



ICAI 2020

International Conference on Advanced Imaging 2020

2 NOV - 6 NOV 2020 Makuhari Messe, Chiba, JAPAN

collocated
with



Printing for Fabrication 2020
materials, applications, and processes

in cooperation
with



Call for Papers

Sponsored by



The Imaging Society of Japan (ISJ)



The Society of Photography and
Imaging of Japan (SPIJ)



The Japanese Society of Printing
Science and Technology (JSPST)



Society for Imaging Science and
Technology (IS&T, USA)



Cooperated by

The Institute of Image Electronics
Engineers of Japan (IIEEJ)

The Institute of Image Information
and Television Engineers (ITE)



Vision Society of Japan (VSJ)

Supported by



Chiba Convention Bureau
and International Center (CCB-IC)

CONCEPT

Join World Innovators, for Shaping the *Imaging Eco-System* and Generating New Value

Printing has attracted human intellectual evolution since Gutenberg's invention far before the industrial revolution. The printing technologies have been continuously expanding its fields with surrounding technologies not only to marking on medias but also to digital fabrication and imaging. Printing and imaging must be continuously developing since it is humans' nature, "expression". Now, the different printing/ imaging culture is found in each geographic area in the world. On the other hand, in other words, global-scale Imaging Eco-system is now ready for building. Therefore, it has important meanings that the conference is held in Asia in corporation with European and American imaging technologies and cultures. Last time, we had it in Yokohama in 1993. We will confirm again the technology and the culture developments across the geographic areas. Let us make new values in Chiba, Japan.

Conference overview

Join American, European, and Asian imaging innovators in Chiba, Japan, where the printing revolution—from material interactions to 3D advancements and applications—will be put on show. Recent progress in both mature and leading-edge printing technologies will be presented by experts from around the world, complemented by a short course program and many opportunities to network. The collocation of the Japan Federation of Imaging Societies' ICAI 2020 with the IS&T's Print4Fab 2020 and the 28th Color and Imaging Conference, provides a unique opportunity for practitioners in fields related to printing fields to explore a wide array of insight and knowledge. Come to the Makuhari Messe in Chiba and be part of the next wave of innovations!

IS&T's Print4Fab is one of the most famous international conference on imaging and fabrication technologies which was called "NIP (the International Conference on Digital Printing Technologies)" and "DF (the International Conference on Digital Fabrication Technologies)" several years ago.

Venue

International Conference Hall, Makuhari Messe, Chiba
2-1, Nakase, Mihama-ku, Chiba-city, 261-8550 Japan

In Chiba Prefecture, you can see modern large-scale shopping malls and world-famous theme parks side-by-side with historic streets and the unique local culture still alive in fishing towns where vestiges of bygone days remain. Hike the deep green woodlands and the majestic scenery of unbroken coastline paths, while learning about the prefecture's deep roots in agricultural and marine products, which are renowned for both their quality and quantity. We hope you can join us!

Makuhari is located about 40 minutes from Tokyo, and 1 hour and 15 minutes from Narita and Haneda International Airports by train ride.



CONFERENCE TOPICS / TECHNICAL AREAS

Imaging Materials and Devices

- Electrophotography: Process, Device, Material, Mechanics, System Control, Paper, etc.
- Inkjet: Printhead, Ink, Media, Mechanics, System Control, Measurement Technique, etc
- Direct Marking: Toner Marking, Thermal Print
- Green Technology, Environmental Protection and Energy Saving
- Electronic Paper / Electronic Imaging: Electronic Paper, Rewritable marking, etc.
- Digital Fabrication & 3D Printing: Printed Electronics, Bio-printing, 3D Printing, etc.
- 2.5D, Decorative Printing
- Novel Imaging
- Image Input, Image Processing and Network: Scanner, Document Management, Solution, etc.
- Measurement and Evaluation
- Light Source, Color and Sensibility KANSEI
- Simulation: Process, Device, Material, etc.

SPECIAL EVENTS

- ICAI/Print4Fab/CIC Joint Keynote Presentations, Exhibitions and Demonstrate Sessions
- Camera Technology Seminar by SPIJ
- ISJ/VSJ Special Joint Session
- Lecture on 8K Television Technologies

HOW TO SUBMIT

Abstract Deadline: 19th Apr., 2020

- Original technical contributions on imaging materials and devices are invited. Suggested topics include those listed on "Conference Topics / Technical Areas ". Authors may choose either an oral presentation or an interactive (poster) presentation. Oral and interactive presentations are considered as being equally important. Please prepare the information requested below and submit via "ICAI Abstract Submission" webpage.

Application Qualification

- As a general rule, the first author is a member of the host Societies, or worldwide related Societies and Associations.

Online Submission

- Submit a Technical Summary (Review Abstract) via the conference website:
<http://www.isj-imaging.org/event/ICAI2020/>
- Online submission will be available in next January. The followings will be required:
 1. Presentation type (oral or interactive)
 2. Paper title
 3. Technical topic (category)
 4. Keywords
 5. Short abstract with 200-300 words
 6. Technical Summary file
 7. Author name, age*1, affiliation, address, telephone, fax and e-mail

8. Co-author(s) name(s) and affiliation(s)

*1 ISJ member under 40 is a candidate for the ISJ incentive award 2020.

Technical Summary Preparation

- Follow the submission instructions given on the website. The Technical Summary will be used only for review and will not be published. The title of the accepted papers, the authors and their affiliations will be published in the Advance Program.
- Details of the format and guidelines will be described in the sample file available on the conference website. The file must contain one or two pages of text in one column with a figure. The following items must be included:
 1. Paper title
 2. Names and affiliations of all authors
 3. 200-300 words introduction
 4. Main body of the paper at least 200 words
 5. Figure that is clearly relevant to the topic
 6. Keywords
 7. References

Acceptance

- Author will submit a Technical Summary. Reviewers will judge the acceptance of the paper. Author will be notified of the results of their Technical Summary review via e-mail. Upon acceptance of the paper, the authors will prepare a camera-ready manuscript to be published in the conference proceeding.

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