The Imaging Society of Japan
一般社団法人 日本画像学会

“Who we are, and how to join us?”
2016-2017

Pursuit of Optimal Imaging Ambience
生活シーンにおける最適な画像空間の提供
Professor Makoto OMODANI, the 30th president of ISJ

Since this April, I have assumed the president of the Imaging Society of Japan in succession to Professor HANNA, the former president. At the inauguration, I'd like to deliver my observation on the raison d’etre of the society, especially of the society for practical technologies. What would be happened if any academic society were not exist on the earth? Companies in the same field would enclose their own technical achievements. It follows such an inefficient situation for improving that any information would come and go except patent disclosure, which is called “a frog at the bottom of the well” or “scattered octopus pods”. *snip*Academic societies are widely expected as occasions to feedback achievements of progressive or long-term challenges and investigations which are difficult for industrial arena, and before that as occasions to find research issues for colleges and research institutions. The Imaging Society of Japan has fortunately realized such a raison d’etre with relatively good manner. I appreciate the technological exchanges concerning electrophotography and other imaging technology with industry-industry, industry-academic or academic-academic collaborations belonging to ISJ has given great contributions to international competitiveness of Japan by raising the level of technology as well as worldwide evolution of technology or progress in research. So, I am convinced that ISJ provides a valuable network for engineers and researchers in each field to motivate one another across the boundary of each organization. *snip*

In 2018, ISJ will celebrate 60th anniversary. I suppose we shall develop and enjoy such a valuable community together by improving our sensitivity, capability and intellect.

(From “Prefatory Note”, Journal of imaging Society of Japan, Vol.55, No.4. 2016)
In 1980s, several new research fields have been taken up such as various digital printing methods including electrophotography, technology on digital image processing and media/device for displaying images along with the popularization of computers. In 1998, 40th anniversary of the foundation, the society was renamed to the Imaging Society of Japan to cover the expanded field of digital imaging technology including electronic imaging.

ISJ Today
In 2010, the Imaging Society of Japan was registered as a general incorporated association. Recently, rapid evolution of computer’s has increased its ability of digital image data processing more than recognizable level of human being. It has also changed needs for image information at the living environment. In 2012, ISJ established a long-term vision to navigate the future for the society. Current membership is about 1000. We are striving to attain our dream on imaging.

Technical Fields
Currently, ISJ’s scopes are focused to various fields relating to image and imaging technology, especially to printing technology and its derivative technology.

Inkjet
Inkjet process, Print-head structure/driver, Ink materials, Colorants, Pigments, etc.

Electrophotography
Printing process/devices, Photoconductor, Developer materials (colorants, pigments), Functional materials

Direct Marking
Toner marking, Thermal printing, Material compositions, Colorants, Pigments

Digital Fabrication
Applying imaging technology to the other fields

Electronic Paper/ Electronic Imaging

Novel Imaging

Display Materials and Devices
Material/engineering for Organic EL, Liquid crystal, etc.

Image Input
Image scanner, Digital camera, etc.

Image Processing and Network

Image Measurement and Evaluation

Color and Sensibility Kansei on Imaging

Environmental Protection and Energy Saving

ISJ defines a fundamental policy for its activities to set the direction of improvement for imaging technology based on the ISJ Vision.

Visions

Pursuit of Optimal Imaging Ambience

• Living environment with imaging at all time
• Imaging technology for helping a productive life
• Comfortable image handling anytime/anywhere

ISJ’s Long-term Vision
ISJ assumes opportunity for incubating exploratory researches based on image or imaging technology. ISJ makes them grow to proposals for a future living environment.

Missions based on the Vision

Mission to the members
ISJ meets the needs of members’ intellectual desire to provide venues to expand their fields of knowledge through cross-field communications.

Mission to society
Image as a social infrastructure exists around us in the living environment at any time, for example: Image is supplied to us for enriching human life in the form of movie, television, display of a mobile phone, PC, medical device, advertising media, packaging, signage and book. ISJ will lead a comfortable environment for image handling anytime and anywhere through an improvement of the imaging technology.
Activities

- **Annual meeting, Imaging Conference JAPAN**
The annual conference provides opportunities for researchers and engineers concerning imaging technology to make active discussion and exchange of ideas through sharing their latest investigations. The topics cover hardcopy, various marking technologies, and novel imaging technologies such as electronic paper, electronic imaging, 3D printing and digital fabrication technologies. Regular papers, invited papers and other optional events such as workshops, Exhibition and Social hour are arranged in 3 days.

Imaging Conference JAPAN is held in June at Tokyo area, and Imaging Conference JAPAN Fall is held in November at Kansai area. The fall conference is organized as a joint event with the Federation of Imaging Societies. The spring conference in 2015 was held as an international conference (ICAI) co-sponsored by 5 societies including the Federation of Imaging Societies.

- **Symposium**
A regular symposium is organized twice a year (in May at Kansai, in December at Tokyo) featuring a specific theme. An international symposium is also held irregularly featuring a technical field which is insufficient only by domestic knowledge such as electronic paper.

- **Lecture Course**
Lecture course is held twice a year targeting engineers having 1 to 3 years’ experience in the imaging technology to learn basics. The spring course includes 2 days lecture at Tokyo. The fall course is an intensive course in one day at Kansai area. The spring course has an optional course of practical training for numerical simulation.

