

Poster Papers

13:30-15:10 / Lobby, 3F

PS01: Art, Culture, Design, Communication, Environment

- PS01-01 The Feasibility of Establishing Color Imagery Scales for Various Constructional Landscapes  
*Wen-Guey Kuo (Chinese Culture University, Taiwan), Yu-Pin Li (Chinese Culture University, Taiwan), Yuh-Chang Wei (Chinese Culture University, Taiwan), Chih-Wen Cheng (Chinese Culture University, Taiwan), Wei-Min Fu (Chinese Culture University, Taiwan)*
- PS01-02 The Cabin Lighting Colour Preference of Chinese People  
*WenWen Song (Tsinghua University, China), JunWei Wang (Boeing China, China)*
- PS01-03 Study on the Color Environment of Street Furniture in Samsan-ro, Ulsan, South Korea  
*Sunyoung Shin (Hongik University, Korea), Gyoobaek Lee (University of Ulsan, Korea)*
- PS01-04 A Study on Senior Welfare Center Color Environment- Focused on Busan City –  
*WonJi Kim (Pusan National University, Korea), SoYeon Yang (Pusan National University, Korea), TaeKyung Lee (Pusan National University, Korea)*
- PS01-05 A Study on the Color Practice of Regional Architecture in Modern Scenic Pastoral Cities  
*Ziyu Chen (China Academy Of Art, China)*
- PS01-06 Analysis on Color Environment Characteristics of Small City Parks' Social Sports Facilities in Seoul-Tokyo  
*Junhyung Lim (Inje University, Korea), Jiyoung Oh (Inje University, Korea), Heykyung Park (Inje University, Korea)*
- PS01-07 A Study on The Color Change according to The Height of Building by The Daylight  
*Kye-Ok Shin (Korea National University of Transportation, Korea)*
- PS01-08 A Change Trend Analysis of Exterior Color and material on Public Architecture  
*Seokhyun Lee (Chungang University, Korea)*
- PS01-09 Study of Nursing Home's Color Environment according to Space Function  
*Yerim Choi (Inje University, Korea), Mulin Jeong (Inje University, Korea), Heykyung Park (Inje University, Korea)*
- PS01-10 Comparative Analysis on Characteristics of Color Uses for Outdoor Advertisement between before and after Signboard Improvement Project (Focused on Signboard Improvement Project in Ganghwa-gun, Incheon  
*Mi-sun Lee (Korea Out of Home Advertising Center, Korea), Gyoung-sil Choi (Ewha Womans University, Korea)*
- PS01-11 Study on a Change Tendency of Exterior Color in Apartment Housing  
*Seokhyun Lee (Chungang University, Korea)*
- PS01-12 Color Guidelines for Integrating Lake View into Detached Single Family House Complex  
*Hyun Sun Kim (Hongik University, Korea)*
- PS01-13 An Analysis of Colors and Chromas of LED Lighting for Improving Emotional Stability and Concentration in Youth  
*Kwang Hyun Choi (Chungnam National University, Korea), Ji Young Park (Chungnam National University, Korea), Moon Su In (Chungnam National University, Korea), Jin Sook Lee (Chungnam National University, Korea)*

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- PS01-14 A Study on the Environment Color Planning of Water Resources Management - Case Study of Dongducheon City Rain Water Pump Station -  
*Jung-Eun Lee (Chung-Ang University, Korea), Seok-Hyun Lee (Chung-Ang University, Korea)*
- PS01-15 A Study on Applying Four Seasons Color Theory of Personal Color to Space Image  
*Geoni Lim (Hongik University, Korea)*
- PS01-16 Planning of Memorial History Park using Abandoned Gyeongchun Line Site -Targeting Hwarangdae Abandoned Station-  
*Youngdae Kim (Sahmyook University, Korea), MyungSun Kim (Sahmyook University, Korea), SonHyung Kim (Sahmyook University, Korea), HwanHee Lee (Sahmyook University, Korea)*
- PS01-17 Color Plan of Noryangjin Fish Market Section for Environmental Improvement  
*DoKyung Kim (Sahmyook University, Korea), SaeRum Yang (Sahmyook University, Korea), DaMi Jung (Sahmyook University, Korea), SangEun Shin (Sahmyook University, Korea), YooSun Kim (Sahmyook University, Korea)*
- PS01-18 Suggestion of Nature-friendly Color Arrangement of Apartment Considering the View of Buramsan in Korea -Targeting Sangye Byeoksan Apartment in Korea-  
*Subin Lee (Sahmyook University, Korea), Yujin Jung (Sahmyook University, Korea), Sueran Choi (Sahmyook Environmental Green Design Research Institute, Korea)*
- PS01-19 Analysis and Plan of Environmental Color in a Historical Cultural Space in an Urban Area Focusing on Nakwon Instrument Shopping Center in Korea  
*SeungHyun Kim (Sahmyook University, Korea), YoungJi Ko (Sahmyook University, Korea), Jiwon Kim (Sahmyook University, Korea), YooSun Kim (Sahmyook University, Korea)*
- PS01-20 Color Effect of Nature on Children's Art Education through Food Ingredients  
*Dahyun Lee (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS01-21 A Study on Accent Color Recognition by Color Properties  
*Jung Hee Joo (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-22 Analysis of Dominant Colors and Color Scheme of Good Design Signboards in South Korea  
*Minjung Seo (University of Tsukuba, Korea), Gyoungsil Choi (Ewha Womans University, Korea)*
- PS01-23 Color Guidelines for Bukchon Hanok Village on Alley Landscape -focused on Gamgodang-gil  
*YuJin Choi (Hongik University, Korea), SuJin Han (Hongik University, Korea), YoungMin Song (Hongik University, Korea)*
- PS01-24 Color Analysis of Decorative Court Paintings in the “Late Joseon Dynasty”  
*Yunmi Oh (Ewha Womans University, Korea)*
- PS01-25 A Study on Color Education for Creative Design Thinking  
*Eunmi Yu (SeMyung University, Korea)*
- PS01-26 Spirituality of color in traditional colors focused on Obangsaek and Chakra for well-being and healing environments  
*Hye-Gyung Yoon (Yonsei University, Korea)*
- PS01-27 A Study on the Analysis of Color Status of General Hospital Sign System  
*Hyunjee Lee (Ewha Womans University, Korea), Changsoon Kim (Ewha Womans University, Korea)*
- PS01-28 An Analysis of Brand Identity & Color Image on Blog  
*Nam-il Kim (Chung-Ang University, Korea), Seokhyun Lee (Chung-Ang University, Korea)*

