



## Advance Program

(updated 12 October 2025)

### Overview

Date	19 Oct. (Sun)	20 Oct. Day 1 (Mon)	21 Oct. Day 2 (Tue)	22 Oct. Day 3 (Wed)	23 Oct. Day 4 (Thu)	24 Oct. Day 5 (Fri)	
9:00 - 10:00		Opening Ceremony & Group Photo	Invited Lectures		Invited Lectures	Taipei City Excursion	
10:00 - 10:30		Invited Lecture	Coffee Break		Coffee Break		
10:30 - 11:00		Coffee Break	Oral Presentation 3		Oral Presentation 5		Oral Presentation 6
11:00 - 12:00		Oral Presentation 1					
12:00 - 13:00		Lunch	Lunch ACA Meeting	Lunch			
13:00 - 14:30	Workshop (14:00-17:00)	Poster Session 1	Poster Session 2	Poster Session 3	Oral Presentation 7		
14:30 – 15:00		Coffee Break					
15:00 – 16:15		Oral Presentation 2	Oral Presentation 4	Judd/CADE/Service Award Ceremonies & Lectures	Oral Presentation 8 (15:00-16:00)		
16:15 – 17:30		SG 1: Arts and Design (AD)	SG 2: Environmental Color Design (ECD)	SG 3: Color Vision & Psychophysics (CVP)	Closing Ceremony (16:00-16:30)		
	Welcome Reception (17:00-19:00)			AIC Gala Banquet (18:00-21:00)	VIP Visit Art-Taipei (19:00-20:30)		

Note: The [location](#) of welcome reception is different to the venue.

- 1 track
- Poster session
- 2 tracks
- Events (optional)

## Day 1 and Day 2

Date	19 Oct. (Sun)	20 Oct. Day 1 (Mon)		21 Oct. Day 2 (Tue)	
Time		Hall A	Hall B	Hall A	Hall B
8:20-9:00		Registration			
9:00 - 10:00		Opening Ceremony & Group Photo		Invited Lectures A Comprehensive Colour Solution across Industries, Luo, Ming Ronnier Algorithmic & Digital Color Expressions Bendito, Petronio	
10:00 - 10:30		Invited Lecture Can Robots See Colour? Westland, Stephen		Coffee Break	
10:30 - 11:00		Coffee Break		Oral 3 Color in Display and Imaging	
11:00 - 12:00		Oral 1 Color and AI			
12:00 - 13:00		Lunch		Lunch	ACA Meeting
13:00 - 14:30	Workshop (14:00-17:00) At the venue	Poster Session 1		Poster Session 2	
14:30 – 15:00		Coffee Break			
15:00 – 16:15		Oral 2A Color Emotion, Harmony & Preference	Oral 2B Spectral Analysis and Image Enhancement	Oral 4A Color in Arts and Culture	Oral 4B Color Education
16:15 – 17:30			SG 1 Arts and Design (AD)		SG 2 Environmental Color Design (ECD)
	Welcome Reception (17:00 - 19:00)				

