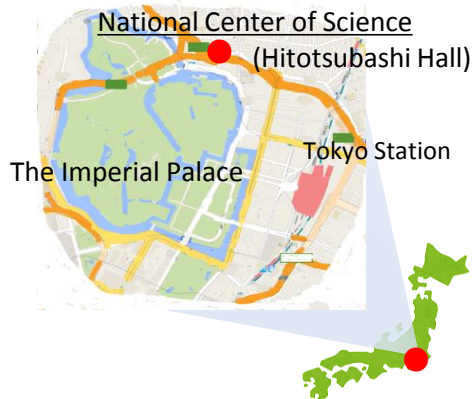


Mark your calendar
June, 17, 18, 19, 2015
1st ICAI
Tokyo,
JAPAN



@ the Center of Tokyo and the Center of Japan



1st ICAI 2015

The 1st International
Conference on Advanced Imaging
National Center of Science,
Tokyo, JAPAN

June 17, 18, 19, 2015

Call for Papers

Abstract Deadline: Nov. 30, 2014



The First

We are pleased to announce that “The 1st International Conference on Advanced Imaging” will be held in June, 2015. Now the imaging technology sees a more complicated technological landscape than before: the combination of digitization and network expansion makes technology fusion a necessity. Accordingly, we need to think about how the images should be in a variety of scenes. What are the best image displaying devices in a particular scene? How do we want to share information by using images? How do we recognize images?

The imaging technology is to explore the new horizons. Its use will not be limited to conventional business scenes. The imaging technology can now provide tools to inform you in countless situations. While you are in the traffic, what image information do you get? You can also choose different information devices whether you get information personally or share it in a group of people. You can see different modes of price tags or signs in a supermarket. You can display images in different modes in your living room. The imaging technology has huge potentials, e.g., highlighting the affected part in the Region of Interest in medical imaging, and using the technology for security purposes. By studying these possible scenes, we can further improve the technology to reach a new level of sophistication, when you may be able to choose the optimal image information efficiently wherever you will be.

Your active participation in this conference is more than welcome. We hope that fruitful discussions in this conference will lead to the incubation of new imaging technologies for the future.

Conference Committee

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Junichi HANNA (*ISJ*),
Tokyo Institute of Technology

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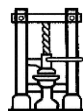
The Host Societies



The Imaging Society of Japan
(ISJ)



The Society of Photography
and Imaging of Japan (SPIJ)



The Japanese Society of
Printing Science and
Technology (JSPST)



The Institute of Image
Electronics Engineers of Japan
(IIEEJ)



The Institute of Image
Information and Television
Engineers (ITE)

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



Japan Society of Colour Material
(JSCM)



NICT International Exchange Program

<http://www.isj-imaging.org/event/ICA12015/>

ICAI Office:

icai@isj-imaging.org

Conference Topics / Technical Areas

T1. Digital Processing

Image Processing,
Medical & Bio Imaging,
3D Imaging,
Cross Media Technology

Track 1 offers sessions on various image technologies based on 2D/3D spatial information.

The scope of the track covers image processing, medical, bio and 3D imaging technologies as well as recent topics on cross-media imaging including hybrid cast services.

Track Management:
The Institute of Image
Information and Television Engineers

T2. International Standardization and its Strategy

Standardization for Creation, Coding,
Presentation, Recognition,
Interchange, Interface, Color,
and Accessibility technologies,
Standardization of Human Resources
Development

Track 2 holds sessions on international standardization and its strategy in the fields of image creation, coding, presentation, recognition, interchange, interface, color and accessibility technologies.

We will also discuss standardization for their applications and how to develop human resources for standardization. Through these sessions, we stimulate innovation.

Track Management: The Institute of
Image Electronics Engineers of Japan

T3. Capturing & Utilization of Image

Photography in Life and Culture,
Image Acquisition,
Sensing of Radiation and Emission,
Acquisition and Modeling of
Material Appearance,
Restoration and Archiving of Images
Track 3 deals with technologies and culture of "photography" merged into life and culture. The scope of the track covers overall technologies of image acquisition including camera, image sensor and systems of image capturing, sensing of radiation and emission including analysis of radiation tracks, acquisition and modeling of material appearance for various objects, and restoration and archiving of images.

Track Management: The Society of
Photography and Imaging of Japan

T4. Imaging Materials & Devices

New Materials for Novel Imaging Technology,
New Applications of Printing by Material technology,
EX: Electronic Paper, Liquid Crystal Display,
Ink Jet Printing, Electrophotography, Thermal Printing

Track 4 offers sessions to discuss characteristics, tasks and applications of basic materials for imaging that change optical features by physical or chemical changes.

We will also examine research in the early stages from scientific viewpoints and discuss their possible application devices in terms of tasks and solutions.

Further, we will address a wide variety of imaging materials from display devices to printing materials.

Track Management: The Imaging Society of Japan

T5. Printing & Fabrication

Traditional/Innovative Printing,
Digital Fabrication,
Pre/Post Press, Color Management,
Digital Workflow, Security/ Archive

Track 5 covers all kinds of printing related technologies, from basic studies to practical development, including traditional graphic arts and digital printing: typically ink-jet, electro-photographic and thermal printing.

Papers from novel research fields on 3D printing and printed electronics are highly welcomed as well as papers from print related fields such as pre/post press, color management, digital workflow, security, and archive technologies.

The Japanese Society of Printing Science and Technology

How to Submit

Abstract Deadline: Nov. 30, 2014

Original technical contributions on imaging science and technology 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.

【Abstract Submission】

1. Paper Title
2. Preferred program track (topics)
3. Preference for oral or poster presentation
4. Speaker name
5. Age (ISJ members only)*1
6. Speaker affiliation
7. Address, telephone, fax and e-mail
8. Co-author(s) name(s) and affiliation(s)
9. Abstract (200~300words with related figures and/or tables)

*1 ISJ member under 40 is a candidate for the ISJ incentive award 2015

【Links to ICAI Abstract Submission Webpage】

[http://www.isj-imaging.org/
event/ICAI2015/](http://www.isj-imaging.org/event/ICAI2015/)
→ [Abstract Submission]