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- PS01-29 The Color Analysis on the Case of with Korean's Color Sensibility -Focused on the Art Works of Dansaekhwa in 1970s to 1980s  
*Dami Hong (Hongik University, Korea), Younjin Lee (Hongik University, Korea)*
- PS01-30 The Effects of Change in Color Scheme in Street Environment on Emotion of Pedestrians  
*Eunjung Jung (Ewha Womans University, Korea), Gyoungsil Choi (Ewha Womans University, Korea)*
- PS01-31 Color Effects in Floral Art Forms Arising from Rotary Motions in Kinetic Art Technique  
*Sung-ho Song (Korea University, Korea)*
- PS01-32 A Study on Nail Designs of Color Application Expressed in Fairy Tales  
*YeonHee Pyo (Kunkuk University, Korea), YeonJa Jung (Kunkuk University, Korea)*
- PS01-33 Colors of the Public Art in Urban, Based on Seoul's Sculpture  
*YeonHong Son (Ewha Womans University, Korea)*
- PS01-34 Analysis of color images expressed in the movie 'La La Land'  
*Bora Hong (Wonkwang University, Korea), Sun Ah Kim (Wonkwang University, Korea)*
- PS01-35 Color Measure in the Fiction of Mo Yan's Red Sorghum  
*Han Dan (Northeast Normal University, China), Hu Ming Hai (Northeast Normal University, China)*
- PS01-36 A Study on the Tekhelet in the Christian Old Testament  
*Yoona Jeong (Sangmyung University, Korea)*
- PS01-37 Analysis of Korea Color Research Trend Around Dissertation and Journals (1956-2016)  
*Seong Yun Jeong (Yonsei University, Korea)*
- PS01-38 History of Color Trend as 'Historical Functionalism': Seeing Color Trend in Modern Aesthetics  
*Chan-hee Chang (KMK Color Institute, Korea)*
- PS01-39 A Study on Different Category of Pink by Different Languages \_Focused on Korean and English  
*Jaehee Heo (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-40 Impact of the Korean Wave on Beauty Market Trends in Malaysia  
*Yoomi Kim (University of Malaya, Korea), Loo Pay Lim (Berjaya University College of Hospitality, Malaysia)*
- PS01-41 Color Suggestion for Each Season for Vitalization of the Sales of Cactus Products  
*SangDuk Lee (Cactus & Succulent Research Institute, Korea), SeungMin Hong (Cactus & Succulent Research Institute, Korea), GeeYoung Lee (Cactus & Succulent Research Institute, Korea), SeungHyun Kim (Sahmyook University, Korea), YooSun Kim (Sahmyook University, Korea)*
- PS01-42 A Study on coloring Changeable Aspect of the latter Period of the Joseon Dynasty  
*JeeSun Lee (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS01-43 Study about the characteristics of hanji and wasi through the analysis of dye, extracted from the peel of an onion  
*Somi Ko (Sangmyung University, Korea), Sung Hae Kang (Sangmyung University, Korea)*
- PS01-44 A Study on the Harmony of Traditional Colors according to Difference of Shades  
*EunJi Yoo (Ewha Womans University, Korea), KyuRim Lee (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*

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- PS01-45 Comparative Investigation into the Appearance of Lapis Lazuli and Royal Blue  
*Elza Tantcheva-Burdge (Independent Scholar, United Kingdom), Vien Cheung (University of Leeds, United Kingdom)*
- PS01-46 Color research of Korean traditional painting: Starting with ChoSunDynasty Folk painting  
*Ji-hoi Beak (KMK color Institute, Korea), Min-kyoung Kim (KMK color Institute, Korea)*
- PS01-47 Korean's Association Color of Europe · Asia · North America  
*Eunhye Seo (Ewha Womans University, Korea), Yungkyung Park (Ewha Womans University, Korea)*
- PS01-48 Analysis the Correlation between Gimhae Festival Poster Color and Urban Color Guidelines  
*MinJi Kim (Inje University, Korea), InKyu Choi (Inje University, Korea), EuiTay Jung (Inje University, Korea)*
- PS01-49 Study on Color Characteristic of Joseon Court Painting-Focus on Court Jinchansang(進饌床) food decorative painting Sanghwa-concept  
*Sungwoo Choi (Dongguk University, Korea), Gyoungsil Choi (Ewha Woman's University, Korea)*
- PS01-50 A study on optimum glossiness by lightness of car interior hard-trim parts  
*Jung In Hong (Hyundai Motor Group, Korea), Myoung Suk Kim (Hyundai Motor Group, Korea), Tea Hwan No (Hyundai Motor Group, Korea)*
- PS01-51 Persona Development as a User-Centred Design Tool for Conveying Colour Information Needs in Design  
*Seahwa Won (University of Leeds, United Kingdom), Stephen Westland (University of Leeds, United Kingdom)*
- PS01-52 Effect of Blue Color on the Reliability of Korean Low-Cost Airline Websites  
*Suhui Lee (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS01-53 Comparative Study on Visual Image Structure of Flower Products between Japanese and Thai People  
*Nana Moriyama (Meijo University, Japan), Kitirochana Rattanakasamsuk (Rajamangala University of Technology Thanyaburi, Thailand), Mikiko Kawasumi (Meijo University, Japan)*
- PS01-54 From Indoor Background to the Color Expression of Art and Emotion----Study and Practice of the Color of Wooden Floor  
*Ziyu Chen (China Academy Of Art, China)*
- PS01-55 Study of Harmony for Exterior and Interior Color of A Compact Car  
*Bomi Kim (Ewha Womans University, Korea)*
- PS01-56 A Study on ISSEY MIYAKE Brand with the Perspective of Cognitive Psychology (Paradigm)  
*Kang Sung Hae (Sangmyung University, Korea), Ji Hye Huh (Sangmyung University, Korea)*
- PS01-57 2017-2018 Future Consumer and CMF Trend  
*Hyo Jung Kim (Samhwa Paints, Korea), Hyang Ran Kim (Samhwa Paints, Korea)*
- PS01-58 A Study on the Product Design using Saekdong Pattern as Accent Color  
*Kum-Hee Ryu (Hongik University, Korea)*
- PS01-59 Visual Assessment of Fashion Images, Based on Persimmon-Dyed Cotton Fabric: Galchon, by Korean and American Observers  
*Eunjou Yi (Jeju National University, Korea), Renzo Shamey (North Carolina State University, USA)*
- PS01-60 Study on Association of Sweetness by Two-color Combinations in Package Design  
*Jaeryung Park (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*

- PS01-61 The Characteristics of Colors and Emotional Color Name of Eye Shadow Products  
*MinKyung Kim (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS01-62 A Study on Cosmetic Package Colors for the Silver Generation - Focusing on Wrinkle Treatment Cosmetics  
*Yelim Kim (Inje University, Korea), Hanna Park (Inje University, Korea), Jinkyung Paik (Inje University, Korea)*
- PS01-63 Study on the warm-cool sense of the textile material and color  
*Jiyeon Oh (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-64 A Study of Color in Packaging Design for Korean Natural and Organic Beauty Products in Relation to Jeju Brand Image  
*Moon Sook Kim (Dongseoul University, Korea)*
- PS01-65 How Glossiness, Brightness, and Pearliness affect Emotional Images of Achromatic Plastic Products: The Conditional Effects of Product Sizes  
*Jiyoung Kwon (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-66 A study on seasonal color characteristics of blue denim materials  
*Sojeong Bang (Ewha Womans University, Korea), Changsoon Kim (Ewha Womans University, Korea)*
- PS01-67 Determination of Preferred Blue Lighting Color by Aesthetic Experiment and EEG Test  
*Seungjae Lee (Samsung Electronics Co., Ltd, Korea), Ji-Hyung Lee (Samsung Electronics Co., Ltd, Korea), Seongkyun Kim (KAIST, Korea), Cheol-Young Kim (Samsung Electronics Co., Ltd, Korea), Keunbum Lee (Samsung Electronics Co., Ltd, Korea), Youngsuk Lee (Samsung Electronics Co., Ltd, Korea), Jaeseung Jeong (KAIST, Korea)*
- PS01-68 A Study on Visual Openness and Stability of Glass Wall in Work Space  
*Yoo Jin Chung (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-69 Research on the Effect of Cosmetic Container color on Functional Image Appeal  
*Seong-sun Cho (KMK Color Institute, Korea), Min-kyoung Kim (KMK Color Institute, Korea)*
- PS01-70 The Color Trend; natural change of color trend  
*Ansoo Lee (Chung-ang University, Korea)*
- PS01-71 A Study on Volumetric of knit material weave interval  
*Eunjung Kim (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-72 A Study on Color Characteristics of SPA Brands  
*Hanna Park (Inje University, Korea), Yelim Kim (Inje University, Korea), Jinkyong Paik (Inje University, Korea)*
- PS01-73 Color plan of Instagram Application Icon and UI  
*Saet Byul Kim (Sahmyook Environmental Green Design Research Institute, Korea), Su Min Kim (Sahmyook University, Korea), Yeon Mi Kim (Sahmyook University, Korea), Chae Eun Han (Sahmyook University, Korea)*
- PS01-74 Comparison and Analysis of Regional Characteristics and Elements of Floral Design in Seoul and Busan  
*NaYeon Jung (Sahmyook University, Korea), JunYoung Lee (Sahmyook University, Korea)*
- PS01-75 A Study on Properties of Focal Colors Recognized through KS Basic Color Names  
*Won-Jung Choi (AmorePacific Corporation, Korea), Gyoung-sil Choi (Ewha Womans University, Korea)*