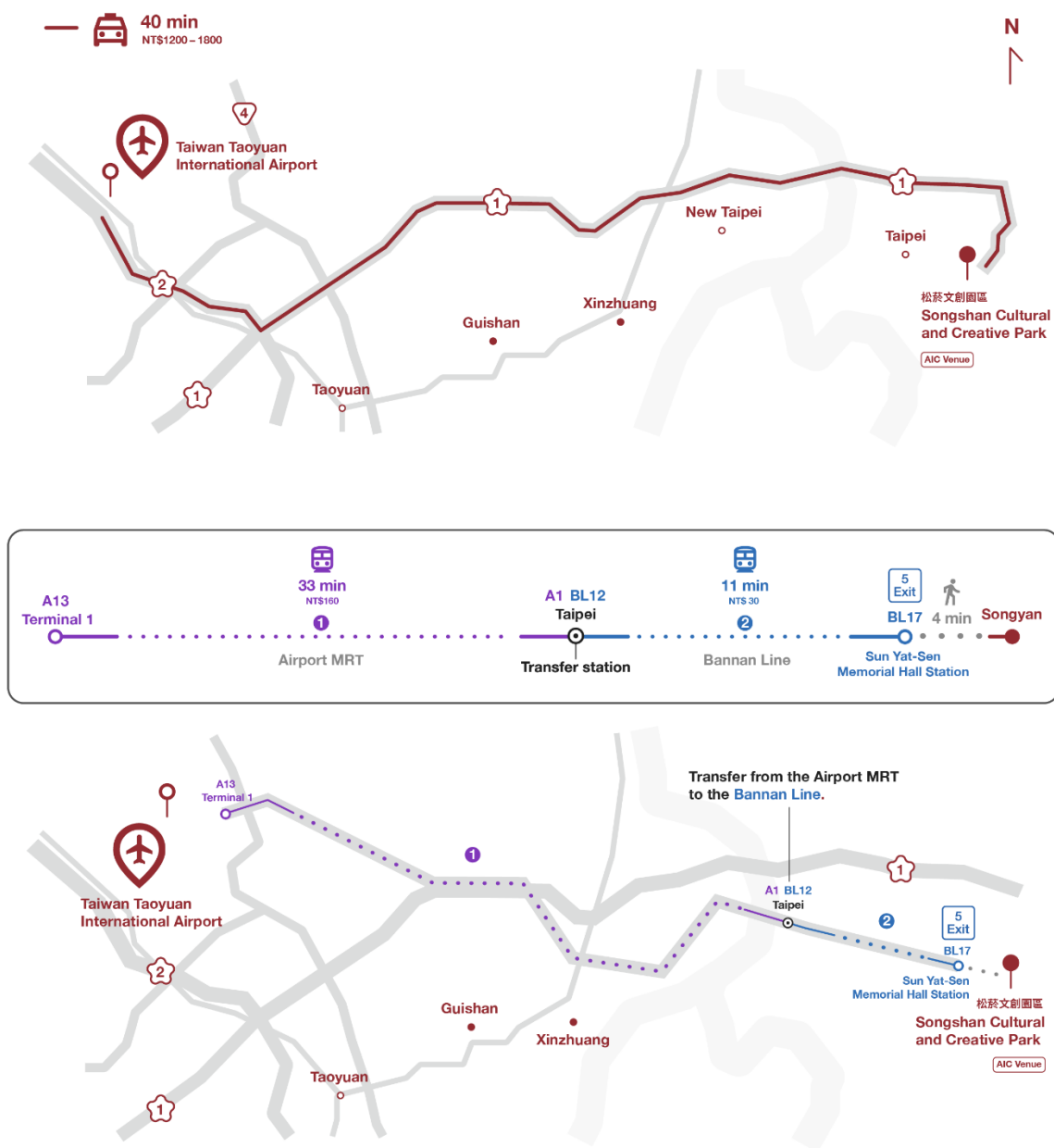
## Day 3 and Day 4

Date	22 Oct. Day 3 (Wed)		23 Oct. Day 4 (Thu)		24 Oct. Day 5 (Fri)
Time	Hall A	Hall B	Hall A	Hall B	
8:30-9:00			Registration		Taipei City Excursion
9:00 - 9:30			<u>Invited Lectures</u> <i>Investigating Sleep Enhancement via Intelligent Color-Varying Light</i> Chen, Chien-Yu <i>Color Characteristics of Virtual Images in MR/AR System</i> , Yang, Tsung-Hsun		
9:30 - 10:00	Registration				
10:00 - 10:30	<u>Oral 5A</u> Color Application & Marketing	<u>Oral 5B</u> Skin Color & Fashion	Coffee Break		
10:30 - 12:00			<u>Oral 6A</u> Color Category & Memory	<u>Oral 6B</u> Colorimetry & Applications	
12:00 - 13:00	Lunch				
13:00 - 14:30	<u>Poster Session 3</u>		<u>Oral 7</u> Color, Lighting, Vision & Perception		
14:30 – 15:00	Coffee Break				
15:00 – 16:15	<b>Judd / CADE / Service Award Ceremonies &amp; Lectures</b> <i>A Science of Classification: Personal Journey through Research on Color and Visual Appearance, within a Semiotic Framework</i> Caivano, José Luis <i>From Scientific Research to Practical Colour Application</i> Bergström, Berit		<u>Oral 8A</u> Personal Color (15:00-16:00)	<u>Oral 8B</u> Color in Urban Environment (15:00-16:00)	
16:15 – 17:30		<u>SG 3</u> Color Vision & Psychophysics (CVP)	Closing Ceremony (16:00-16:30)		
	<u>AIC Gala Banquet</u> (18:00-21:00)		<u>VIP Visit Art-Taipei</u> (19:00-21:00)		

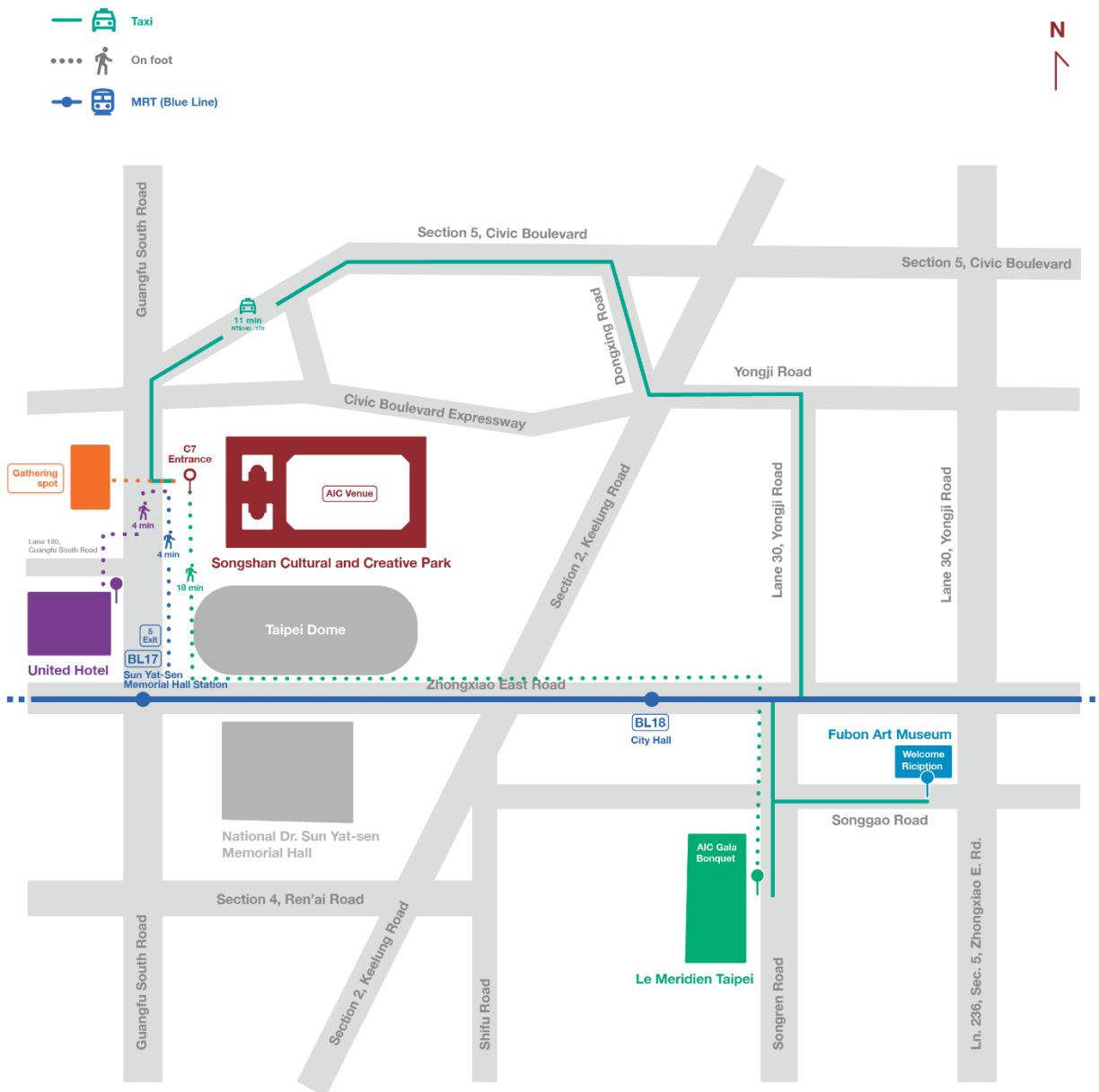
## Form Airport to Venue



16th Congress of the International Color Association



Map - 1 Taoyuan CKS International Airport



This map shows the event locations around the venue. Please scan the QR code for more detailed map information (the links will open in Google Maps).



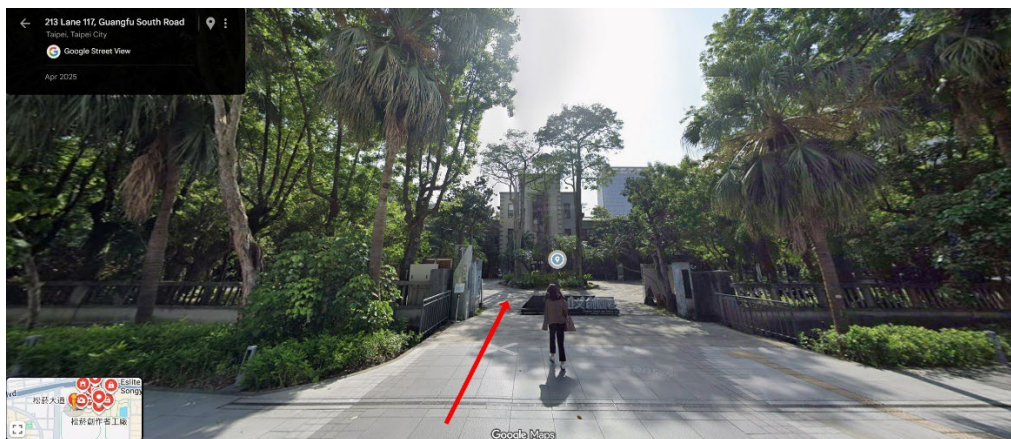
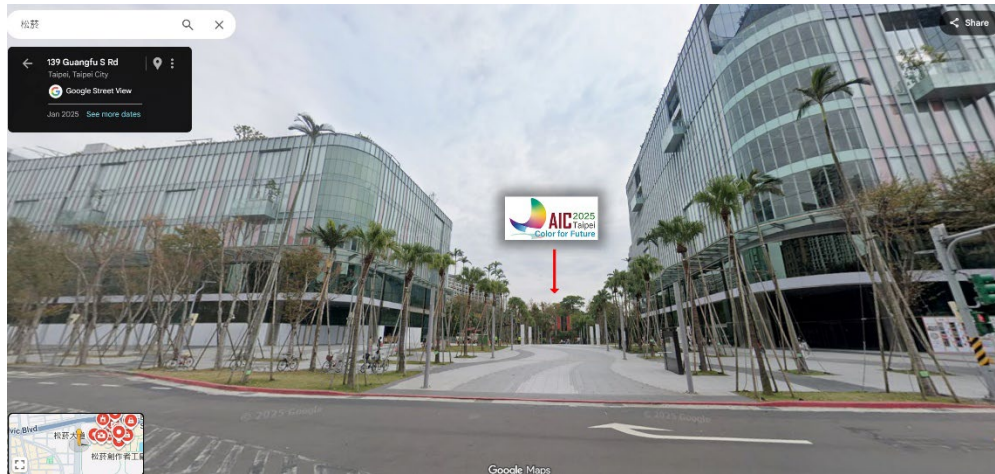
Map - 1 Songshan Cultural and Creative Park Area Map

