

Satellite ICAI (BAGIS Track) @Imaging Conference JAPAN 2023 TENTATIVE PROGRAM (2023.06.05)

Date: June 29, 2023

Venue: Chiba University, Chiba, Japan & Zoom Online Meeting

9:30-9:35 Opening

9:35-10:10 Invited Lecture 1

Mixed Light LEDs and Applications

Pichayada Katemake (Chulalongkorn University, Thailand)

10:10-10:45 Invited Lecture 2

Exploring Solvation Structure in Ternary Electrolyte Solutions for Lithium-Ion Batteries:

Integrating Molecular Dynamics Simulations and Imaging Science for Comprehensive Analysis

Vannajan Sanghiran Lee, Muhammad Zhafran Zakaria (University of Malaya, Malaysia) and Woon Gie Chong (Xiamen University Malaysia Campus, Malaysia)

10:45-10:55 Short Break

10:55-12:15 Oral Session 1

10:55 **1-1 Colour Appearance of Gamma-Irradiated Quartz**

Ektawat Plerksophon and Pichayada Katemake (Chulalongkorn University, Thailand)

11:15 **1-2 Face Color Perception for Melanin and Hemoglobin Changes**

Takahisa Kitano, Hiromi Sato and Yoko Mizokami (Chiba University, Japan)

11:35 **1-3 Determination of Narrow-Band LEDs for Luminance Contrast Enhancement**

Anukul Radsamrong, Pichayada Katemake (Chulalongkorn University, Thailand), Éric Dinet (Université Jean Monnet, France), Vineetha Kalavally (Monash University Malaysia, Malaysia) and Alain Trémeau (Université Jean Monnet, France)

11:55 **1-4 Evaluating the Efficacy of Technical Images for Detecting Deterioration in Yellow Pigments**

Duantemdoung Dethsuphar and Pichayada Katemake (Chulalongkorn University, Thailand)

12:15-13:15 Lunch Break

13:15-14:45 Poster session*

14:45-15:20 Invited Lecture 3 (Recorded)

Images from Electron Microscopes in Characterisation of Polymers

Norazilawati Muhamad Sarih (Universiti Malaya, Malaysia)

15:20-15:55 Invited Lecture 4 (Online)

Recent Developments in In-Situ Photochemically Prepared Nanocomposites

Nergis Arsu, Elif Ozcelik Kazancioglu, Gonul S. Batibay, Hicret Kirtay, H. Mirac Dizman (Yildiz Technical University, Turkey), Eyup Metin (Turkish-German University, Turkey), Saliha Mutlu (Karadeniz Technical University, Turkey) and Meral Aydin (Yildiz Technical University, Turkey)

15:55-16:05 Short Break

16:05-17:25 Oral Session 2

- 16:05 **2-1 Home Laboratory: pH Detection Using Color Change of Cabbage Solution**
Surya Iryana Ihsanpuro, Abdul Halim, Latif Wahyudi, Farah Layli Ramadhani, Mikrimah Belva Areta, Ervan Arjani, Azmi Alvia Gabriel (Universitas Internasional Semen Indonesia, Indonesia), Maya Ismayati, Roni Maryana (Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Indonesia) and Maktum Muharja (Universitas Jember, Indonesia)
- 16:25 **2-2 Protection of Residual Layer for JPEG XT Images Using Reversible Data Hiding**
Noa Kikuchi and Shoko Imaizumi (Chiba University, Japan)
- 16:45 **2-3 Multispectral Imaging Database and Spectral Reflectance of Pigments and Its Application**
Sureeporn Khampaeng and Pichayada Katemake (Chulalongkorn University, Thailand)
- 17:05 **2-4 (online) Classifying Fruits and Vegetables Using Deep Learning Techniques**
Areerat Pathomchaiwal (Siam University, Thailand) and Norimichi Tsumura (Chiba University, Japan)
- 17:25-17:35 Closing**

***Poster Session: Poster list**

- P1 **The Color Through Traditional Papers, Reflecting Possible Cell Remaining**
Minsoo Shin and Toshiharu Enomae (University of Tsukuba, Japan)
- P2 **Preference of Thai and Japanese on Photographs Taking Through Various Color Filters In Case Of Appearing Healthy Skin**
Chanida Saksirikosol, Chanprapha Phuangsuwan, Kitirochna Rattanakasamsuk and Uravis Tangkijviwat (Rajamangala University of Technology Thanyaburi, Thailand)
- P3 **Powder Electroluminescent Device by Using a Naphthalenediimide Macrocycle with Red-Emission**
Hihiro Nakano (National Institute of Technology, Oita College, Japan), Riko Tanaka, Tomohito Ide (National Institute of Technology, Tokyo College, Japan), Yoshitaka Tsuchido (Tokyo University of Science, Japan), Toshifumi Satoh (Tokyo Polytechnic University, Japan) and Shota Tsuneyasu (National Institute of Technology, Oita College, Japan)
- P4 **The Effect of Surrounding for Simultaneous Color Contrast**
Janejira Mepean, Chanprapha Phuangsuwan and Mitsuo Ikeda (Rajamangala University of Technology Thanyaburi, Thailand)
- P5 **A Noise-Robust Pulse Wave Estimation Using Wiener Estimation Method**
Yuta Hino and Norimichi Tsumura (Chiba University, Japan)
- P6 **Temperature Compensation for Thermal Synthetic Aperture Imaging**
Miyuki Matsuda (Tokai University, Japan), Kenichiro Tanaka (Ritsumeikan University, Japan), Takuya Funatomi, Yasuhiro Mukaigawa (Nara Institute of Science and Technology, Japan), Suren Jayasuriya (Arizona State University, USA) and Hiroyuki Kubo (Chiba University, Japan)
- P7 **Effect of Skin Color Change on Facial Expression Recognition: A Study of Japanese and Thai Observers**
Yuanyuan He, Ryo Michishita, Hiromi Sato and Yoko Mizokami (Chiba University, Japan)
- P8 **Optical Properties of Subshell Structures**
Yuto Fujita and Daisuke Tanaka (National Institute of Technology, Oita College, Japan)