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- PS01-76 A study on the Range of the color to be recognized as a Bluish-green and Greenish-blue  
*Yunjeong Jeong (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS01-77 A Study on Safety Sign Color Standards in Construction Sites: Comparison between Korea and Other Countries  
*Ye-Eun Jang (Ewha Womans University, Korea), June-Seong Yi (Ewha Womans University, Korea), Sungjoo Hwang (Ewha Womans University, Korea), MinYoung Hong (Ewha Womans University, Korea), Hyunbin Kang (Ewha Womans University, Korea)*
- PS01-79 Color Congruency between Text and Graphics Improves Reading Fluency and Comprehension  
*Pei-Chen Wang (Chinese Culture University, Taiwan), Tsuei-Ju Hsieh (Chinese Culture University, Taiwan), Da-Lun Tang (Tamkang University, Taiwan)*
- PS01-80 A Study of Color Laws and Guidelines in Traffic and Road Facilities  
*EunKyung Shin (Ewha Womans University, Korea), GyoungSil Choi (Ewha Womans University, Korea)*
- PS01-81 A Study on the Universal Environmental Color Plan for the Color Vision Defectives  
*EunBae Moon (Chungwoon University, Korea)*
- PS01-82 A Study on the Exhibition design and Color Image Plan in National Children Museum - Focus on the Buyeo Children's Museum -  
*JungHwa Song (Kaywon University, Korea)*
- PS01-83 A Study on Colors for the Establishment of Corporate-Visual Identity - Focusing on a pot flower farm "HS Flower"  
*Minhee Hong (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS01-84 A study on associative colors and symbols on accessories shown in historical TV dramas -with a focus on 'Jang Ok-Jung, Live in Love.'  
*Minkyoung Kim (Konkuk University, Korea), Yeonja Jung (Konkuk University, Korea)*
- PS01-85 A Study on Emotional Color Image Expression of Up-cycling Brand  
*GokMi Kim (Yonam College, Korea)*
- PS01-86 Researching the Colors of Cosmetics Package Design, Focusing on Domestic Brands that Export to China  
*Yeonwon Suh (Chung-Ang University, Korea), Seokhyun Lee (Chung-Ang University, Korea)*
- PS01-87 Color And Emotioal labor – Study on Hair Salon Worker  
*Yeun-Hee Chang (JUNO Hair, Korea), Jin-Hyun Park (JUNO Hair, Korea)*



**Poster Papers**

**13:30-15:10 / Lobby, 3F**

**PS02: Education, Health, Architecture, Application**

- PS02-01 Facial Skin Color Variability in Korean Women  
*Kyungah Choi (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS02-02 Aura Colours  
*Chrysi Fytopoulou (Irida, Greece)*
- PS02-03 The Colors of Digital Textbook UI Design Elements for Smart Learning  
*KeunYoung Ahn (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS02-04 Comparison of Brain wave Characteristics consequent on Red Color Stimulus  
*Heewon Lee (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-05 A Study on the Color Characteristics Applied to Waldorf School Classroom in Healing Views  
*Dong Jun Shin (Hongik University, Korea), Joo Yun Kim (Hongik University, Korea)*
- PS02-06 The Comparison and analysis of the color development on the heavy metal content of the eyeliner products on sale.  
*KeeYoung Lee (Woosong College, Korea)*
- PS02-07 Perceived Saturation Difference of Congenital Red-Green Color Vision Deficiencies  
*Kota Kanari (Utsunomiya University, Japan), Tomoharu Ishikawa (Utsunomiya University, Japan), Miyoshi Ayama (Utsunomiya University, Japan)*
- PS02-08 A Study on Brain Wave Characteristics in Color Stimulus consequent on Personality Type  
*Heewon Lee (Chungnam National University, Korea), Jinbock Lee (Chungnam National University, Korea), Minsun Kim (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-09 Age and Wavelength Dependence of Intraocular Straylight  
*Nao Tsuchiya (Utsunomiya University, Japan), Tomonori Tashiro (Utsunomiya University, Japan), Tomoharu Ishikawa (Utsunomiya University, Japan), Kazuhiko Ohnuma (Chiba University, Japan), Miyoshi Ayama (Utsunomiya University, Japan)*
- PS02-10 A study on the mobile instant messaging application for smartphones: Focused on KAKAOTALK Application  
*JinYoung Kim (Ewha Womans University, Korea), SeHwa Won (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS02-11 Comparing brainwave in object color spaces in relation to a level of Stress  
*Suenghee Lee (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea), Heewon Lee (Chungnam National University, Korea)*
- PS02-12 Color Recognition of General Hospital Lobby by User Characteristics  
*Inyoung Choi (Inje University, Korea), Heykyung Park (Inje University, Korea)*
- PS02-13 Using Color Composition Diagrams as a Medium for Promoting Better-balanced Diet: an App Development Case  
*Yao Dai (National Chiao Tung University, China), Yi-Lin Zhuang (National Chiao Tung University, Taiwan), Nan-Ling Yeh (National Chiao Tung University, Taiwan), Jun Pan (National Chiao Tung University, China), I-Ping Chen (National Chiao Tung University, Taiwan)*