## Venue

Multi-Purpose Hall (2F)

Songshan Cultural and Creative Park

No.133, Guangfu South Road, Xinyi District, Taipei City



## Welcome Reception

19 October, 17:00 at **Fubon Art Museum**

Address: No. 79, Songgao Road, Xinyi District, Taipei City

Transportation: Take MRT to Taipei City Hall Station (Exit 3) Walking distance: about 9 minutes

<https://www.fubonartmuseum.org/>



## Invited Lectures (Hall A)

No.	Date	Time	Title / Speaker
1	20 Oct. (Mon)	10:00 10:30	<b>Can Robots See Colour?</b> Westland, Stephen <i>Professor, School of Design, University of Leeds (UK)</i>
2	21 Oct. (Tue)	9:00 9:30	<b>A Comprehensive Colour Solution across Industries</b> Luo, Ming Ronnier <i>Chair Professor, College of Optical Science and Engineering, Zhejiang University (China)</i>
3	21 Oct. (Tue)	9:30 10:00	<b>Algorithmic &amp; Digital Color Expressions</b> Bendito, Petronio <i>Associate Professor, Department of Art and Design, Purdue University (United States)</i>
4	22 Oct. (Wed)	15:30 16:00	<b>Plenary Lecture by the 2025 Recipient of the AIC Judd Award: A Science of Classification: Personal Journey through Research on Color and Visual Appearance, within a Semiotic Framework</b> Caivano, José Luis <i>Former AIC President (Argentina)</i>
5	22 Oct. (Wed)	16:00 16:30	<b>Plenary Lecture by the 2025 Recipient of the AIC CADE Award: From Scientific Research to Practical Colour Application</b> Bergström, Berit <i>Swedish Colour Centre Foundation/ Berit ColourTalks (Sweden)</i>
6	23 Oct. (Thu)	9:00 9:30	<b>Investigating Sleep Enhancement via Intelligent Color-Varying Light</b> Chen, Chien-Yu <i>Professor/Director, Graduate Institute of Color and Illumination Technology, National Taiwan University of Science and Technology (Taiwan)</i>
7	23 Oct. (Thu)	9:30 10:00	<b>Color Characteristics of Virtual Images in MR/AR System</b> Yang, Tsung-Hsun <i>Professor, Department of Optics and Photonics, National Central University (Taiwan)</i>
8	22 Oct. (Wed)	11:00 11:15	<b>Soviet Spacecraft Design: Architect Galina Balashova's Colours</b> Durão, Maria João <i>Profoessor, Faculdade de Arquitectura da Universidade de Lisboa (Portugal)</i>
9	22 Oct. (Wed)	10:00 10:15	<b>The Practice of Color Design: Where Engineering Challenges Meet Market</b> Yu, Meng-Han <i>Advanced CMF Designer at Garmin Cooperation (Portugal)</i>

## AIC Study Groups Events (Hall B)

No.	Date	Time	Study Group
<b>SG1</b>	20 Oct. (Mon)	16:15 17:30	<b>Arts and Design (AD)</b> Hosted by Maria João Durão
<b>SG2</b>	21 Oct. (Tue)	16:15 17:30	<b>Environmental Color Design (ECD)</b> Hosted by Verena M. Schindler and Juan Serra
<b>SG3</b>	22 Oct. (Wed)	16:15 17:30	<b>Color Vision &amp; Psychophysics (CVP)</b> Hosted by Shoji Sunaga

[Day 1](#)

## Oral Sessions

### Monday, 20 October 2025, Hall A

#### Oral 1: Color and AI

No.	Presentation Time (Start)	Paper ID	Paper Title / Authors
1	11:00	218	<b>Comparison of AI Based Machine Learning Methods with Basic Polynomial Regression for Cross Media Color Reproduction</b> Zafar, Muhammad Hamza*; Green, Phil
2	11:15	153	<b>Dynamic Color Shift Compensation in OLED Displays Using Artificial Intelligence</b> Hsu, Ching Hsiang*; Ou-Yang, Mang
3	11:30	67	<b>Cityscape Color Analysis Using Deep Learning-Based Image Segmentation and Color Adjustment for Weather Conditions</b> Doi, Motonori*; Ono, Ryuto; Kuboki, Shun
4	11:45	55	<b>LCH-Based Deep Learning for Skin Cancer Diagnosis</b> Kuan, Zhu-Hao*; Lo, Mei-Chun; Hsu, Chih-Shun

[Day 1](#)

### Monday, 20 October 2025, Hall A

#### Oral 2A: Color Emotion, Harmony & Preference

No.	Time	Paper ID	Paper Title / Authors
1	15:00	184	<b>Enhancing Image Color Harmony Through Content-Aware Recoloring</b> Chou, Yu-Shan; Sun, Pei-Li*
2	15:15	141	<b>A Perceptually Neutral White Locus Integrating a Warm-Cool Scale</b> Chang, Jung-En; Ou, Li-Chen*
3	15:30	136	<b>Controlled Dissonance in Contemporary Design: Exploring Chromatic Tension for Emotional Impact and Perceived Quality in Enclosed Spaces</b> Jayaprakash Brindha, Sandhiya*; Surve, Pankaj Daulatrao
4	15:45	12	<b>An Investigation of the Emotional Perception of Scarf Colors on Different Skin Tones Based on the Color-Emotion Models and Color-Harmony Models</b> Liao, Chia-I*; Lee, Wen-Yuan
5	16:00	95	<b>Taste Impressions of Snack Packs and Impression Estimation in Machine Learning of Images</b> Sakurai, Masato

[Day 1](#)

## Monday, 20 October 2025, Hall B

### Oral 2B: Spectral Analysis and Image Enhancement

No.	Time	Paper ID	Paper Title / Authors
1	15:00	173	<b>Testing Spectral-Based Characterisation Models for Wide-Colour-Gamut Display</b> He, Ruili*; Xiao, Kaida; Zhao, Xinyi; Pointer, Michael
2	15:15	186	<b>Statistical Analysis of Differences of Spectral Reflectance Values Determined by Color-Measuring Instruments</b> Ikonen, Erkki*; Rezazadeh, Yasaman; Nilsson, Anders; Seymour, John; Peltoniemi, Juha
3	15:30	27	<b>Enhanced Portrait Auto White Balance in Backlight Environments via Skin Reflectance</b> Zhou, Sicong*; Li, Changjun; Liang, Jinxing; Lai, Peihua; Sun, Wenjun; Li, Hesong; Luo, Hong; Xiao, Kaida
4	15:45	170	<b>A Comprehensive Investigation on the Taxonomic Classification of Recycled Dark Rubber Materials Using Multiple Spectroscopic Analytical Technique</b> Chen, Yung-Fou*; Chiang, Raymond Jui-Chang; Yueh Chun-Ting
5	16:00	32	<b>Spectrally-Aware Perceptual Image and Video Filtering Using Color Transfer</b> Raza, Aiman; Dubail, Marie; Dumortier, Dominique; Jost, Sophie*

[Day 1](#)

## Tuesday, 21 October 2025, Hall A

### Oral 3: Color in Display and Imaging

No.	Time	Paper ID	Paper Title / Authors
1	10:30	155	<b>A Comparative Study: Assessing Image Quality for the Jacobi and Gauss-Seidel Retinex Algorithms</b> Karami, Afsaneh*; Finlayson, Graham
2	10:45	96	<b>Characterising Head-Mounted Displays Based on Visual Assessment</b> Lee, Chia-An*; Ou, Li-Chen
3	11:00	92	<b>Evaluating Preference for Images Enhanced with Simple Tone Curves</b> Bennett, James*; Finlayson, Graham
4	11:15	111	<b>Evaluating the Just Noticeable Difference Threshold of <math>\Delta E_{ITP}</math> in SDR Displays for Color Experts and Non-Experts</b> Kuo, Mu-Tzu*; Bai, Chris Yi-Ho
5	11:30	133	<b>Colour Saliency Effects on Pre-attentive Processes</b> Sakata, Katsuki*; Yamauchi, Yasuki
6	11:45	158	<b>Quantifying Inter-Reflection Effects on Colored Shadows</b> Mao, Ruiquan*; Treméau, Alain; Katemake, Pichayada

[Day 2](#)

## **Tuesday, 21 October 2025, Hall A**

### **Oral 4A: Color in Arts and Culture**

No.	Time	Paper ID	Paper Title / Authors
1	15:00	80	<b>The Colors of Roses Was Painted by Protan and Deutan</b> Ichihara, Yasuyo G.*; Sakamoto, Takashi; Sunaga, Shoji
2	15:15	39	<b>An Appraisal of “Colour-Music: The Art of Mobile Colour” (1912) by Rimington: A Design History View</b> Hidaka, Kyoko
3	15:30	47	<b>Decoding Colour Communication: A Cross-Cultural Study of Colour Associations in Germany and India</b> Schmidt, Lina*; Lindemeyer, Melissa
4	15:45	83	<b>Cross-cultural Study About the Effect of Color on the Perception of Grammatical Gender</b> Raevskiy, Alexander*; Kyoto, Itsuki; Rattanakasamsuk, Kitirochna; Tokunaga, Rumi
5	16:00	46	<b>An Investigation of Selected Chinese Paintings Colour Theories and How it Differs from the Practical Colour Application Used in Western Paintings</b> Ng, Woon Lam*; Goh, Huiying

[Day 2](#)

## **Tuesday, 21 October 2025, Hall B**

### **Oral 4B: Color Education**

No.	Time	Paper ID	Paper Title / Authors
1	15:00	180	<b>Effects of Colour Vision Deficiency on Educational Experiences in Elementary Schools: A Systematic Review</b> Sánchez Izurieta, Juan Francisco*; Sunaga, Shoji
2	15:15	205	<b>Colour Selection Frameworks for Global Colour Education</b> Qian, Wenxian*; Wang, Chaoran
3	15:30	7	<b>Mapping of Colors of Master Images with Munsell Color Space – A Mathematical Tool to Assist Color Design</b> Ng, Woon Lam*; Wang, Zhongjian
4	15:45	106	<b>Color Education in Schools for Students with Color Vision Deficiency: Important Elements Identified Through In-Depth Interviews with Designers and Artists</b> Muraya, Tsukasa*; Taniguchi, Yunoka; Ichihara, Yasuyo; Sunaga, Shoji
5	16:00	193	<b>Biophilic Colour Schemes (BCS): A Catalogue of Biophilic Colour Schemes based on Emotional Colour Impact Principles and Natural Analogies from Landscape Prototypes for Evidence-based Sustainable Design</b> Schlegel, Markus*; Haensch, Konstantin; Gómez Mejia, Claudia

[Day 2](#)

## Wednesday, 22 October 2025, Hall A

### Oral 5A: Color Application & Marketing

No.	Time	Paper ID	Paper Title / Authors
1	10:00	invited	<b>The Practice of Color Design: Where Engineering Challenges Meet Market Strategy</b> Yu, Meng-Han
2	10:15	75	<b>Estimation Method of Rice Fluorescence Emission Spectra from the Image Data and its Application</b> Tominaga, Shoji*; Nishi, Shogo; Ohtera, Ryo
3	10:30	99	<b>Preferable Lighting Conditions for Cooking Hamburger Steak</b> Kagimoto, Akari*; Kodama, Yuu; Okuda, Shino; Okajima, Katsunori
4	10:45	14	<b>Achievements and Issues Demonstrated by Citizen-lead Community Development — A Case Study of Citizen-Academia Collaboration</b> Makino, Akiyo*; Murakami, Kanako
5	11:00	Invited	<b>Soviet Spacecraft Design: Architect Galina Balashova's Colours</b> Durão, Maria João
6	11:15	225	<b>Measurement Comparison of Black Tea Color Testing between Tea Testers and Analytical Instruments</b> Irwan Fathoni, Adi Djoko Guritno, Anggoro Cahyo Sukartiko*, Megita Ryanjani Tanuputri
7	11:30	224	<b>Analysis of Fresh Organic Vegetable Quality at the Farmer and Distributor Levels based on Color and Texture Measurements</b> Dionisius Marlon Ayofi, Anggoro Cahyo Sukartiko, Megita Ryanjani Tanuputri*

[Day 3](#)

## Wednesday, 22 October 2025, Hall B

### Oral 5B: Skin Color & Fashion

No.	Time	Paper ID	Paper Title / Authors
1	10:00	45	<b>Employment of Coloring on Clothing-style Drawings for Understanding Behavior and Personality</b> Muraki Asano, Chie*; Ikebe, Sonoka; Asano, Akira
2	10:15	201	<b>Facial Color Perception and Facial Impressions across Diverse Color Vision Types</b> Mizokami, Yoko*; Kurosawa, Shun; Sato, Hiromi
3	10:30	174	<b>Evaluating Fabric Colour Perception using LED Simulator</b> Li, Qinyuan*; Widasati, Arsaika; Zhang, Yichi; Luo, Ming Ronnier; Xiao, Kaida
4	10:45	13	<b>The Moral Perception of Scarf Colors on Different Skin Colors</b> Liao, Chia-I*; Lee, Wen-Yuan
5	11:00	161	<b>Regarding Racism in Color Theory</b> Charbonneau, Edward R.
6	11:15	33	<b>Human Perspectives on the Role of AI-enhanced Tools for Colour Trend Analysis</b> Angharad, Sally*; Westland, Stephen; Lai Peihua
7	11:30	143	<b>Colour Design: Developing Narratives from Use Generated Visual Texts</b> Dubey, Nijoo*; Damodaraswamy, Sudhakar

[Day 3](#)

## Thursday, 23 October 2025, Hall A

### Oral 6A: Color Category & Memory

No.	Time	Paper ID	Paper Title / Authors
1	10:30	214	<b>Colour and Memory: Consistency of Memory Colours</b> Kvist, Stine Marie*; Green, Phil
2	10:45	217	<b>What Explanations for Color Naming and Categorization Explain?</b> Dedrick, Donald
3	11:00	215	<b>Colour and Memory: Colour as an Aid to Memorization</b> Sætersdal, Mathias*; Green, Phil
4	11:15	90	<b>A Comparative Study on Human and AI Interpretation of Traditional Chinese Red Color Names</b> Lin, Hsueh-Fen
5	11:30	57	<b>A Deep Learning-Based Footwear Prediction and Recommendation Model</b> Liu, Li-Yun; Luo, Yi-Ting; Li, Hung-Chung*

[Day 4](#)

## Thursday, 23 October 2025, Hall B

### Oral 6B: Colorimetry & Color Application

No.	Time	Paper ID	Paper Title / Authors
1	10:30	156	<b>Individual Cone Spectral Sensitivities and Colour Matching Functions</b> Stockman, Andrew*; Luo, Ming Ronnier; Song, Siyuan; Shi, Keyu; Rider, Andrew
2	10:45	211	<b>Restoring Mobile APP-Filtered Photos Using CNN-Based Deep Learning</b> Lin, Ya-Hsuan; Chang, Yu-Chieh; Wang, Jie-Sen; Sun, Pei-Li*
3	11:00	160	<b>Perceived Color Differences for Color-deficient Observers</b> Hsiao, Hsiu-Ying; Chen, Yi-Yun; Chen, Hung-Shing*
4	11:15	164	<b>Color Simulation Strategy of Reflective E-papers</b> Chen, Hung-Shing*; Kao, Yu-Hsuan
5	11:30		<b>TBA</b>

[Day 4](#)

## Thursday, 23 October 2025, Hall A

### Oral 7: Color, Lighting, Vision & Perception

No.	Time	Paper ID	Paper Title / Authors
1	13:00	66	<b>The Surface Optical Characteristics of Interior Components in the Japanese Traditional Tea Ceremony Room TENGO-AN</b> Osumi, Masayuki
2	13:15	77	<b>Beyond the Surface: Exploring Dichroic Filters in Folded Geometries</b> Jönsson, Elvira
3	13:30	120	<b>How to Characterize Augmented Reality Glasses for Color Reproduction – Taking the Birdbath Optical Structure as an Example</b> Chao, Ya-Chi*; Ou, Li-Chen
4	13:45	196	<b>Fitting SSVEP Hue Selectivity Profile with Individual Data of Color Perception</b> Kuriki, Ichiro*; Miyatsuka, Ryota; Umeda, Naoto; Fukushima, Sakura; Kiyokawa, Hiroaki
5	14:00	48	<b>From Pixels to Perception: Reverse-Engineering RGB Images to Simulate Moth Responses to Artificial Light</b> Raza, Aiman*; Lucca, Adrien
6	14:15	86	<b>Enhancing Classification Accuracy of Plant Rust Disease Symptom by Integrating Color Space Transformation and Deep Learning</b> Liu, Zheng-Hao*; Lo, Mei-Chun; Hsu, Chih-Shun

[Day 4](#)

## **Thursday, 23 October 2025, Hall A**

### **Oral 8A: Personal Color**

No.	Time	Paper ID	Paper Title / Authors
1	15:00	41	<b>Testing Colour Harmony Model for Personal Colour Analysis</b> Sirisayan, Punnaphat*; Sueeprasan, Suchitra
2	15:15	91	<b>An Investigation on Memory Skin Colour and its Acceptable Boundaries</b> Lu, Yan*; Xiao, Kaida; Widasati, Arsaika
3	15:30	116	<b>A Comparative Study of Seasonal Color Associations in Nature and Personal Color Theory</b> Park, YungKyung
4	15:45	110	<b>Evaluating the Effectiveness and Utility of Fabric Draping-Based Personal Color Diagnosis</b> Park, Jisu*; Choi, Gyoungsil, Park, YungKyung

[Day 4](#)

## **Thursday, 23 October 2025, Hall B**

### **Oral 8B: Color in Urban Environment**

No.	Time	Paper ID	Paper Title / Authors
1	15:00	171	<b>Based on Deep Learning: A Regional Analysis of the Facade Color Schemes of Public Housing in Hong Kong</b> Li, Yixuan*; Xiang, Changying
2	15:15	25	<b>Colour Conservation of the Dilworth Building, Auckland, New Zealand</b> Rennie, Julian*; Premier, Alessandro
3	15:30	194	<b>Thoughts on The Use of Close-Range Photogrammetry in Chromatic-Spatial Investigations: The Case of Gaudí's Expiatory Temple of The Sagrada Família</b> Toni, Leonardo*; Cesar, João Carlos de Oliveira
4	15:45	150	<b>Heritage in Color: Challenging the Neutrality of Globalized Urban Landscapes Via Chromatic Ambiances</b> Chehata, Zeïnab*; Hussein, Faten; Doherty, Gareth

[Day 4](#)

## **Monday, 20 October 2025, Hall A**

### **Poster Session 1**

**13:00~14:30**

<b>Paper ID Paper Title / Authors</b>	
4	<b>Color and Emotions in the Public Space</b> Kmita, Anna
18	<b>Glazed Tiles - Between Art and Architecture. Andreas Stöcklein's Case Study</b> Pinheiro, Ana Paula*; Duarte, Rui
22	<b>Experience and Vocabulary in the Study of Color</b> de Lucas Tron, Alfonso
31	<b>Analysis of Scene Illumination Factors Affecting Perceptual Color Inferences in Images</b> Tanaka, Yuki*; Tanaka, Midori; Horiuchi, Takahiko
36	<b>Color Standards in City Planning and Changes in Store Facade Design: The Effects of Facade Design Change Methods on Harmony with the Street, Corporate Identity, and Visibility</b> Hanari, Takashi*; Harada, Masayuki; Terashima, Toshiharu; Ono, Tomoka
42	<b>From Intuition to Intentionality: Understanding Colour Decision-Making through Reflective Design Practice in Graphic Design Education</b> Lee, Gyeonghwa*; Yang, Jie; Chen, Yun
51	<b>Prediction of Watercolor Mixing L*a*b* Values Based on Kolmogorov – Arnold Networks</b> Sun, Xiang-En; Yuan, Chen-Yu; Lin, Tzung-Han*
54	<b>Extracting Regional Colors from History: A Case Study on Tsukuba, Kasama, Tsuchiura, and Mito in Japan</b> Xin, Meiqing*; Yamamoto, Sari
62	<b>Preference and Emotional Responses to Planterior Design According to the Index of Greenness</b> Kim, SaetByul*; Lee, YounJin
69	<b>Research on the Evaluation of Children's Color Education Effect Based on Cognitive Development Theory</b> Hung, Qian*; Li, Anni; Lan, Shang
72	<b>A Proposal for a Unified Design for Store Signs in Shopping Districts and its Effects</b> Kishimoto, Nagisa*; Doi, Shushi; Sakai, Hideki
78	<b>The Color of Sour and Salty Tastes</b> Ngamsaard, Thachapong*; Longbuttsri, Jitlada; Tangkijviwat, Uravis
84	<b>Associative Colors Related to Grief from Pet Loss</b> Lim, YeJee*; Lee, YounJin
94	<b>The Influence of Art Material Experience on Basic Color Terms and Color Category Perception</b> Han, Hyejin
103	<b>Contrasting Perceptions of Dark Colours Among Designers and Non-Designers: An Empirical Analysis</b> Xiang, Qi*; Han, Xu; Ping, Chengliang; Yu, Luwen
113	<b>Color Measurement of Translucent Liquid Materials Using a Noncontact 2D Colorimetric System with Dome Illumination</b> Iyota, Hiroyuki*; Higuchi, Mei; Kinugawa, Ayumu; Masuda, Hayato; Sakai, Hideki
117	<b>Exploring Word–Colour Associations among Koreans and Foreign Residents in Korea</b> Lee, Junglim*; Park, YungKyung

Paper ID Paper Title / Authors	
125	<b>Reevaluating Brightness Perception: An Empirical Examination of Melanopsin's Influence</b> Mori, Nozomu*; Takikawa, Mizuki; Saito, Marina; Tsujimura, Sei-ichi
131	<b>From Fabric to Fingertips: Nail Polish as a Tool for Personal Colour Analysis</b> Sueeprasan, Suchitra*; Chaimongkol, Phithunisara
135	<b>A Study on Color Perception on Surfaces Composed of Two Colors — The Effect of Color Difference between Two Colors in a Checkerboard Pattern on the Perception of Color Unevenness of One of the Colors</b> Hara, Naoya*; Kono, Masami
146	<b>Physical Light Field Perception Using Color-Enhanced Photon Flow Visualization</b> Nakadate, Sho; Momiyama, Asuka; Takase, Kazuto; Schregle, Roland; Yosizawa, Nozomu
167	<b>Fashion Color Preferences and Cultural Capital: An Empirical Study Based on Bourdieu's Theory</b> Jiang, Jiani
179	<b>Color Appearance of Waterlilies</b> Phuangsuwan, Chanprapha*; Rattanakasamsuk, Kitirochna; Ikeda, Mitsuo; Kawasumi, Mikiko
185	<b>Examining the Degrees of Smoke Emissions Using the Calibrated Camera Technology</b> Cheng, Chun-Kung; Pong, Bao-Jen; Shih, Yu-Cheng; Ou, Yu-Zhi; Chen, Hung-Shing*
191	<b>Perceptual Associations Between Classical Music and Colour in Mozart's "Twinkle, Twinkle, Little Star" Variations</b> Lee, Yu-Ting*; Chang, Fei-Man
197	<b>Gender and Age-Related Differences in the Contributions of Color to the Recognition of Cultural Landscapes</b> Lavrenova, Olga A.; Griber, Yulia A.*
203	<b>The Effect of Wearing Personal Colors on Attractiveness Rating</b> Kondo, Aki*; Ogino, Mami; Nonaka, Yuto; Togasaki, Aoi; Watanabe, Katsumi
209	<b>The Influence of Food Appearance Color Tone on Eating Behavior and Appetite in a Virtual Reality Environment</b> Moriyama, Tsuyoshi*; Matsumoto, Aki
220	<b>Application of Non-Contact Color Measurement Techniques in Heritage Conservation: A Case Study of the Wufeng Lin Family's "Gongbaodi" Residence</b> Lin, Ying-Tsung*; Tsai, Cheng-Min

[Day 1](#)

**Tuesday, 21 October 2025, Hall A**

**Poster Session 2**

**13:00~14:30**

Paper ID	Paper Title / Authors
5	<b>Optimization of Image Colorization for Crime Scene Based on Generative Adversarial Network</b> Liu, Tzu-Ming; Cheng, Ming-Chih; Yang, Po-Hsin; Li, Hung-Chung*
19	<b>The Effects of Typeface and Color Combinations on Perceived Trust, Professionalism, Aesthetics, and Usability in Traditional Chinese (Taiwan Standard) and English GUI Design</b> Lu, Fu-Shao*; Lee, Wen-Yuan
24	<b>Perceptual Calibration of MR Displays: Investigating Colour Accuracy and Memory Hue Representation through 2D and 3D Perception</b> Jiang, Jinbi*; Westland, Stephen; Hemingray, Caroline; Xiao, Kaida
34	<b>Develop the Chinese Hue-Tone Colour System by Utilising the Chinese Adjective Word System (ANCWS)</b> Song, Wenwen; Chen, Yifei*; Zhu, Shiyang
37	<b>The Upper Limit of Lightness to Which the Color Name “Black” Can Be Applied</b> Katayama, Ichiro*
43	<b>Evaluating Perceptual Color Matching Between Different Backlight Displays and Color-Managed Prints</b> Hong, Yu Kai*; Bai, Chris Yi-Ho
52	<b>Color Reproduction under Non-standard Lighting Conditions</b> Kirchner, Eric*; Njo, Lan; van der Lans, Ivo; Perales, Esther; Larrosa, Aurora
60	<b>Influencing Factors of Clothing Colour Preference: A Comparative Study of Beijing and Shanghai Cities</b> He, Shuang*; Cheung, Vien; Li, Liting
63	<b>Meanings of Spiritual Experiences in the Practice of Chromotherapy: A Perspective from Semiotics as an Alternative for Well-being in the Future</b> Monsalve Ospina, Hernán Felipe
70	<b>Color and Gender in Young Children's Free Drawings — Gender Judgments by Childcare College Students and General College Students</b> Shimada, Yukiko
73	<b>Towards a New Lighting Method in Museums Considering the Optimal Brightness of Paintings - Practical Classification Process Based on Oil Painting Characteristics</b> Aoyama, Miyu*; Yoshizawa, Nozomu; Oe, Yuki; Mizokami, Yoko; Takashima, Miho
79	<b>Differences in the Diversity of Color Names and Evaluation of Darkness and Lightness of Colors in Surface and Aperture Color Modes</b> Qiao, Yanan*; Kawabata, Yasuhiro
85	<b>Investigation of the Colour Design: Follow the User Data or Designer’s Intuition to Build a Colour Scheme for the Beer Label</b> Nan, Chunxi; Wang, Mengmeng*; Li, Jinwen
97	<b>A Study of Lip Colour and Social Signalling of Z-generation</b> Li, Jinwen; Wang, Mengmeng*; Nan, Chunxi

Paper ID	Paper Title / Authors
107	<b>Effect of Appearance of Damascus Steel Knives on Visual Impression — Comparative Analyses of Observer Nationality</b> Nomoto, Rino*; Kawasumi, Mikiko; Tsukada, Toshihiko; Phuangsuwan, Chanprapha; Rattanakasamsuk, Kitirochana; Tangkijwiat, Uravis
114	<b>Observation of Color and Gloss Change during Drying of Particulate Suspension in Polymer Solution Using a Noncontact 2D Colorimetric System with Dome illumination</b> Higuchi, Mei*; Yamamoto, Shoki; Kinugawa, Ayumu; Iyota, Hiroyuki; Imakoma, Hironobu; Sakai, Hideki
119	<b>Effect of ipRGC Response on Contrast Sensitivity in Central Vision</b> Matsumoto, Haruka; Ishigane, Masatoshi; Takahashi*, Hiroshi; Suzuki, Masahiro; Uchikawa, Keiji
126	<b>Differential Perceptions of Colour and Material in Fashion: A Multisensory Analysis of Designer and Consumer Responses</b> Han, Xu*; Li, Liting; Xiang, Qi; Xiao, Kaida; Yu, Luwen
132	<b>Effects of Mixed Color Temperatures on Spatial Perception in Office Lighting Environments</b> Kato, Mika*; Kikuchi, Kokoro
139	<b>A Study of Fluorescent Effect on Ink Jet Paper by Spectral Analysis</b> Shyu, Ming-Ching James
147	<b>Improving RGB Camera-Based Spectral Reflectance Estimation through a Machine-Learning Approach</b> Nishi, Shogo
165	<b>Integrating Color and Lighting Design: An Empirical Study on Disliked Kitchen Cabinet Colors and Ambient Light Color Temperatures in Home Interiors</b> Tsai, Chia-Hua*; Tsai, Cheng-Min
168	<b>Electrochemical Polymerization of Conductive Polymer Thin Films to Obtain Metallic Luster with High Reflectance</b> Yamada, Katsumi*; Tsuneyasu, Shota; Koshiji, Fukuro
181	<b>The Impact of Dynamic Lighting Conditions on the Color Perception and Texture Impression of Fabric</b> He, Shuilan
188	<b>Elderly Users' Color Emotions and Preferences Toward the Appearance of Differently Designed Care Robots</b> Liao, Ching-Chih*; Gong, Shi-Min; Hsu, Ya-Han
192	<b>Colours for the Future: Achromie Photographs in Archaeology: Maraghiannis Publishing House in Candia</b> Denhez, Annie-Dominique
207	<b>The Effects of Positive and Negative Emotional States on Memory Colors</b> Yun, Minseon*; Lee, YounJin
210	<b>Color Embodiment in Semantics of Abstract Concepts: Correlating Semantic Similarities with Visual Color Proximity in Metaphorical Lexemes Derived from the Chinese Color Term huáng, 黄 'Yellow'</b> Wu, Yufeng
221	<b>A Suggestion on Local Colour Guidelines to Build Inner Mongolia's City Brand</b> Huang, Jinga; Kim, Yoosun; Kim, Yoomi

## Wednesday, 22 October 2025, Hall A

### Poster Session 3

13:00~14:30

Paper ID	Paper Title / Author
11	<b>The Power of Nature in Art: Exploring Biomorphic Abstraction with Colour and Design</b> Avoke, Diana
21	<b>Relationship between Stability of Color Preference and Personality Traits</b> Nakamura, Shinji
30	<b>The Effect of Chroma Contrast in Infographic Color Design on the Viewer's Reading Experience</b> Tsan, Chen-Pang*; Wang, Chun-Po
35	<b>Color Standards in City Planning and Store Facade Design Changes: Relationship between the Content of the Landscape Formation Standards and the Adopted Design Change Methods</b> Terashima, Toshiharu*; Harada, Makayuki; Hanari, Takashi
40	<b>Colorimetric Characterization of Transparent OLED Displays under Various Backlighting Conditions</b> Shen, Chun-Ting*; Wen, Chao-Hua; Pong, Bao-Jen
50	<b>Application of Kubelka-Munk Theory in Jadeite Colour Evaluation</b> Jiang, Jinbi; He, Qinxin*; Westland, Stephen
53	<b>Beyond Averages: Individual Differences in How Wall Colour Influence Affective Responses and Room Impressions</b> Widasati, Arsaika*; Westland, Stephen; Hemingray, Caroline; Lee, Soojin
61	<b>Linked Hybrid: Color, Light and Perception in the Architecture of Steven Holl</b> Pinheiro Consani, Camila*; de Oliveira Cesar, João Carlos
64	<b>Color Yoga: A Semiotic and Subjective Perspective on Wellbeing for the Future</b> Monsalve Ospina, Hernán Felipe; Henao Jiménez, Milton David*
71	<b>Analysis of the Color and Object Characteristics of Seasonal Natural Landscape Images in Japan</b> Yu, Hanui*; Akita, Takeshi; Hirate, Kotaroh; Fujii, Risa
76	<b>Study on 3D Digital Preservation of Orchids using Photogrammetry Method</b> Liu, Tzu-Hsuan; Yuan, Chen-Yu; Tsai, Chi-Pin; Chang, Shih-Chen; Lin, Tzung-Han*
81	<b>On the Narrative Function of Costume Color in Chinese Cinema</b> Li, Peitong*; Han Dan
89	<b>From Tang Sancai to Ink Painting: Cheng Shifa's Reinterpretation of Ceramic Glaze Aesthetics in Modern Chinese Art</b> Wang, Shanshan*; Wang, Keqiang; Xue, Yinghe
102	<b>The Influence of Similarity on Color Harmony and Preference</b> Rho, Hye Mi; Park, Yung Kyung*
109	<b>Color as Ingredients: A Material-Driven Design Approach to Natural Pigments in Sustainable Baked Goods</b> Wang, Tzu-Jung*; Hsieh, Tsuei-Ju
115	<b>Color System Conversion from RGB to L*a*b* Using Four-Layer Neural Network for a Novel Colorimeter Independent of Light Sources</b> Miyazawa, Kaito*; Ohkawa, Masashi

Paper ID	Paper Title / Author
121	<b>Survey on Empowerment Initiatives for Students with Color Deficiencies</b> Maruyama, Shion*; Muraya, Tsukasa; Sunaga, Shoji
127	<b>The Conflict between Perception and Language among Color Vision Minorities: A Comparative Study of Naming and Color Terminology in Japan and China</b> Meiyan, Lei*; Shoji, Sunaga; Tsukasa, Muraya
134	<b>Creation of Educational Materials Designed for a Game about Color Vision Diversity Education</b> Fujii, Toshiki*; Muraya, Tsukasa; Sunaga, Shoji
142	<b>Colour Accuracy of Low-cost, Pocket-size Spectrophotometers</b> Nilsson, Anders*; Kirchner, Eric; Seymour, John
159	<b>Colour Heritage of Chinese Painting Through Dynastic and Stylistic Change</b> Li, Wenan*; Chen, Ming-Xuan; Wang, Xingkai; Yip, David; Yu, Luwen
162	<b>An Investigation about the Influence of Color Contrast on Binocular Fusion</b> Liu, Chia-Chun*; Sun, Vincent C.; Fu, Ming-Chuan
166	<b>From Cobalt to Iron: The Semiotic Shift in Joseon Porcelain</b> Lhi, Wona*; Park YungKyung
169	<b>A Study on Prompting the In-Depth Exploration of Environmental Color Imagery Using Generative AI</b> Wei, Yuh-Chang*; Kuo, Monica; Kuo, Ya-Ping
183	<b>Film Color Grading Model Based on Computer Vision: Construction of Personalized Color libraries</b> Chen, Ming-Xuan*; Luo, Shijunyan
189	<b>From Glaze Color to Perception: A Study on the Color Variation of Opaque Glaze and Perceptual Evaluations</b> Su, Hsuan-Hsuan*; Lin, Yan-Jun; Shin, Fu-Chi; Hsieh, Tsuei-Ju
195	<b>The Use of Color on the Expiatory Temple of The Sagrada Família by Antoni Gaudi: Nature, Life and Symbolism</b> Toni, Leonardo*; Cesar, João Carlos de Oliveira
208	<b>Exploring the Emotional Impact of Color Design in Children's Picture Book Covers</b> Wang, Yixuan*; Geng, Wenfei
213	<b>A Cost-effective Method for Measuring and Simulating the Color Appearance of Transparent Plastic Samples</b> Hsu, Yung-Chen; Sun, Pei-Li*
222	<b>A Corpus-Linguistic Study of Context-Dependent Color Naming in Japanese</b> Mita, Hiromasa

# Workshops

No.	Date	Time	Hall	Title / Instructor
1	19 Oct. (Sun)	14:00 17:00	D	<b>Color Management in Practice - From Creation to Print Verification</b> Fred Hsu <i>Graphic Communications Foundation / Idealliance Taiwan</i>
2	19 Oct. (Sun)	14:00 17:00	C	<b>Chromatic Impressions – Hand-Painted Porcelain Plate Workshop</b> Wen-Yin Chen <i>Professor, Department of Smart Living Design, Huafan University</i>

