

The 1st International Symposium for Color Science and Art 2019

Symposium Theme:

The Interaction between Technology and Art on Color

Friday, March 15, 2019
10:00—16:50

No Reservation Required / Admission Free

Place:

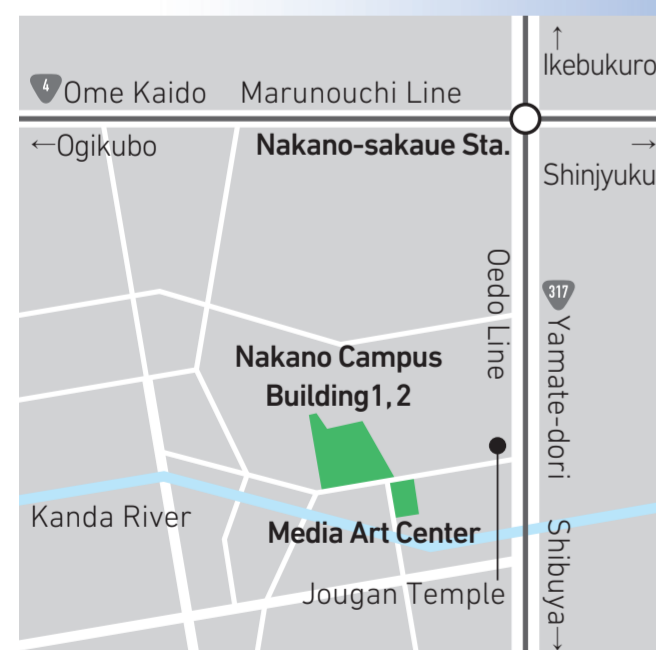
Nakano Campus, Tokyo Polytechnic University
2-9-5 Honcho, Nakano, Tokyo
- Main Hall, Media Art Center
- Information Corner, Building 1
- Media Lounge, Building 2

Organizer:

International Research Center for Color Science and Art,
Tokyo Polytechnic University (TPU)

Academic Supporting Organizations:

The Japanese Society of Printing Science and Technology
The Imaging Society of Japan
The Institute of Image Electronics Engineers of Japan
The Color Science Association of Japan
The Society of Photography and Imaging of Japan
The Japan Society for Arts and History of Photography



Transportation 5 min. walk from Nakano-sakaue station on Tokyo Metro Marunouchi Line / Toei Subway Oedo Line. Leave the station from Exit #1, and follow Yamate-dori Avenue toward Shibuya. Turn right at the Nakano-honcho 2-Chome intersection.

Contact:

Educational Research Support Division, Tokyo Polytechnic University
1583 Iiyama, Atsugi, Kanagawa
243-0297, Japan
Phone:+81-46-242-9964 E-mail:er-support@office.t-kougei.ac.jp

Official Website:

<https://www.color.t-kougei.ac.jp/en/>
<https://www.facebook.com/kougei.collab.gallery/> (Facebook)

9:30— Registration | Entrance Hall, Media Art Center

Oral Session 1 | Main Hall, Media Art Center

10:00—10:15 (15 min.) Opening Address

Introduction of Research Branding Project for Color Science and Art

Ryuichiro Yoshie | Tokyo Polytechnic University

10:15—11:10 (55 min.) Invited Talk 1

Spectral Imaging and Color in Art

Prof. Jussi Parkkinen | University of Eastern Finland

11:10—11:30 (20 min.) Presentation 1

The Overview of the 1st and 2nd Exhibition of col.lab Gallery

Yasushi Noguchi | Tokyo Polytechnic University

Poster Session with Lunch time

Information Corner, Building 1 | Media Lounge, Building 2

11:30—13:00 (90 min.) Poster Session

17 posters

Oral Session 2 | Main Hall, Media Art Center

13:30—14:25 (55 min.) Invited Talk 2

Application of High Dynamic Range Imaging Technology to Photographic Art

Prof. M. James Shyu | Chinese Culture University

14:25—14:50 (25 min.) Presentation 2

Appearance Reproduction of Photographic Prints by Display Monitor

Yoshihiko Azuma | Tokyo Polytechnic University

14:50—15:00 (10 min.) Break

Oral Session 3 | Main Hall, Media Art Center

15:00—15:20 (20 min.) Presentation 3

The col.lab Gallery 3rd Exhibition: "Explorer of Color"