- PS02-14 A Study on Influence of Color Stimulus on Stress  
*Suenghee Lee (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea), Heewon Lee (Chungnam National University, Korea)*
- PS02-15 A Study on the Correlation between depression scale and Preference Color in the 30s and 40s  
*Gyu Rim Park (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS02-16 A Plan and Study on the Cultural Complex Design for Communication  
*Hyosik Kim (Sahmyook University, Korea), Jeon DuSoo (Sahmyook University, Korea)*
- PS02-17 A Study on Elderly's Visual Perception Discrimination consequent on Blue Brightness and Distance  
*Seongjoo Park (Chungnam National University, Korea), Jiwon Lee (Chungnam National University, Korea), Jiyoung Park (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-18 Preference of the Various Primary Colors on the Non-Transparent Display and Transparent Display  
*Hyeyoung Ha (Ulsan National Institute of Science and Technology, Korea), Youngshin Kwak (Ulsan National Institute of Science and Technology, Korea), Hyosun Kim (Samsung Display Co., Ltd., Korea), Young-jun Seo (Samsung Display Co., Ltd., Korea), Won-Sang Park (Samsung Display Co., Ltd., Korea)*
- PS02-19 Study of the effect of colors change on users of architectural spaces Applied study on patients with mental retardation and autism  
*Ibrahim Elhady Elaraby (15th May Engineering Institution, Egypt), Reda Hamada Aly (Alazhar University, Egypt)*
- PS02-20 A Study on Adjective Association and Color Combination Image Scale According to Color Perception of the Elderly  
*Hyun Sun Chung (Hongik University, Korea), Yeawon Kim (Hongik University, Korea)*
- PS02-21 Effects of Color Temperature of Hospital Lighting on the Treatment of Patients  
*DongHun Lee (ECOFEEL. co. ltd, Korea), EunJi Seo (ChungNam National University, Korea), JinSook Lee (ChungNam National University, Korea)*
- PS02-22 Spatial Resolution Affected by Light Scattering in Pseudo-Cataract Observers  
*Wataru Isoi (Ritsumeikan University, Japan), Hiroyuki Shinoda (Ritsumeikan University, Japan)*
- PS02-23 On Visual Balance Phenomena and Regularities of Colored Light Induction  
*Henian Peng (Hunan Institute of Science and Technology, China)*
- PS02-24 Color Universal Design of Tourist Kiosk Screen for Color Vision Deficiency  
*SuJin Han (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS02-25 A Study on Textile Design Development for Color Environments at Nursing Homes for the Elderly  
*Im-Jung Choi (KyungSung University, Korea), Sung-Hae Kang (Sangmyung University, Korea)*
- PS02-26 Colour in healthcare architecture. Analysis of the use of colour in three exemplary cases in the history of modern architecture  
*Ana Gascón (University of Zaragoza, Spain), Angelica Fernandez-Morales (University of Zaragoza, Spain)*
- PS02-27 Gender Differences in Physical Responses due to Changes Environmental Color Tones  
*Jiyoung Oh (Inje University, Korea), Heykyung Park (Inje University, Korea)*
- PS02-28 Fitness Center Environment Color Scheme for Women  
*JungEun Kim (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*



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- PS02-29 The Study on Preference Tendency to Simplification and Color Arrangement of Architecture Color in Korea and China Commercial Street between Korean and Chinese  
*Lu Chen (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-30 Characteristics of Environmental Color for Korea Public Healthcare Facilities  
*Jiyoung Oh (Inje University, Korea), Heykyung Park (Inje University, Korea)*
- PS02-31 A study on the relevance of brand color of natural cosmetics brand to brand concept  
*Su Mi Lee (Hongik University, Korea)*
- PS02-32 The Study on Image Evaluation about Simplification of Architecture Color in Korea and China Commercial Street between Korean and Chinese  
*Lu Chen (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-33 Exterior Color Design of Social Overhead Capitals (Especially for nuclear power plant)  
*Seongho Choi (KEPCO ENC, Korea)*
- PS02-34 An Analysis of Influence on Relationships between Visual and Auditory Senses based on the Color Image Scale  
*Junsu Park (Soongsil University, Korea), Juyeon Kim (Soongsil University, Korea)*
- PS02-35 Optimal Safety Color of Working Garment for Forestry Industry  
*HeeJin Kim (Ewha Womans University, Korea)*
- PS02-36 A Study on the Correlation Analysis between Color and Shape  
*Seungwon Ryu (Chungnam National University, Korea), Eunji Seo (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-37 A Study on Recognition Range of Korea and Traditional Colors  
*Jung Hyun Kim (Ewha Womans University, Korea), Yung Kyung Park (Ewha Womans University, Korea)*
- PS02-38 An Analysis of Characteristics for Color Coordination in a Space according to Trend Themes  
*Jinkyung Choi (Soongsil University, Korea), Juyeon Kim (Soongsil University, Korea)*
- PS02-39 A Study on Color-Emotion by Light Transformation of Space  
*Bokyung Shin (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS02-40 A Comparative Analysis of EEG (Electroencephalogram) Activation according to Media Facade Types  
*Juyeon Kim (Soongsil University, Korea)*
- PS02-41 Ways to Find the Right Colour for Residential Façades in Russia and Japan: A Comparative Study  
*Yulia A. Griber (University of Smolensk, Russia), Yosuke Yoshizawa (Kisarazu College, Japan)*
- PS02-42 Assessing on the Perceived Extension According to the Brightness Composition of Space  
*Eunji Han (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS02-43 An Analysis of Alley Color in Tongin-dong, Chebu-dong and Nuha-dong in Seochon, Seoul  
*Jinkyung Choi (Soongsil University, Korea), Kueesook Suh (Soongsil University, Korea), Juyeon Kim (Soongsil University, Korea)*
- PS02-44 National Color Interior Color Investigation  
*Mi Choi (KMK Color Institute, Korea), Min-kyoung Kim (KMK Color Institute, Korea)*
- PS02-45 Study on the Exterior Color of LH Permanent Rental Apartments  
*Yoonjoo Kang (Ewha Womans University, Korea), Seri Lee (Ewha Womans University, Korea)*

- PS02-46 Traditional Color in the Residential Area Alley of Aaruhs, Denmark  
*Junsu Park (Soongsil University, Korea), Kueesook Suh (Soongsil University, Korea), Juyeon Kim (Soongsil University, Korea)*
- PS02-47 Analysis of the Perception of Color Harmony in Makeup between Beauty College Students and Workers of the Cosmetics Industry  
*Soyoung Jang (Chung-Ang University, Korea)*
- PS02-48 Digital Colour from the Design Student's Perspective  
*Phil M Henry (University Of Leeds, United Kingdom), Lauren Millwaters (University of Leeds, United Kingdom)*
- PS02-49 Color Analysis of Tourist Attraction to Promote Ecotourism Focus on Seocheon  
*SangEun Shin (Ewha Womans University, Korea)*
- PS02-50 A Study on NCS Color Design Learning Module Development - Focusing on toning  
*Yongjin Bae (Chung-Ang University, Korea), Seokhyun Lee (Chung-Ang University, Korea)*
- PS02-51 A Study on the Effect of Color Play Program on the Growth of Creativity - Focused on elementary school  
*Cheolhee Lee (Hongik University, Korea), Yunsun Park (Korea Color Society, Korea)*
- PS02-52 A Study on Development of NCS Color Design Learning Modules  
*Huigyeong Park (Chung-Ang University, Korea), Seokhyun Lee (Chung-Ang University, Korea)*
- PS02-53 The Effects of Color Education on Stress Relief and Emotion in Adolescents Focusing on EEG  
*Seoa Lee (Hongik University, Korea)*
- PS02-54 A Study on the Color Category of Liquid Foundation#21  
*Jiyoung Yoon (Konkuk University, Korea), Yeonja Jung (Konkuk University, Korea)*
- PS02-55 The Korean standardization of the colors of sclera for the artificial eye  
*Yoonjung Kim (Ewha Womans University, Korea), KyungMin Lee (Ewha Womans University, Korea), HyeJung Jang (Yonsei University Health System Severance Hospital, Korea), Jinsook Yoon (Yonsei University Health System Severance Hospital, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS02-56 Skin Color Characteristics following Skin Types of Korean Women  
*Sun-Young Kim (MEGACOS, Korea), Han-na Kim (Noroo&Pantone Color Institute, Korea), Young-Ho Kim (MEGACOS, Korea), Jang-Yung Yoo (MEGACOS, Korea), Eun-ji Kim (MEGACOS, Korea), Jae-Min Yoon (MEGACOS, Korea), Dong-Su Lee (MEGACOS, Korea), Lee-Young Kim (MEGACOS, Korea), Yoo-Ji Hwang (MEGACOS, Korea)*
- PS02-57 Study on the extraction of modern sensibility adjectives according to traditional fabrics  
*NuRI Kim (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*
- PS02-58 2016 WINTEX Standard Color Development  
*Sun Ae Jeong (Kaywon University of Art & Design, Korea)*
- PS02-59 The Language of Color in Fashion Design  
*Wei Li (Tsinghua University, China)*
- PS02-60 Evaluation of skin color according to relative temperature  
*YooNa Cho (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*

