong Minh, Phan Duy Hung	SmartTM: An IoT-Based Smart Trash Management System
S14	15:50   16:05	VCS-0019 (On-line)	Shih-Cheng Fann	A Preliminary Study on Generative AI Drawing Systems in Design Courses: A Case Study of Introduction to Design

**[A15] Topics: Kansei Design**

**Host: Prof. Shih-Yun Lu 盧詩韻教授, National Taichung University of Education**

**Location: Zhong Shang Building 7507**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
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A15	14:50   15:05	OAA-0035	Tetsuaki Togo, Emmanuel Ayedoun, Hiroshi Takenouchi, Masataka Tokumaru	Product Recommendation System That Promotes Selection Using Dominance Structuring Process
A15	15:05   15:20	OAA-0036	Kara Dinissa Alisjahbana, Hiroyuki Sawamoto, Yuhei Suzuki, Toshihiko Imamura, Yui Kiyoshima, Ami Utsunomiya, Daigo Suzuki, Suomiya Bao	Exploring Cute Character Design Impact on Avatar Impression and Usage Motivation
A15	15:20   15:35	OAA-0037	Riki Matsunaga, Hiroto Inoue	Evaluating the Impression of Optical Flow Generated in Third-Person Video Games
A15	15:35   15:50	OAA-0038	Min-Chi Chiu, Evelyn Saputri, Tzu-Wei Tsai	Assessing Personality Traits and Career Inclinations in MBTI Game Development Design

**[A16] Topics: Kansei Design**

**Host: Prof. Yang-Cheng Lin 林彥呈教授, National Cheng Kung University**

**Location: Zhong Shang Building 7508**

**Date: Friday, November 22nd, 2024**

Session	Time	Number	Author	Paper Title
A16	14:50   15:05	OAA-0062	Lluís Marco-Almagro, Anna Bel Ferreres	Exploring The Relationship Between Gaze Patterns and Image Preference Using Eye-Tracking Technology



A16	15:05   15:20	OAA-0063	Han-Yin Hsu, Li-Shu Lu	Tacit Knowledge and Creative Elements in Display Design
A16	15:20   15:35	OAA-0066	Chor-Kheng Lim	A Study on Reproducing and Creating Emotional Expressions in Art Using Generative Artificial Intelligence
A16	15:35   15:50	VAA-0006 (On-line)	Kuo Pin Chang	Exploring Creative Product Design for Older Adults: A Problem-Based Learning and Design Thinking Approach in University Social Responsibility

**[P1] Poster Presentation**

**Host: Prof. Min-Chi Chiu 邱敏棋教授, National Taichung University of Science and Technology**

**Location: 2F, Zhong Shang Building**

**Date: Thursday, November 21st, 2024**

Number	Author	Paper Title
PAA-0002	Shuo-Ting Wei, An-Ting Lee, Huai Hsu, Ming-Jou Hsu, Wen-Yu Chen, En-Ying Lin, Sheng-Chuan Chang	Tactile Toy Design and Evaluation for Blind Children
PBA-0002	Kiyomi Yoshioka	Comparison of Psychological Evaluations When Opponents in Facial Rock-Paper-Scissors are Face Illustration Images or Real Persons
PBA-0003	Mikihiro Ishii, Kazunari Ito	The Proposal of Pictogram with Facial Expression as Background
PAA-0003	Xuan-Xuan Tao, Chun-Heng Ho, Min-Yuan Ma	Empathy Maps in Persona Construction
PBA-0004	Aika Yukimoto, Jumpei Hayashi,	Crossmodal Correspondences Between Taste and Vision Regarding Complexity of Shape

	Takeo Kato, Hideyoshi Yanagisawa	
PBA-0005	Kimihiko Yamanaka	Emotion Intensity in Acoustic Features and Classification Accuracy Using Support Vector Machine
PAA-0007	Hidetsugu Suto, Naoko Yamaji	Design of a Japanese Language Education Community: World Bibliobattle Championship
PBA-0007	Ami Oba, Kasumi Sato, E.A. Chayani Dilrukshi, Shusaku Nomura	Development of an Analytical Protocol for Six Hormones in Fingernails
PBA-0008	Akira Asano, Yu Shimada, Chie Muraki Asano	Relationship Between the Advancing/Retreating Properties of Colors and Object Shape Distortion
PAA-0009	Liwen Zhang, Takashi Sakamoto, Kato Toshikazu	Enhancing Relaxation Through Portable Footbaths with Virtual Visuals and a Sulfur Scent
PBA-0009	Koki Otaka, Atsushi Osa	Predicting Method for Appearance of Moving Objects in Instantaneous Presentation
PBA-0010	Isamu Motoyoshi, Narumi Ogawa, Tomomi Itoi, Hironori Maruyama	Texture Statistics as Determinants of Emotional Valence of Natural Images and Sounds

**[P2] Poster Presentation**

**Host: Prof. Kuang-Chih Lo, 羅光志教授, National Taichung University of Science and Technology**

**Location: 2F, Zhong Shang Building**

**Time: Friday, November 22nd, 2024**

Number	Author	Paper Title
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PBA-0011	Shio Ko, Suzuka Jikihara, Hiroto Inoue	Subjective Evaluation of Semi-Transparency Methods as Measures Against Occlusion in Video Games
PAA-0011	Yan Wang, Toshimasa Yamanaka, Toru Sato	Interrelationship Between Sensory Perception and Emotion with Visual Information, Focused on Feeling of Pain
PAA-0012	Masashi Komori, Hiroto Yano, Teppei Teraji, Takuya Sugimoto, Shigekazu Ishihara	Fine-Tuning Image Generative AI for Embedding Impression Space: A Case Study on Milt Carton Design
PBA-0013	Harumi Edo, Masaru Nakano	A Case Study of the Development of a Card-Based Role-Playing Game for Learning About Communication
PBA-0014	Ryoichi Tamura, Akane Kondo, Yun Jing, Akira Kondo	The Desirability of Wearable Devices for Energetic Elderly Single-Person Household Members - Toward the Promotion of Usage
PBB-0002	Hui-Ru Liu, Pin-Xuan Li, Yin-Xuan Xu, Chyun-Chau Lin, Chien-Wei Hsu	Innovative Design for Preschool Teacher's Desk and Chair
PBB-0004	Shoi Taki, Ippeita Dan, Yuko Minami, Toru Handa, Yasushi Kyutoku	Comparing Perceptions of Plant-Based Meat Alternatives (PBMA) Between PBMA and Non-PBMA Eaters Using a Co-Occurrence Network on Generated Textural Data
PBB-0005	Shinichiro Ito	Exploring Sustainable Urban-Nature Connections Through Citizen-Participatory Design Workshops

PBB-0006	Cheng-Han Tsai, An-Yang Su, Tsu-Wei Liao, Shi-You Qiu, Hsing-Yu Hou, Chih-Teng Chen, Pei-Jung Wu	The Study of Emotional Responses and Brainwave Changes Induced by Different Essential Oils for Improving the Reading Quality of the Indoor Environment
PBC-0001	Chia-Hung Liu, Min-Chi Chiu, Chung-Hua Chu	The Application of Two-Tier Testing and WSQ Instructional Strategy in Visual Communication Design with the Assistance of Educational Robots
PBC-0002	Hiroshi Takenouchi, Brahim Benaissa, Masataka Tokumaru	New Interactive Evolutionary Algorithm
PBC-0003	Zhong-Wei Lin, Min-Yuan Ma	Co-Create with AI: Exploring the Impact of Generative AI in Industrial Design Ideation Process