Tsuyoshi Moriyama | Tokyo Polytechnic University

15:20—16:15 (55 min.) Invited Talk 3

Effect of Color Saturation on Buying Decision Model for Printed Durian Image on Packages

Prof. Aran Hansuebsai | Chulalongkorn University

16:15—16:40 (25 min.) Presentation 4

Artificial Intelligence Artistic Painting Mirror as Interactive Art Using Deep Neural Networks

Yasuo Kuhara | Tokyo Polytechnic University

16:40—16:45 (5 min.) Closing remarks

Takayuki Uchida | Tokyo Polytechnic University

Poster Session 11:30-13:00 (90 min.)

8 posters at the Information Corner (Building 1) and 9 posters at the Media Lounge (Building 2) will be presented. Please join our poster session.

URL:https://www.color.t-kougei.ac.jp/events/events28_18.html

Poster Session | Information Corner, Building 1 (8 posters)

1 Metaphoric Association between Colors and Abstract Thoughts: A Case of "Time"

Yoshihiro Matsunaka

2 Development of a Smart LED Lighting System for Preventing Unconcentrated State

Masayuki Sekiguchi, Duk Shin

3 Development of a Color Mixer for Mixed-Color Education and Its Outreach Activities

Suezou Nakadate, Yoshimasa Tokuyama

4 Education and Communication Research Using Robotics Based on Color Science

Junji Sone

5 Effect of Fixing a Tiny Wearable Display on a Tongue Imaging Analysis System (TIAS) to Improve Stability of Tongue Presentation

Takayuki Uchida

6 A Common-Path Phase-Shifting Interference-Microscope Using RGB Lasers

Jun Chen

7 Investigation of Optimal Illumination Color in Clinical Environment of Medicine

Tsuyoshi Moriyama

8 Development of a Pole that Provides Information Using Color of Light

Yuta Ogai

Media Lounge, Building 2 (9 posters)

9 Les Mémoires des Couleurs: Preserving the Color Works of Shoji Ueda and Creating the Digital Archives

Hitoshi Tanaka

10 Producing of Manga on the Colors of Horses and Armors Depicted in War Novels and Picture Scrolls of Japanese Medieval Times

Atsushi Hosogaya

11 Fundamental Study on Colored Concrete for Structural Building Members

Hiroshi Jinnai

12 Acceleration of Electrochromic Response using Metamaterials

Katsumi Yamada

13 Molecular Robots Use the Change of Colors as a Power Source: Development of an Educational Tool for Young Students by Utilizing the Structural Color Materials

Toshihiro Hiejima

14 Scientific Research into the Green Metallic Luster of Safflower Red Pigment extracted by Traditional Method

Maiko Sasaki, Hitoshi Yajima

15 Real-Time Self-Localization Using a Genetic Algorithm Based on Color Detection

Kaori Watanabe, Hidekazu Suzuki

16 An Acceleration Method for Color Computation using Coarse Pixel Shading

Takashi Imagire

17 Transmission of Color Information Using Human Body Communication

Fukuro Koshiji

About the FY 2016 Private University Research Branding Project

The "Private University Research Branding Project" is a governmental program that lends intensive support for expenses, facility costs and equipment costs as a package to private universities working on unique research across the university under the leadership of the president. There were 198 applications from private universities

nationwide and 40 schools including TPU were selected at this time in FY2016.

Our project is rooted in academic disciplines such as photography, printing, and optics, which are the roots of TPU, and it picked "color" as a cross-cutting research theme that is common in today's Faculty of Engineering and Faculty of Arts.

We will form the only "International Research Center for Color Science and Art" in Japan. Through this project, we will build our university brand to be known for "color" and aim for further "true fusion of engineering and art".