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- PS02-61 Comparison between the Skin Colors by Face Part and the Colors of Foundations in the Market  
*Hyuna Kim (Hongik University, Korea), Younjin Lee (Hongik University, Korea)*
- PS02-62 Research of Fashion & Beauty make up Color analysis of Korean women's preferences  
*Min-kyoung Kim (KMK Color Institute, Korea), Aeri-Christina Kim (KMK Color Institute, Korea)*
- PS02-63 Skin Tone Analysis with the Use of Visual Colorimetry  
*Seungyeon Lee (Ewha Womans University, Korea), GyoungSil Choi (Ewha Womans University, Korea)*
- PS02-64 A Study on Fashion Color Image of K-pop Girl Group 'Girls Generation' according to the Concept Album and Music Video.  
*JuYoon Bae (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS02-65 Exploring the applicability of Sky-blue on the Head-Mounted Display  
*Hyosun Kim (Samsung Display, Korea), Young-Jun Seo (Samsung Display, Korea), Won-Sang Park (Samsung Display, Korea)*
- PS02-66 Image-Color Harmony: Insights from Design Practice  
*Eunjin Kim (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS02-67 How Facial Features Help "Personal Color" Diagnoses – Focus on Korean women in their 20's and 30's  
*Haejung Jang (Hongik University, Korea), Younjin Lee (Hongik University, Korea)*
- PS02-68 Interior Finishing Materials by Component fitting for Interior Design Styles  
*Jihae Min (Ewha Color Design Research Institute, Korea), Gyoungsil Choi (Ewha Womans University, Korea)*
- PS02-69 A Study on the Similarity of Image Association in Interior Design of Apartments  
*Seungwon Ryu (Chungnam National University, Korea), Eunji Seo (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS02-70 Study of Jaunseowon-Munseongsa Shrine Dancheong Coloring Technique - Focused on Dancheong Hwi Color Area –  
*Heeun Lee (Hongik University, Korea), YounJin Lee (Hongik University, Korea)*
- PS02-71 Crime Prevention through Environmental Design Certification Criteria and Prior Research Analysis – With focus on Color  
*EunKyoung Lee (Chungnam National University, Korea), JinSook Lee (Chungnam National University, Korea)*
- PS02-72 A Study on Influence of Color on Prevention of Crimes in Underground Parking Space  
*EunKyoung Lee (Chungnam National University, Korea), EunJi Seo (Chungnam National University, Korea), JinSook Lee (Chungnam National University, Korea)*
- PS02-73 Survey on the Use of Color and Finishing Materials in the Lobby Space of the History Museum of the Local Governments in Korea  
*Kyung Eun Hur (Woosong University), Jin Sang Roh (Woosong University)*
- PS02-74 Analysis of Color Distribution of Concrete Finishing Materials by adding Industrial Waste  
*Suk Pyo Kang (Woosuk University, Korea) Hye Ju Kang (Woosuk University, Korea), Eun Mi Jin (Sijigam Co., Ltd., Korea)*
- PS02-75 Study on the application of a color scheme for the hallway environment in consideration of the spatial function of an elementary school  
*Ji Hye Kim (LEOPLE Design Research Institute, Korea)*

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- PS02-76 An Interior Color Direction Methods result from Special Exhibition Theme -Case Study of National Museum Korean contemporary History-  
*Bo-Mi Han (Chung-Ang University, Korea), Seok-Hyun Lee (Chung-Ang University, Korea)*
- PS02-77 A Study on the Color Planning for Activation of Rural Village  
*Ji-seon Ryu (Chungnam National University, Korea), Hee-won Lee (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS02-78 Navigation Effect of Colored Road Marks for Wayfinding in 3D Environment  
*Jun-Kai Niu (Chinese Culture University, Taiwan), Tsuei-Ju Hsieh (Chinese Culture University, Taiwan)*
- PS02-79 A Study on Application of Living Hanbok Color Scheme Utilizing  
*Mee-Ran You (KMK color Institute, Korea), Min-Kyoung Kim (KMK color Institute, Korea), Jung-Ran Lee (KMK color Institute, Korea)*
- PS02-80 Color in Syntax Highlighting on Programmers' Readability Assessment  
*Minsun Hong (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS02-81 A comparison of AMOLED and LCD panel about visual fatigue and visual discomfort  
*Jungmin Han (KAIST, Korea), Yuchun Yan (KAIST, Korea), Seo-Hee Bae (Hansol Eye Clinic, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS02-82 Optimal Brightness of Head Mounted Display for Virtual Reality Contents  
*Yuchun Yan (KAIST, Korea), Jungmin Han (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS02-84 A Tendency Analysis of Material and Color Characteristics of Modern Architecture Heritage in the Urban Regeneration -Focused on Yongsan hospital complex-  
*Soonchol Eom (Chung-Ang University, Korea), Seokhyun Lee (Chung-Ang University, Korea)*
- PS02-85 An Analysis Current and Improvement Methods of Landscape Color Guideline in Korea  
*Juhee Kim (Chung-Ang University, Korea), Seokhyun Lee (Chung-Ang University, Korea)*
- PS02-86 A Study on Color Guidelines for Landscape Planning in Daejeon City  
*Ji-seon Ryu (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS02-87 On the Differences of "+ Color" and "Color +" in Design Thinking  
*Jianming Song (China Academy of Art, China)*

Poster Papers

13:30-15:10 / Lobby, 3F

PS03: Psychology, Light, Science & Technology

- PS03-01 Optimal White Point of Television under Varying Illuminants  
*Taeso Kim (KAIST, Korea), Kyungah Choi (KAIST, Korea), Yeonhui Ji (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS03-02 Ecology Explains Color Preferences in a Non-Industrialized Culture  
*Agata Groyecka (University of Wroclaw, Poland), Christoph Witzel (Justus-Liebig Universität Gießen, Germany), Marina Butovskaya (Russian Academy of Sciences and Russian State University for the Humanities, Russia), Piotr Sorokowski (University of Wroclaw, Poland)*
- PS03-03 The effect of providing specific color information on color preference in the future  
*Na-na Je (Ewha Womans University, Korea), Gyoung-sil Choi (Ewha Womans University, Korea)*
- PS03-05 A Study on the Associative Colors and Preferred Colors of Four Seasons According to Regions  
*Ji Young Yoon (Ewha Womans University, Korea), Gyoung-sil Choi (Ewha Womans University, Korea)*
- PS03-06 A Study on Correlation of Character's Gender, Personality and Color in Children's Animations  
*Woo-Jin Cha (Ewha Womans University, Korea)*
- PS03-07 Personality Characteristics Relating to Individual Consistency of Color Preference  
*Shinji Nakamura (Nihon Fukushi University, Japan), Shin'ya Takahashi (Tokaigakuen University, Japan)*
- PS03-08 Psychological Response in Youths to Different LED Colors and Chromas  
*Ji-Young Park (Chungnam National University, Korea), Kwang-Hyun Choi (Chungnam National University, Korea), Tae-Hwa Shin (Chungnam National University, Korea), Seong-Wook Lim (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-09 Investigation of the Fraser-Wilcox illusion based on photoreceptor stimulations  
*Wakayo Yamashita (Kagoshima University, Japan), Akiko Matsumoto (Kagoshima University, Japan), Gerald Larkins (Kagoshima University, Japan), Akiyoshi Kitaoka (Ritsumeikan University, Japan), Sei-ichi Tsujimura (Kagoshima University, Japan)*
- PS03-10 Emotional Responses to Analogous and Complementary Color Combinations of Warm and Cool Colors  
*Eun Gyeong Shin (Pusan National University, Korea), Ji Min Ha (Pusan National University, Korea), Soobeen Park (Pusan National University, Korea)*
- PS03-11 Quantitative analysis of subjective color appearance based on color  
*KwangHyun Choi (Chungnam University, Korea), JiYoung Park (Chungnam University, Korea), Ho Lee (Chungnam University, Korea), JinSook Lee (Chungnam University, Korea)*
- PS03-12 Effect of Skin Tones on Color Emotion of Lipstick Colors  
*Semin Oh (UNIST, Korea), Hyeon Jeon (UNIST, Korea), Chaeun Lee (UNIST, Korea), Arpbai Musaev (UNIST, Korea), Youngshin Kwak (UNIST, Korea)*
- PS03-13 The Relationship between Colors and Fragrances by Color impression  
*Tadayuki Wakata (Waseda University, Japan), Miho Saito (Waseda University, Japan)*
- PS03-14 A Study on Image Quality Preference by Image Brightness and Saturation - a Comparison between Adult Group and Elderly Group  
*DaEun Park (Ewha Womans University, Korea), YungKyung Park (Ewha Womans University, Korea)*

- PS03-15 Image of Purple and Orange by Pleasantness Seekers and Comfortableness Seekers  
*Shin'ya Takahashi (Tokaigakuen University, Japan), Takashi Hanari (Sugiyama Jogakuen University, Japan), Riko Miyake (Tokaigakuen University, Japan)*
- PS03-16 Color Features of the Waterscape Drawing and Drawer's Mental Image of the Water  
*Riko Miyake (Tokaigakuen University, Japan), Shin'ya Takahashi (Tokaigakuen University, Japan), Toshio Mori (Gifu Women's University, Japan)*
- PS03-17 Study on the Application of Nail Coloring According to the Color Preference of Women Between 20s and 40s.  
*Rok Sin (Konkuk University, Korea), Yeon Ja Jung (Konkuk University, Korea)*
- PS03-18 Possible Influences of Motion and Attention on Color Constancy  
*Lifang Wan (Graduate School of Engineering, Kochi University of Technology, China), Keizo Shinomori (Vision and Affective Science Integrated Research Lab., School of Information /Research Institute, Kochi University of Technology, Japan)*
- PS03-19 Blue Fluorescent Color on Displays  
*Haeryung Hong (Ewha Womans University, Korea), Yungkung Park (Ewha Womans University, Korea)*
- PS03-20 Visual Impression of Color Arrangements on a Computer Display Produced by the Colored Light Characterization Method  
*Kousuke Sugioka (Kyoto University, Japan), Taiichiro Ishida (Kyoto University, Japan)*
- PS03-21 Contrast Impact of Two-Piece Garments  
*Miyoshi Ayama (Utsunomiya University, Japan), Tomoharu Ishikawa (Utsunomiya University, Japan), Michiru Tagaya (Utsunomiya University, Japan)*
- PS03-22 The Influence of Character Processing Level on Grapheme-Colored Synesthesia  
*JuHyun Lee (Dongseo University, Korea), Katsuaki Sakata (Joshibi University of Art and Design, Japan)*
- PS03-23 Personal Color Tone analysis system research development for different face shapes (For women in their 20s and 40s)  
*Min-Kyoung Kim (KMK color Institute, Korea)*
- PS03-24 Experiment on the effect of Color Perception on the Sensation felt according to Temperature Change  
*Jin-Young Baek (Konkuk university, Korea), Ji-Sun Kim (Konkuk university, Korea), Han-Byeol Oh (Konkuk university, Korea), Jae-Hoon Jun (Konkuk university, Korea)*
- PS03-25 A Study on Healing Colors to Improve Work Environments of Beauty Workers  
*Yeon-Hee Chang (KMK color Institute, Korea), Min-Kyoung Kim (KMK color Institute, Korea)*
- PS03-26 A Comparative Study on Sensibility of Light Floor Living Room Space by Color Temperature & Illuminance Characteristic  
*Dong-Hun Lee (ECOFEEL, ltd, Korea), Jin-Sook Lee (Chungnam National University, Korea), Chan-Ung Jeong (Chungnam National University, Korea)*
- PS03-27 A Light Palette: Color Exploration on Equal Luminance  
*Kyeong Ah Jong (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS03-28 Study on Effect of Changing RVSI on Colour Appearance  
*Shinichi Oyama (Graduate School of Science and Technology, Meijo University, Japan), Mikiko Kawasumi (Graduate School of Science and Technology, Meijo University, Japan)*



