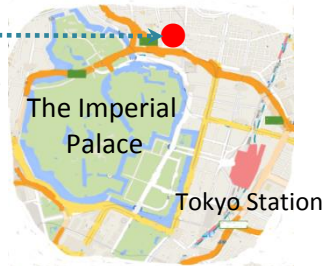


## ● Announcement

Date June 17,18,19, 2015

Conference Site .....

National Center of Science  
2-1-2 Hitotsubashi  
Chiyoda-ku, Tokyo, JAPAN



Session Style

Oral or Interactive (Poster session) presentation.  
4 tracks of conference program are scheduled alongside.

**\*Oral:**

[General Papers] 20 minutes (includes 5min. Q&A)

[Invited Papers] 30 minutes (includes 5min. Q&A)

[Keynote Speech] 50 minutes (includes 5min. Q&A)

**\*Interactive:**

5 min. oral presentation (without Q&A) and 150 min. poster exhibit.

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)

Cosponsored by



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



Japan Society of Colour Material (JSCM)



NICT International Exchange Program

# 1st ICAI 2015



The 1<sup>st</sup> International Conference  
on Advanced Imaging

## 2<sup>nd</sup> Call for Papers

**Dec. 31, 2014**

Abstract Deadline: ~~Nov. 30, 2014~~

*The Abstract Submission Site is now open!*

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 images 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.

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

## ● Abstract Submission

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 “ICA1 Abstract Submission” webpage.

Application Qualification

As a general rule, primary author should be a member of the Society or the Association around the world related to imaging technology.

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)\*<sup>1</sup>
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)

\*<sup>1</sup> ISJ member under 40 is a candidate for the ISJ incentive award 2015

Webpage for Submission

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

→ [Abstract Submission]

**Dec. 31, 2014**

Abstract submission Deadline: ~~Nov. 30, 2014~~

## ● Paper Preparation

Please refer the template file (MS-Word) for preparing the manuscript of this conference. Color graphics (figures, photos) are printed in B/W on the hardcopy proceeding but you can represent color in the CD-ROM proceeding. Please submit a MS-Word file via webpage of “1<sup>st</sup> ICA1 Paper Submission” by the due date.

When the manuscript is uploaded, MS-Word format is automatically converted to a PDF format. Please make sure that your manuscript is converted properly. The webpage will be prepared by the middle of the February.

Full papers due: **April 3, 2015**

## ● Conference Overview

Technical Sessions June17(Wed.)-19(Fri.)  
Keynote Speech, Invited Papers, General Papers and Interactive Papers.

Poster Sessions June18(Thu.)  
150 min. poster exhibit.(Interactive Papers).

Incubation Sessions June19(Fri.)  
This is a place for meetings of the minds both from industry and academia in the fields of imaging technologies. We provide opportunities for collaboration with potential industrial partners by presenting research projects at member universities of this international conference.

Social Hour June18(Thu.)  
Communication and networking with authors, participants.  
Exhibition June17(Wed.)-19(Fri.)  
Machines, Devices and Measurement Instruments related to Imaging Technologies, etc.

### Invitation for Exhibitors

The committee plans to have a exhibition of imaging and printing related products  
If you would like to exhibit at 1<sup>st</sup> ICAI, please contact ICAI office.  
icai@isj-imaging.org

## ● Conference Topics/ Technical Areas

### T1. Digital Processing

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

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 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 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 Management: The Imaging Society of Japan

### T5. Printing & Fabrication

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

The Japanese Society of Printing Science and Technology

## ● Keynotes

Prof. Tsuhan Chen  
Cornell University, USA  
“From Image Processing to Scene  
Understanding: Learning and Sharing Context  
for Holistic Image Analysis”

Prof. Tineke M Egedy  
The Delft Institute for Research on  
Standardization, Netherlands  
“Challenges of standardizing emerging  
innovations on converging technologies”

Prof. James A. Ferwerda  
Chester F. Carlson Center for Imaging Science  
Rochester Institute of Technology  
“ On pictures and stuff: image quality and  
material appearance ”

Dr. Ir. Kars-Michiel Lensen  
Philips Research, Netherlands  
“E-Skin technology and its application in  
smart windows”

Prof. Reinhard Bauman  
Chrmnitz University, Germany  
“The latest technology trends on printed  
electronics, and practical situation in  
European market(tentative)”

## ● Reference

1<sup>st</sup> ICAI Web Site

<http://www.isj-imaging.org/event/ICAI2015/>

1<sup>st</sup> ICAI Office

The Imaging Society of Japan  
c/o Tokyo Polytechnic University, 2-9-5, Honcho,  
Nakano-ku, Tokyo, 164-8768 JAPAN

Tel: +81-3-3373-9576

Fax: +81-3-3372-4414

E-mail address

icai@isj-imaging.org

Please visit our ICAI web site, latest information about the 1st ICAI will be posted on the web.