

The 9th Asian Symposium on Printing Technology (ASPT2018) V.2018-07-15  
— Development of Current Printing Technology into Next-Generation Technology —

**Technical Program:**

Date: July 26, 2018 Presentations 10:00-16:55 Banquet 18:00-20:00

Venue: Tokyo Big Sight, Conference Tower Room 101 (1F), Tokyo, JAPAN

9:30-17:00 Registration

9:30-10:00 Posting time for Poster session

10:00-10:05 Opening remarks Toshiharu Enomae (University of Tsukuba), President of JSPST

— Chair: Prof. **Yoshihiko Azuma** (Tokyo Polytechnic University) —

10:05-10:35 [Invited] Muhammad Yusuf Bin Masod (Universiti Teknologi MARA)

"Reinventing Printing Business towards Industry 4.0"

10:35-11:05 [Invited] Tohru Sugiyama (Dai Nippon Printing Co., Ltd.)

"Evaluation Method of LED Illumination for Viewing Printed Matter"

11:05-11:20 Coffee break

— Chair: Prof. **Toshifumi Sato** (Tokyo Polytechnic University)—

11:20-11:50 [Invited] Aran Hansuebsai (Chulalongkorn University)

"Consideration of Environmental Performance Index in printing house based on Carbon footprint, VOCs emission and Waste"

11:50-12:05 Noor Azly Mohammed Ali (Universiti Teknologi MARA)

"The Digital Printing Technologies and Survival of the Commercial Printers in Malaysia"

12:05-12:20 Kuan-Hsuan Lin (University of Tsukuba)

"A mathematical approach to study colloidal behavior of cellulose nanocrystal colloidal particles"

12:20-13:40 Luncheon

—Chair: Prof. **Muhammad Yusuf Bin Masod** (Universiti Teknologi MARA) —

13:40-14:10 [Invited] Rolly F. Rocha (Philippine Center for Print Excellence Foundation Inc.)

"Introduction of —Development of mosquito repellent paper patch— conducted in Technological University of the Philippines"

14:10-14:25 Abdul Halim (University of Tsukuba)

"Physical Strength of Cellulose Sponge as Dye Adsorber"

—Chair: Mr. **Tsubasa Fukuda** (FUJIFILM) —

14:25-14:30 Break for short oral presentations prior to poster session

14:30-14:32 Yukihiro Tsugita (Tokai University)

14:32-14:34 Akimasa Kameda (Tokai University)

14:34-14:36 Yuta Abe (Tokai University)

14:36-14:38 Naoki Takeda (Tokyo Polytechnic University)  
14:38-14:40 Moe Takeuchi (University of Tsukuba)  
14:40-14:42 Kento Mimuro (Chiba University)  
14:42-14:44 Otaki Keishu (Chiba University)  
14:44-14:46 Chalisa Kittirojrattana (Chulalongkorn University)  
14:46-14:48 Napapat Losuwanakul (Chulalongkorn University)  
14:48-14:50 Rolly F. Rocha (Philippine Center for Print Excellence Foundation Inc.)  
14:50-14:52 Yoshihiko Azuma (Tokyo Polytechnic University)  
14:52-15:30 Interactive time (Poster session)

—Chair: Prof. **Shigeru Takahara** (Chiba University)—

15:30-16:00 [Invited] Adi Susanto (Stikubank University)

“Recent advances in printing technology in Indonesia”

16:00-16:30 [Invited] Michinari Kohri (Chiba University)

“Bright Structural Colors Produced by Assembly of Artificial Melanin Particles”

— Facilitator: **Toshiharu Enomae** (University of Tsukuba) —

16:30-16:45 Commendation ceremony MC: Mr. Masao Mogi (TOPPAN)

16:45-16:50 Group Photo

16:50-16:55 Tour orientation by Kazuki Takizawa (DNP) and Ayato Sato (FUJIFILM)

16:55-17:00 Closing remarks by Aran Hansuebsai

18:00-20:00 Banquet Conference Tower Restaurant (Details to be announced)