- PS03-29 A Study of Meeting Room Spaces Depending on Color Temperature and Illuminance Characteristics  
*Chan-Ung Jeong (Chungnam National University, Korea), Hy-Eim Song (Chungnam National University, Korea), Byeong-Gwan Lee (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-30 Power Spectra and Spectral Signatures of Natural Images under Varying Light Illuminations  
*Juan Ojeda (Researcher, Spain), Juan Luis Nieves (Associate Professor, Spain), Javier Romero (Full Professor, Spain)*
- PS03-31 Color Characteristics of LEDs in Systems of Dynamic Lighting  
*Anna Savitskaya (National Research University MPEI, Russia), Nikolay Yeliseev (National Research University MPEI, Russia)*
- PS03-32 A Study of Color Rendering Evaluation Depending on the Color Temperature Characteristics of Automobile Mirror Lamp  
*Chan-Ung Jeong (Chungnam National University, Korea), Seong-Uk Kim (HYUNDAI-MOTOR, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-33 A Study on Photo-biological Safety Search of LED products with IEC 62471  
*Kyung-Ho Noh (Korea Testing & Research Institute, Korea), Uh-Chan Ryu (Pukyong National University, Korea)*
- PS03-34 A Study of Trends in Luminance of Automobile Air Conditioning and Audio Control Color Buttons and Evaluation of Their Performance  
*Jin-Sook Lee (Chungnam National University, Korea), Nu-Ri Jeon (HYUNDAI MOTOR, Korea), Chan-Ung Jeong (Chungnam National University, Korea)*
- PS03-35 The Influence of Lighting and Drape on the Appearance of Color and Texture of Glossy and Matt Fabric  
*Shuilan He (Graduate School of Joshibi University of Art and Design, Japan), Yuki Nakajima (Graduate School of Joshibi University of Art and Design, Japan), Takayoshi Fuchida (Graduate School of Joshibi University of Art and Design, Japan)*
- PS03-36 Eyesight Characteristics of the Elderly Based on Color Temperature and Illuminance of LED Lighting  
*Jiyoung Park (Chungnam National University, Korea), Kwanghyun Choi (Chungnam National University, Korea), Chanung Jeong (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS03-37 Influence of nail color on color appearance for skin color  
*Yuki Nakajima (Graduate school of Joshibi University of Art and Design, Japan), Shuilan He (Graduate school of Joshibi University of Art and Design, Japan), Takayoshi Fuchida (Graduate school of Joshibi University of Art and Design, Japan)*
- PS03-38 A Study on Emotional Response Consequent on Successive Contrast of Light Color  
*Seongjoo Park (Chungnam National University, Korea), Jieun Jang (Chungnam National University, Korea), Chanung Jeong (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS03-39 Simultaneous Color Contrast in White Perception of Complex Scenes  
*Malgorzata Perz (Philips Lighting Research, Netherlands), Dragan Sekulovski (Philips Lighting Research, Netherlands)*
- PS03-40 A Study of Sensibility Image of Cafes Depending on Their Interior Lighting and Color Tones  
*Eun-Ji Seo (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-41 Research on Night Lighting Environment Condition and Improvement Plan of the marine tourism city  
*Jungsoon Yang (Paichai University, Korea)*

- PS03-42 Deduction of Harmonious Color Temperature Ranges of Daylight and LED Lighting  
*EunJi Seo (Chungnam National University, Korea), JinSook Lee (Chungnam National University, Korea)*
- PS03-43 Adaptive Illumination for the Home Appliances: A Case Study of Refrigerator  
*Kyeong Ah Jeong (KAIST, Korea), Hyeon-Jeong Suk (KAIST, Korea)*
- PS03-44 Color Appearance of Vegetable according to Color Temperature and TM-30-15 Index  
*Chulsoo Yoon (Samsung Electronics, Korea), Jeongrok Oh (Samsung Electronics, Korea), Sungwoo Choi (Samsung Electronics, Korea), Jiyoung Park (Chungnam National University, Korea), Kwanghyun Choi (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-45 Study on Color Appearance of Meat Consequent on TM-30 Index  
*Jeongrok Oh (Samsung Electronics, Korea), Chulsoo Yoon (Samsung Electronics, Korea), Jeongeun Yun (Samsung Electronics, Korea), Jiyoung Park (Chungnam National University, Korea), Kwanghyun Choi (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-46 Synthesis of Carbon Black Modified and Their Carbon Color  
*Soo Youl Park (KRICT, Korea), Byung Min Lee (KRICT, Korea)*
- PS03-47 The Investigate of High-Luminance Complex Colorant for LCD Color filter  
*Soo Youl Park (KRICT, Korea), Byung Min Lee (KRICT, Korea)*
- PS03-48 Three-Dimensional Color Prediction Models for Yarn-Dyed Woven Fabrics  
*YoungJoo Chae (The Hong Kong Polytechnic University, Hong Kong), Tao Hua (The Hong Kong Polytechnic University, Hong Kong), John H. Xin (The Hong Kong Polytechnic University, Hong Kong)*
- PS03-49 A Perceptual Method to Assess Color in Interfaces  
*Cristian Bonanomi (Università degli Studi di Milano, Italy), Matteo Paolo Lanaro (Università degli Studi di Milano, Italy), Alessandro Rizzi (Università degli Studi di Milano, Italy), Barbara Rita Barricelli (Università degli Studi di Milano, Italy)*
- PS03-50 BRDF Correction for Multispectral Imagery of Korea Multi-Purpose Satellite-3A  
*Jisoo Hwang (Korea Research Institute of Standards and Science, Korea), Jong-Min Yeom (Korea Aerospace Research Institute, Korea)*
- PS03-51 Improving Color Accuracy of a Low-Cost Color Instrument  
*Eric Kirchner (AkzoNobel Performance Coatings, Netherlands), Pim Koeckhoven (AkzoNobel Performance Coatings, Netherlands), Keshav Sivakumar (AkzoNobel Performance Coatings, India)*
- PS03-52 Characterizing the Variations in Skin Colours before and after the Aerobic and Anaerobic Exercises  
*Li Jiang (University of Science and Technology Liaoning, China), Cheng Gao (University of Science and Technology Liaoning, China), Xiaotong Huang (University of Science and Technology Liaoning, China), Boxuan Ren (University of Science and Technology Liaoning, China), Kaida Xiao (University of Science and Technology Liaoning, China), Changjun Li (University of Science and Technology Liaoning, China)*
- PS03-53 Colour Synthesizer Source based on Spatially Variable Spectral Filter and Spatial Modulator  
*Dong-Hoon Lee (KRISS, Korea), Seongchong Park (KRISS, Korea), Jaekeun Yoo (KRISS, Korea), Jisoo Hwang (KRISS, Korea)*
- PS03-54 A Study on the Color Appearance of Munsell Color Charts under Various Illuminants  
*Wen-Guey Kuo (Chinese Culture University, Taiwan), Chiang Hsiao (Chinese Culture University, Taiwan), I-An Lu (Chinese Culture University, Taiwan), Qi-Zhu Hong (Mei Cha Mei Finishing Co. Ltd., Taiwan), Tzu-Han Lin (Mei Cha Mei Finishing Co. Ltd., Taiwan), Yi-Wen Zeng (Mei Cha Mei Finishing Co. Ltd., Taiwan)*

- PS03-55 A Study on the Color Characteristics Applied to Waldorf School Classroom in Healing Views  
*Dong Jun Shin (Hongik University, Korea), Joo Yun Kim (Hongik University, Korea)*
- PS03-56 A Memory Effect in Metallic Material Perception  
*Paru Kondo (Chiba University, Japan), Midori Tanaka (Chiba University, Japan), Takahiko Horiuchi (Chiba University, Japan)*
- PS03-57 Changes of Pupil Size during Colored Texture Observation  
*Ryusuke Arai (Chiba University, Japan), Midori Tanaka (Chiba University, Japan), Takahiko Horiuchi (Chiba University, Japan)*
- PS03-58 Contribution of ipRGC to the Fluorescent Feeling  
*Yuki Tanaka (Chiba University, Japan), Keita Hirai (Chiba University, Japan), Midori Tanaka (Chiba University, Japan), Takahiko Horiuchi (Chiba University, Japan), Katsunori Okajima (Yokohama National University, Japan)*
- PS03-59 Investigation of Optimal Green Primary Color in Ultra Wide Color Gamut Display  
*Yusuke Inuzuka (Utsunomiya University, Japan), Akihisa Kumakura (Utsunomiya University, Japan), Tomoharu Ishikawa (Utsunomiya University, Japan), Miyoshi Ayama (Utsunomiya University, Japan)*
- PS03-60 Evaluation of colour variation of grey scales with the viewing angle  
*Berta Bernad (CSIC, Spain), Alejandro Ferrero (CSIC, Spain), Joaquin Campos (CSIC, Spain), Noël Richard (University of Poitiers, France), Christine Fernández-Maloigne (University of Poitiers, France), Manuel Melgosa (University of Granada, Spain)*
- PS03-61 Spectral and Color Characterization of a Quantum Dots Display  
*Khalil Huraibat (University of Alicante, Spain), Eric Kirchner (AkzoNobel Performance Coatings, Netherlands), Ivo van der Lans (AkzoNobel Performance Coatings, Netherlands), Alejandro Ferrero (Consejo Superior de Investigaciones Científicas (CSIC), Spain), Joaquin Campos (Consejo Superior de Investigaciones Científicas (CSIC), Spain), Francisco Miguel Martínez-Verdú (University of Alicante, Spain), Esther Perales (University of Alicante, Spain)*
- PS03-62 The Effect of Microbial Treatment in a Room with Significantly Lower Light Intensity on the Color of Indoor Foliage Plant  
*YooSun Kim (Sahmyook University, Korea), SangEun Shin (Sahmyook Environmental GreenDesign Research Institute, Korea), KiYoung Park (National Institute of Horticultural and Herbal Science, Korea)*
- PS03-63 Neurophysiological Approach to the Effect of Color Scheme and Light - Focused on PB Color with Short Wavelength  
*JiMin Ha (Pusan National University, Korea), EunGyeong Shin (Pusan National University, Korea), SooBeen Park (Pusan National University, Korea)*
- PS03-64 Perceivable luminance resolution for designing optimum display gamma in dark room condition  
*Eunjung Lee (Samsung Display, Korea), Suyoung Kim (Samsung Display, Korea), Jongho Chong (Samsung Display, Korea), Unbyoll Ko (Samsung Display, Korea), Seungbae Lee (Samsung Display, Korea), Hyeyong Chu (Samsung Display, Korea), Sungchul Kim (Samsung Display, Korea)*
- PS03-65 The Effect of Microbial Treatment on the Color of Foliage Plant *Aglaonema* Growing in a Room with a Small Amount of Light  
*YooSun Kim (Sahmyook University, Korea), SangEun Shin (Sahmyook University, Korea), HyoJeong Lee (Sahmyook Environmental GreenDesign Research Institute, Korea), SeoungHyun Kim (Sahmyook University, Korea), YooJin Kim (Sahmyook University, Korea), YoonYoung Kim (Sahmyook University, Korea)*

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- PS03-66 Salient and Relevant Colors in Digital Images of Paintings  
*Juan Luis Nieves (Univ. Granada, Spain), Luis Gomez-Robledo (Univ. Granada, Spain), Javier Romero (Univ. Granada, Spain)*
- PS03-67 A Study on Volumetric of Stripe Patterns on Space and Cube  
*Kyungmin Lee (Ewha Womans University, Korea), Yungkyung Park (Ewha Womans University, Korea)*
- PS03-68 Towards a comprehensive comparison among recent colour-difference formulae  
*Adrián Fernández (Universidad Complutense de Madrid, Spain), Alejandro Ferrero (CSIC, Spain), Manuel Melgosa (Departamento de Óptica, Universidad de Granada, Granada, Spain)*
- PS03-70 Conspicuity of Facial Pigmentation Influenced by Its Distribution  
*Chisako Otsuka (Graduate School of Science and Engineering, Chiba University, Japan), Yoko Mizokami (Graduate School of Science and Engineering, Chiba University, Japan), Kumiko Kikuchi (Shiseido Global Innovation Center, Japan), Hirohisa Yaguchi (Chiba University, Japan)*
- PS03-71 What Factors Mediate Individual Differences in Color Matching?  
*Atsushi Konno (Yamagata University, Japan), Kunihiro Hatakeyama (Yamagata University, Japan), Yuki Kawashima (Yamagata University, Japan), Tomonori Tashiro (Yamagata University, Japan), Takehiro Nagai (Yamagata University, Japan), Yasuki Yamauchi (Yamagata University, Japan)*
- PS03-73 Color Design Research  
*Lev Vozchikov (Independent, USA)*
- PS03-74 Discrimination Thresholds for Skin Image and Uniform Color Stimulus  
*Kazuki Hamada (Chiba University, Japan), Yoko Mizokami (Chiba University, Japan), Kumiko Kikuchi (Shiseido Global Innovation Center, Japan), Hirohisa Yaguchi (Chiba University, Japan)*
- PS03-75 Gloss Estimation of Medium and High-gloss Specimens Using a Digital Camera  
*Farnam Kavehei (AmirKabir University of Technology, Iran), Saeideh Gorji Kandi (AmirKabir University of Technology, Iran)*
- PS03-76 Analysis of Color Image of City Identity and Application Icon  
*Woo Ram Shin (Hongik University, Korea), Youn Jin Lee (Hongik University, Korea)*
- PS03-77 HDR Spectral Video System Using CMY-ND Filter  
*Yuki Onishi (Chiba University, Japan), Yoshitsugu Manabe (Chiba University, Japan), Noriko Yata (Chiba University, Japan)*
- PS03-78 A Study on Color Preference According to Personality Type – Focusing on People in their 20s and 30s  
*Yea Won Kim (Hongik University, Korea), Hyun Sun Chung (Hongik University, Korea)*
- PS03-79 Analysis of Trends and Characteristics of Domestic Nightscape Planing - With focus on 17 Regional Local Government -  
*Seong Hui Kim (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea)*
- PS03-80 Comparison of Color Emotions in Physical Space and Virtual Space  
*Wonyoung Jeong (Chungnam National University, Korea), Jiyoung Park (Chungnam National University, Korea), Jin-Sook Lee (Chungnam National University, Korea), Eunji Seo (Chungnam National University, Korea)*
- PS03-81 Senior Guideline for Smartphone Contents Based on Color  
*Yoonjung Kim (Ewha Womans University, Korea), YounJin Lee (Hongik University, Korea), YungKyung Park (Ewha Womans University, Korea)*

- PS03-82 Determination of chromium in water by using digital imaging and considering the Con Kries Chromatic adaptation in RGB and HSV Color Spaces  
*Mohsen Panjeali (Amirkabir University of Technology, Iran), Saeideh Gorji Kandi (Amirkabir University of Technology, Iran), Farhad Panahi (Amirkabir University of Technology, Iran)*
- PS03-83 The dependency of color constancy of a paint film to the initial paints  
*Bita Fotovvat (AmirKabir University of Technology, Iran), Saeideh Gorji Kandi (AmirKabir University of Technology, Iran)*
- PS03-84 Basic Research on Responsive Webpage consequent on IT Device  
*Eunkyung Kim (Chungnam National University, Korea), Eunji Seo (Chungnam National University, Korea), Jinsook Lee (Chungnam National University, Korea)*
- PS03-85 Coloration of Textile Care Symbols Applying Color Images  
*Masashi Kobayashi (Osaka Shoin Women's University, Japan), Yuko Mori (Osaka Shoin Women's University, Japan), Ikuko Okamoto (Osaka Kyoiku University, Japan)*