- **Technical Seminar**
Technical seminar is organized by each sub-committee of the Technical Committee with presentations by specialists in the specific field.

- **Imaging Café**
Key concept of the “Imaging Café” is to enjoy discussion with some refreshments in the evening after work. It is open monthly with a guest speaker. An individual membership earns a special discount to the registration fee.

- **Journal**
ISJ’s Journal is published including original papers, Technical articles, feature issues (Imaging Today) and reports/announcements of ISJ’s events. The Editorial Committee maintains opportunity for members to share knowledge. “Imaging Today” features recent topics or information of some relevant fields providing articles by specialists.
- **Free Talking “Imaging Today”**
  Authors of the articles featured at the “Imaging Today” of the ISJ’s Journal are invited and make lectures and discussions. The lectures are followed up with a social hour. It is held twice a year.

- **Distribution of Test Charts, Standard Developers and Technical Glossary**
  “Standardization” is a mission of the academic society to define the common scales and terms. ISJ’s technical committee researches and develops high-precision test charts, standard developers and also distributes a terminology of the technical terms.

![Digital Chart No.7](image)

Digital Chart No.7 developed by the Technical Committee on Image Evaluation Technology.

- **Publication**
  ISJ edits and publishes books on imaging technology. The recent publications are “Electro-photography”, “Electronic Paper”, “Inkjet” and “Chemical Toner”.

![Book Covers](image)

Series “Technology on Digital Printers”, All 4 volumes (2008)

- **Commendation**
  ISJ makes honorable recognitions of those who have remarkable accomplishments to contribute academic or technological progress in the fields of image and imaging. ISJ prepares the Society Award, the Achievement Award, the Paper Award, the Research Grant, the Technology Award, the Technical Research Award and the President Grand Prize. ISJ also gives honors of Fellows to those who contributed to the specialized fields.

- **Annual Assembly**
  According to the ISJ’s articles of incorporation, ISJ holds an annual regular general assembly to resolve important bills. The assembly is held during the period of the annual conference in spring. Each one individual membership carries one voting rights.

- **ISJ’s Homepage**
  ISJ’s homepage introduces the newest information of the events and applications. Useful links such as to registration sites of the respective events, application sites of the annual conference, updating your membership information are available through this page.

![ISJ’s Homepage](image)

http://www.isj-imaging.org/isj.html

- **Collaboration with Other Societies**
  In 2014, “The Federation of Imaging Societies” has been established by the Imaging Society of Japan, the Institute of Image Electronics Engineers of Japan, the Japan Society for Printing Science and Technology and the Society of Photographic Science and Technology, Japan. They are expanding their fields for discussion and information sharing by co-sponsoring or mutually supporting events. ISJ also arranges international collaboration with the Society for Imaging Science and Technology (IS&T) and Chinese Society for Imaging Science and Technology by supporting or co-sponsoring international conferences.
ISJ is organizationally managed by an executive board and specific committees. The executive board members are chosen in an election by individual members. The president and vice-presidents chosen from the board are representative of ISJ.

**Committee Organization**

- Executive Board
- Technical Committee
- Editorial Committee
- Nomination Committee
- Business Committee
- International Committee
- Kansai Committee

The Technical Committee organizes a sub-committee on each technical region to plan and manage technical seminars or symposiums. The sub-committee helps compiling books and glossaries published by ISJ. It also manages standardization activity as an authority of the specific field. In 2012, each sub-committee drew a technology roadmap as part of the ISJ's visions. At present, 12 sub-committees are organized:

**Printing**
- Technical Committee on Electrophotographic Technology
- Technical Committee on Toner Technology
- Technical Committee on Inkjet Technology
- Technical Committee on Thermal Printing Technology

**Image Processing**
- Technical Committee on Image Evaluation Technology
- Technical committee on Image Processing Technology

**Electronic Imaging**
- Technical Committee on Electronic Paper/Flexible Devices
- Technical Committee on Imaging Materials

**Simulation**
- Technical Committee on Simulation Technology

**Terminology**
- Technical Committee on Imaging Terminology

**New Fields**
- Technical Committee on Digital Fabrication
- Technical Committee on Sensibility Kansei on Imaging

**ISJ’s Technology Roadmap (citation) established on April 9, 2012**
How to Join Us?

The Imaging Society Japan contains many researchers and engineers belonging to printing equipment industries or the relevant manufacturers of instruments or materials. ISJ has many fascinations for an engineer with spurring curiosity and a competitive spirit through a professional or comprehensive discussion for basic and applied imaging technology on physics, chemistry, mechanics, metrology, information processing, manufacturing and kansei, as well as sociology. Everyone who is interested in “imaging” technology in various meaning is very much welcomed.

■ Individual Membership

Please visit ISJ’s Homepage and access “Information” => “To be a member”. You will find a link to the online application form. You can also request an application form to the ISJ office by e-mail, fax or phone. The billing statement will be sent by mail after the confirmation.

**Annual Fee**

- Regular Member: 8,000 yen
- Student Member: 3,000 yen

Benefits of an individual member are as follows:

1. Subscription to the bi-monthly journal as well as announcements of the conferences, seminars and other ISJ events.
2. Individual membership discount on each ISJ conference, symposium, lecture course and seminar fee.
3. Opportunities to apply paper to the conference and the journal for your research publication.
4. