■Schedule

June 7th（sat）Room A： Grand Demonstration Room

Oral Presentation A1（Color Information）：11:00-12:00

A1-1	Study on Landscape Color Analysis Tool Applying Deep Learning-Based Image Segmentation	Motonori Doi (Osaka Electro-Communication University), Ryuto Ono
A1-2	Regular Color Scheme Reproduction and Spectral Image Color Information Processing of　Thousand Buddhas Murals of Dunhuang Mogao Grottoes	Kaoru Suemori (National Museum of Ethnology), Takuya Kawaguchi, Tomoharu Fujiwara, Yoshihiro Yasumuro, Tomohiro Ishizu, Masako Shogaki
A1-3	An Improvement of the color analysis method with a step-function system considering the composition of "figure" and "ground" in painting art	Taizo Muroya (The National Art Center, Tokyo)
A1-4	Quantitative Discrimination Method for Object Colors in Images Based on Bayes' Theorem	Masato Asano (National Research Institute of Police Science), Wataru Sakurai, Daisuke Imoto, Masakatsu Honma and Kenji Kurosawa

Short Presentation（Poster）P-A：13:30-14:00

			Core Time
P-A01	Development of a color matching function measurement device using monochromatic LEDs	Kyosuke Nakata (Shizuoka University), Gosuke Ohashi, Tomonori Tashiro	1
P-A02	"Visual quality evaluation index for displayed images considering the superimposition of uniform ambient light"	Ryo Kimura (Graduated School of Information Science and Engineering, Ritsumeikan University),	2
P-A03	A Comparison of Macular Pigment Optical Density between Young Adults and Elderly Thais	Uravis Tangkijviwat (Color Research Center, RMUTT, Thailand), Kitirochna Rattanakasamsuk, Yasuki Yamauchi	3
P-A04	A Study on a Color Difference Formula Based on Individual Color Discrimination Characteristics Using a General-Purpose Display	Minami Hayato (Graduated School of Information Science and Engineering, Ritsumeikan University), Hiroyuki Shinoda	1
P-A05	Comparative Analysis on Extraction Algorithms of Representative Colours of Five Ethnic Townscapes in Singapore	Natsuko Kawasumi (Gap Year), Chanprapha Phuangsuwan, Mikiko Kawasumi	2
P-A06	Color appearance of waterlilies by elementary color naming method	Chanprapha Phuangsuwan (Color Research Center, RMUTT, Thailand), Mitsuo Ikeda, Mikiko Kawasumi	3
P-A07	Color Perception and Emotional Responses to Aromas of Thai Floral Essential Oils	Kitirochna Rattanakasamsuk (Color Research Center, RMUTT), Chanida Saksirikosol, Chanprapha Phuangsuwan	1
P-A08	The Effects of Illuminance and Color of Proximal Lighting on Work Efficiency and Ambiance in Small Spaces	Miao Weiyi (Graduate School of Information Science and Engineering, Ritsumeikan University), Shinoda Hiroyuki	3
P-A09	The Effect of Color Change by Hue Rotation on the Preference for Abstract Paintings	Tomohiro Hirohata (Graduated School of Information Science and Engineering, Ritsumeikan	1
P-A10	Effects of color temperature and brightness for LED lightning in a virtual living room	Akira Ikeda (Shizuoka University), Gosuke Ohashi, Tomonori Tashiro	2
P-A11	Proposal of a Color-Based Emotion Recording System	Takayuki Takabayashi (SENSE DEXIGN TOKYO), Fumiaki Ohno, Yuki Anzai, Mio Shinohara, Takanori Sugiyama, Haruyasu Ando	3
P-A12	Effect of Surrounding Conditions on Color Discrimination of Half Mirror Images	Tomoya Tonomura (Yamagata University), Haruki Mizushina, Hirotsugu Yamamoto, Kenji Yamamoto, Yasuki Yamauchi	1
P-A13	Assessing Perceived Color Balance Tolerances in Morphed Thai Skin Tone Photography	Phubet Chitapanya (Mass Communication Technology, RMUTT, Thailand), Prapaporn Dolkit, Ittipon Photiphan	2
P-A14	A technique for creating hidden images using spatial color mixing transformation	Akiyoshi Kitaoka (Faculty of Comprehensive Psychology, Ritsumeikan University)	3
P-A15	Memory colors of natural objects in trichromats and dichromats	Shoji Sunaga (Kyushu University), Keito Nakatani, Hector Palomo, Tsukasa Muraya, Yasuyo Ichihara, Rumi Tokunaga	1

Oral Presentation A2（Color Appearance）：15:30-16:30

A2-1	Stroop effect caused in short term memory	Katsuaki Sakata (Yamagata University Graduate School of Science and Engineering), Yasuki Yamauchi
A2-2	Evaluation of Color Impression by Abstract and Color Related Semantic Words and Selection of Colors Expressing the Meaning of These Semantic Words.	Keizo Shinomori (Kochi University of Technology)
A2-3	Preferable lighting for color appearance of beef steak during cooking	Akari Kagimoto (Nara Women's University), Shino Okuda, Katsunori Okajima
A2-4	Effects of lighting distribution on the appearance of crafts	Keito Sato (Graduate school of Science and Engineering, Chiba University), Hiromi Sato, Yoko Mizokami

Invited Keynote：16:30-17:30	
Invited Keynote	Jellyfish Exhibit at Kamo Aquarium	奥泉和也氏 (鶴岡市立加茂水族館・館長)

June 7th（sat）Room B： Room 212（Building4, 2nd floor）

Oral Presentation B1（Color Psychology）：11:00-12:00	
B1-1	The relationship between Color scheme preferences and personality	Hiroko Matsuda (Color Consultant Studio), Kazuyuki Natori, Tomomi Hatano
B1-2	Influence of mood on coloring in mandala coloring pictures-A study using coloring area	Terumi konno (Faculty of Psychology, Hokkaido University), Kenji Hirose, Yasuhiro Kawabata
B1-3	The Effect of the Color and Width of the Rim of the Plate on the Perceived Volume of the Food – In the Case of Blue Hue	Keiko Tomita (Kindai University), Shii Sogabe, Tomomi Nishimura, Hirokazu Kato, Yuichiro Fujimoto
B1-4	Impression of brightness and vividness according to the number of hues in the color scheme	Takashi Inaba (Nippon Color & Design Research Institute INC.)

Short Presentation（Poster）P-B：13:30-14:00		Core Time
P-B01	Gender perspectives on make-up and skin-colour held by Japanese female students in the Reiwa era	Masako Yamada (Saitama Women's Junior College)	3
P-B02	Personality traits affecting stability of color preference	Shinji Nakamura (Faculty of Education and Psychology)	2
P-B03	The Role of Individual Impressions in Chord-Color Synesthesia	Midori Takashima (Iryo Sosei University　Faculty of Psychology), Yuiko Daifuku	2
P-B04	The Association Between Psychological Masculinity/Femininity and Color Preference	Mika Kodera (Department of Psychology, Hokkaido University), Yasuhiro Kawabata	3
P-B05	Changes in Evaluations of Colors Associated with "Sweetness" by Using Stories.	Kiyoharu Osanai (Hokkaido University), Nene Komatsu, Yasuhiro Kawabata, Koichi Kaketa	1
P-B06	Fonts and Colors Imaged from Suspicion Words	Kaori Segawa (Joshibi University of Art and Design, Yokohama National University), Ayame Katori	2
P-B07	Influence of age and occupation on color categorization	Mikuko Sasaki (Japan Color Research Institute), Kumiko Matsumoto, Masaki Suzuki, Yanan Qiao, Yasuhiro Kawabata	3
P-B08	Where did boy and girl colors come from?	Yukiko Shimada (Kokugakuin University)	1
P-B09	Creation of Educational Materials for a Color Vision Diversity Education Program Using Color Filters	Toshiki Fujii (Graduate School of Design, Kyushu University), Tsukasa Muraya, Shoji Sunaga	2
P-B10	Survey on Empowering Students with Color Deficiencies	Shion Maruyama (Graduate School of Design, Kyushu University), Tsukasa Muraya, Shoji Sunaga	3
P-B11	Analysis of Knowledge, Skills, and Strategies in Color Design for Designers with Color-vision Deficiency	Ryosuke Yamasaki (Graduate School of Design, Kyushu University), Takeo Shida, Maki Hamada, Tsukasa Muraya, Akihiro Yokota, Shoji Sunaga	1
P-B12	The Influence of Character Color Schemes in Visual Media on Viewers' Cognition	Peng Chen (Hokkaido University), Kawabata Yasuhiro	2
P-B13	Culture creation based on the colors of roses painted by protan and deutan	Yasuyo Ichihara (Kogakuin University), Takashi Sakamoto, Shoji Sunaga	3

P-B14	Relationship between color and temperature	Takehiro Shinozaki (Tochigi Prefectural Tochigi High School)	1
P-B15	Visual Design Harmonizing with Touohgakkan Senior High School: Pictograms from the Perspective of Luminance	Yuno Ota (Yamagata Prefectural Touohgakkan Senior High School), Kana Komatsu, Shiori Kakizaki, Hibiki Yoshida	2
P-B16	How Do Colors Influence Learning?	Aika Komada (Fukushima Prefectural Fukushima High School), Wakana Nakajima, Aoi Motiji, Fuka Nishizawa	1

Oral Presentation B2（Color Culture）：15:30-16:15		
B2-1	A Comparative Study Between Japan and China on the Dissemination of the Concept of "Color Vision Diversity" Through a Usage Survey of Terms Related to "Color Vision Deficiency"	Lei Meiyan (Graduate School of Design, Kyushu University), Tsukasa Muraya, Shoji Sunaga
B2-2	The Beginning of Japanese Color Name Classification	Norfiumi Kunimoto (Keio University/Kyoritsu Women's University/Japan University of Economics/Huanggang Normal University/Xi'an Academy)
B2-3	Consideration of the Possibility of Understanding Natural Environmental Colors by Region：From the exercise of color scheme composition	Akiko Sugiyama (Nippon Color &Design Research Institute inc)

June 7th（sat）Room C： Room 213（Building4, 2nd floor）

Oral Presentation C1（Student Session）：11:00-11:45		
C1-1	Understanding color vision diversity and considering methods for media universal design	Keisuke Uzawa (Toho High School), Saki Kaneko, Kanade Hatano, Yusei Watanabe, Riko Makino, Chiduru Ogai, Atsuhiro Ogai, Masanao Ogai
C1-2	Which color looks delicious	Otake Kasumi (Fukushima Prefectural Fukushima High School), Kobayashi Mana, Katagiri Minon, Tazawa Mihana
C1-3	Is color important for memory consolidation ?	Nagakura kentaro (Tochigi Prefectural Tochigi High School)

Oral Presentation C2（Color Environment）：15:30-16:15		
C2-1	Color Standards in City Planning and Store Facade Design Changes: Part 8 Relationship between the content of the landscape formation standards and the adopted design change methods	Masayuki Harada (Nagoya City Univ.), Toshiharu Terashima, Takashi Hanari
C2-2	Comparative Studies on Visual and Color Impression for Landscapes at Hida-Takayama between Japanese and Chinese	Keisuke Tanikawa (Meijo University), Mikiko Kawasumi
C2-3	Practical Research of Colors Based upon Local Resources by academia – Shopping District Collaboration	Kanako Murakami (Kagoshima University), Akiyo Makino

* Poster Core Time	
1	June 7th（sat） 14:00-14:45
2	June 7th（sat） 14:45-15:30
3	June 8th（sun） 11:30-12:15

■Schedule

June 8th（sun）Room A： Grand Demonstration Room

Oral Presentation A3（Color Vision/Color Physiology）：9:00-10:15

A3-1	Differences in Search Efficiency Reduction Due to Color in Different-Shape Search Task Depending on Color Vision	Hayate Yamamura (Graduated School of Information Science and Engineering, Ritsumeikan University), Hiroyuki Shinoda
A3-2	Estimating metamer-mismatch volume between CIE-1931 color matching functions and CIE-2006 cone fundamentals	Atsuya Hasegawa (Toyohashi University of Technology), Kowa Koida
A3-3	Development of Four-Primary Color Reproduction to Reduce Observer Metamerism in Anomalous Trichromacy	Taiju Inoshita (Graduate School of Design, Kyushu University), Tsukasa Muraya, Shoji Sunaga
A3-4	Development and Evaluation of Individual Color Matching Function Estimation for Display Color Personalization	Yuto Koyanagi (TOPPAN Digital Inc.), Takaya Tanaka, Tomohito Masuda, Yasuki Yamauchi, Reina Shigemura
A3-5	Comparison of simple reaction times among color directions under an abrupt decrease in background luminance.	Minwoo Son (Science Tokyo, School of Engineering, Department of Information and Communication Engineering), Takehiro Nagai