## Workshop 1

**Course Title:** Color Management in Practice - From Creation to Print Verification

**Date & Time:** October 19 (Sunday), 14:00–17:00 (3 hours)

**Instructor:** Fred Hsu, Graphic Communications Foundation / Idealliance Taiwan

**Course Fee:** NT\$ 600

**Class Size:** Maximum 20 participants

**Venue:** Hall D

**Course Content:**

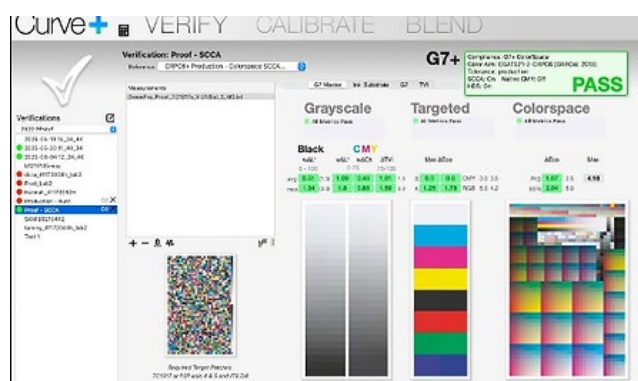
- Display Calibration – Calibrating and profiling monitors with a colorimeter for accurate on-screen previews.
- ICC Color Management for Design Files – Applying correct color management in design files.
- Print Color Verification – Evaluating print output with a colorimeter to ensure compliance with industry standards (ISO/G7+).

**Workshop Highlights**

For designers, mastering color management ensures that the colors designers see on screen are accurately reproduced in print output. It is essential in reducing errors, reprints, and client miscommunication. This workshop offers a practical, hands-on practice to implement color management from graphic design on display through to print output verification. Participants will gain critical knowledge and skills to execute predictable color across the workflow.

By the end of this workshop, participants will be able to understand the fundamentals of color management. Apply best practices in calibrating and profiling display, preparing creative files for predictable print output, and implement industry standards for print color verification.

Note: Attendees are required to bring their own laptops. Adobe Photoshop must be installed for hands-on exercises.



## Workshop 2

**Course Title: Chromatic Impressions – Hand-Painted Porcelain Plate Workshop**

**Date & Time:** October 19 (Sunday), 14:00–17:00 (3 hours)

**Instructor:** Professor Wen-Yin Chen

Department of Smart Living Design, Huaan University

**Course Fee:** NT\$ 600 (materials included)

**Class Size:** Maximum 20 participants

**Venue:** Hall C

**Course Content:**

- Create your own personalized porcelain plate
- Learn ceramic painting and glaze application techniques
- Experience the tactile and transformative beauty of ceramic art, from touch to firing

### Workshop Highlights

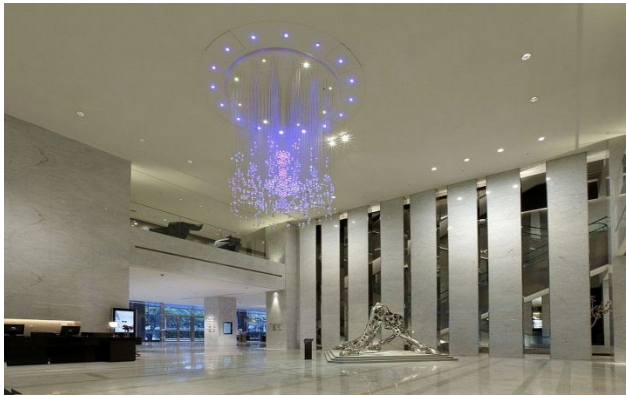
In this 3-hour workshop, participants will hand-paint a porcelain plate uniquely their own. The instructor will begin with the basics of ceramic painting, introducing glaze color coordination, composition methods, and brushstroke techniques. You will be encouraged to unleash your creativity, transforming everyday inspirations into one-of-a-kind artistic tableware.

After the session, the plates will be kiln-fired at high temperatures, fixing the colors permanently. The finished porcelain pieces will not only preserve your artistic expression but also serve as lasting works of functional aesthetics.



## AIC Gala Banquet - Le Méridien Taipei

38 SongRen Road, Xinyi District, Taipei



Le Méridien Taipei is ideally located in the vibrant Xinyi District, just steps from Taipei 101, luxury shopping, and business centers. The Taipei City Hall MRT Station is only a few minutes' walk away, providing quick connections across the city.

### Chinese Table — Modern Elegance in Chinese Cuisine

Located within Le Méridien Taipei, Chinese Table offers a contemporary interpretation of Chinese cuisine, combining refined flavors with artistic presentation. The restaurant's stylish, minimalist décor and warm ambiance create the perfect setting for both casual gatherings and business dining.

Led by an experienced culinary team, Chinese Table features a menu inspired by classic regional dishes, reimagined with modern techniques and seasonal ingredients. From delicate dim sum to signature specialties, each dish reflects a harmony of tradition and innovation.

## VIP Visit Art-Taipei

As one of the longest-standing contemporary art fairs in Asia and the largest in Taiwan, **ART TAIPEI** will celebrate its 32<sup>nd</sup> edition this October. The fair brings together **121 galleries from six countries and regions**, including **71 from Taiwan and 49 international galleries**, presenting a vibrant annual showcase of art!

Hosted by the **Taiwan Art Gallery Association**, a special **VIP guided tour service** has been arranged for the **Color Association of Taiwan**. Led by a team of experienced guides, the tour will highlight this year's ART TAIPEI features, must-see works, and provide in-depth insights into participating galleries, artists, and artworks, along with perspectives on the art market. We warmly welcome your registration!

### ◆ **VIP Guided Tour for the Color Association of Taiwan**

Charge: **Free**

Date & Time: **Thursday, October 23, 2025, at 19:00**

**Reservation: Please make your booking at the registration desk of the AIC 2025 Congress.**

### ◆ **Meeting Point:**

In front of the main visual wall at the Taipei World Trade Center, Xinyi Road Entrance – ART TAIPEI Venue

(Address: No. 5, Section 5, Xinyi Road, Taipei City)

### ◆ **Tour Language:**

Mandarin – max. 30 participants

English – max. 30 participants

*Both tours will start simultaneously at 19:00.*

### ◆ **Reminders:**

- The tour will begin promptly; please arrive early.
- **Before gathering, please deposit prohibited items** (bags over 45 cm, backpacks, long umbrellas, selfie sticks, suitcases, etc.) at the cloakroom, located on the 2nd floor, Conference Room 1 (accessible via escalator from the Xinyi Road entrance).
- The guided tour will last approximately **40 minutes**, after which you may continue exploring freely.
- Each tour is limited to 30 participants and will close once full.



<https://2025.art-taipei.com/taipei/en/>

## Taipei City Excursion

Date	Time	Route
24 Oct. (Fri)	9:00 18:00	<b>Taipei City Tour (Revised)</b> <ul style="list-style-type: none"> <li>• National Palace Museum</li> <li>• Grand Hotel lunch</li> <li>• Longshan Temple</li> <li>• Xi-men-ding, and Taipei 101 Observation Deck</li> <li>• Rache Night Market</li> </ul>

## Taipei City Tour Highlights

Immerse yourself in Taipei's rich culture, modern landmarks, and authentic cuisine.



**National Palace Museum**

Home to a vast collection of Chinese artifacts and artworks, it is one of the most important cultural treasures globally.



**Taipei 101**

Once the world's tallest building, its observatory offers magnificent panoramic views of the Taipei metropolitan area.



**Raohe Night Market**

Savor a variety of Taiwanese specialty snacks and experience the lively local night market culture.

## Organizers



## Co-organizers and Supporting Partners



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