**Poster presentation list** (14:25-14:52 short oral and 14:52-15:30 interactive time):

- P-1 Yukihiro Tsugita, Shuichi Maeda (Tokai University, Japan)  
“Characterization of Polypyrrole-ITO Conductive Inks”
- P-2 Akimasa Kameda, Junna Hirano, Isao Komatsu (Tokai University, Japan)  
“Flexible Substrate for Electronic Paper by Silver Spray and Toner mask Method”
- P-3 Yuta Abe, Isao Komatsu, Shuichi Maeda (Tokai University, Japan)  
“Color mixture of interference colors by niobium oxide thin film using photolithography with fine pattern”
- P-4 Naoki Takeda, Shota Tsuneyasu, Toshifumi Satoh (Tokyo Polytechnic University, Japan)  
“Electric Characteristics of Powder Electroluminescent Device Based on Paper Substrate”
- P-5 Moe Takeuchi, Toshiharu Enomae, Masato Morii, Mikio Kajiyama (University of Tsukuba, Japan)  
“Evaluation of Paper Vibration Generator on Power Storage and Supply characteristics”
- P-6 Kento Mimuro, Shigeru Takahara (Chiba University, Japan)  
“Dispersion of graphene by photo-functional dispersant”
- P-7 Otaki Keishu, Hoshino Tomohiko, Takahara Shigeru (Chiba University, Japan)  
“Dispersion and photo-precipitation of single-walled carbon nanotubes in polar solvents; watersoluble heterocoerdianthrone dispersant”
- P-8 Chalisa Kittirojattana\*, Chawan Koopipat, Aran Hansuebsai, Kosuke Takano (\*Chulalongkorn University, Thailand)  
“Prediction of User's Special Feelings to Photo based on Behaviors of Taking and Editing photo”
- P-9 Napapat Losuwanakul\*, Kazuki Sakamoto, Tatsunori Ozawa, Hiromitsu Nishimura, Hiroshi Tanaka (\*Chulalongkorn University, Thailand)  
“Trial report on applying deep learning to sign language recognition”
- P-10 Tisawan Chomfuangkaew, Thitapron Rattanavichien, Kochaporn Supasiriate, Aran Hansuebsai, Yoshihiko Azuma\* (\*Tokyo Polytechnic University, Japan)  
“Color discrimination for hue, value, and chroma under different illuminance levels”
- P-11 Rolly F. Rocha (Philippine Center for Print Excellence Foundation Inc., Philippines)  
“(to be announced)”

## Post-conference tour program:

- Application: On-line registration required for participation at:

[http://www.jspst.org/event/2018AsianSymp/Registration/2018AsianSymp\\_Registration\\_Form.html](http://www.jspst.org/event/2018AsianSymp/Registration/2018AsianSymp_Registration_Form.html)

Or, tell your intention to apply for the post-conference tour to the secretary at the registration desk on July 26.

- Date: July 27, 2018
- Destinations:
  - (1) Japan Printing Academy (JPA)

Koishikawa 4-13-2, Bunkyo-ku, Tokyo 112-0002 Tel 03-3811-2734 (Ishihara)
  - (2) Department of Graphic Arts, Tokyo Metropolitan Vocational Skills Development Center (TMVSD)

Koraku 1-9-5, Bunkyo-ku, Tokyo 112-0004 Tel 03-5800-2611 (Kaku)
- Time schedule
  - 9:00 Subway Marunouchi line (丸の内線) Myogadani St. (M23/茗荷谷駅) Exit 1
  - Walk to JPA and arrive at JPA at 9:15
  - 9:30 Welcome speech by president of JPA
  - 9:40 Lecture of overview of JPA (history, purposes, and contents of courses) by director
  - 10:00 Laboratory and Facility tour
  - 11:00 Q&A and Report of printing education in ASEAN countries by Dr. Muhammad Yusuf Bin Masod (Universiti Teknologi MARA, Malaysia) in meeting room followed by group photo
  - 11:30 Lunch in meeting room (or dine out at a Japanese restaurant)
  - 12:15 Leave JPA and take a taxi head for TMVSD
  - 12:50 Arrive at TMVSD
  - 13:00 Welcome speech by Director Mr. Junya Kaku
  - 13:10 Lecture of overview of TMVSD (history, purposes, and contents of courses) by director
  - 13:30 Laboratory and Facility tour
  - 14:30 Q&A Report of printing education in ASEAN countries by Dr. Muhammad Yusuf Bin Masod (Universiti Teknologi MARA, Malaysia) in meeting room followed by group photo
  - 15:00 Leave TMVSD and adjournment
- Transportation:

Suica/Pasmo card is useful for taking trains, subways, and buses with no cash in Tokyo metropolitan area. Available at every station with a deposit of 500 JPY.
- Committee member responsible: Dr. Toshiharu Enomae +81-9092916374 t@enomae.com



Japan Printing Academy



Tokyo Metropolitan Vocational Skills Development Center