Oral Presentation A4（Color measurement/Color Representation/Color Difference）：10:30-11:30

A4-1	Methods for measuring the reflective performance of retroreflective materials according to their applications	Hideki Sakai (Osaka Metropolitan University), Hiroyuki Iyota
A4-2	Investigation of the colourimetric accuracy of Gonio-spectroradiometer.	Mitsuhiro Aoyagi (Yamagata University, Systems Engineering Inc.), Kazuaki Ohkubo, Yasuki Yamauchi
A4-3	Calculation for uniform color space ～Change the u*v* coefficients for each color category	Kohei Wakai (Cre-Inno Co., Ltd.)
A4-4	Research into the Psychological Effects of Applying Preferred Lipstick Colors	International Graduate School of Advanced Studies J. F. Oberlin University

Symposium 「Yonezawa's noble white and red-dyeing with safflower and white monkey-」：13:30-14:30

Keynote1	Yonezawa City Natural Monument 「Agatuma no shirozaru」 Is it really a white japanese monkey?	小酒井貴晴（山形大学大学院・教授）
Keynote2	Development of Prototypes Utilizing Safflower Produced in Yamagata Prefecture	平田充弘（山形県工業技術センター・主任専門研究員）

Ceremony：14:45-15:45

June 8th（sun）Room B： Room 212（Building4, 2nd floor）

Oral Presentation B3（Color and Skin）：9:00-10:15

B3-1	Enhancement of perceived skin lightness through facial feature modifications in a brief glance at a face	Takehiro Nagai (School of Engineering, Institute of Science Tokyo), Kana Koizumi, Kenta Miyoshi
B3-2	Applying a Color Palette of Color Me Beautiful, Carole Jackson	Yoshie Enoki (Chiba University)
B3-3	Explore the vertex of yellowish and bluish in personal color by observing complexion according to hue	Tomomi Ominami (Specified Nonprofit Corporation Japan Personal Color Association), Eri Numakami, Keiko Sato, Yoko Yamauchi, Megumi Sanada, Kaori Segawa
B3-4	Factors related to skin color of middle and elderly examinees in health checkup	Wakana Toya (Tokai University Hospital), Tomoko Kutsuzawa, Yuki Akizuki, Satoshi Iwamoto, Futoshi Ohyama
B3-5	Development of biomimetic color materials towards natural skin finish	Ayano Yoshikawa (Research Laboratories, KOSÉ Corporation), Shoma Yoshida, Takashi Takeshita, Ryo Hagino, Yuji Masubuchi

Oral Presentation B4（Color Application）：10:30-11:15		
B4-1	A Tone to Color System based on The Harmony of Tones and The Harmony of Colors Part 2(Verification and Evaluation1)	Haruo Kimoto（Nagoya City University）
B4-2	Evaluation of Electric Guitar Color and Sound Impression for Application to Electric Guitar Tasting System	Masato Sakurai（Tokyo Denki University）
B4-3	Prime numbers and the Color harmony theory(7)	Satoshi Ota（Western-style painter）

June 8th（sun）Room C： Room 213（Building4, 2nd floor）

Oral Presentation C3（International Session）：9:00-10:00		
C3-1	Exploring Alignment as a Key Factor in Augmented Reality Color Appearance	Wei Li（Chiba University）, Midori Tanaka, Takahiko Horiuchi
C3-2	Evaluation of CMF Design for Automobile Interiors based on Panoramic Display	Chang Su（National Key Laboratory of Automotive Chassis Integration and bionics, Jilin University, China）, Zhiqiang Zhang, Jun Wei, Bing Chang
C3-3	Wall Color's Impact on Japanese Children's Performance	Mahshid Baniani（University of Electro-Communications）
C3-4	Influence of the distribution of scene colors on illumination estimates	Ruiqing Xue（Taiyuan University of Technology）, Ruiqing Ma, Keizo Shinomori

Tutorial & Workshop for High School Students：10:15-11:15		
C4	Color Tutorial for High School Students	坂田勝亮（元女子美術大学・教授）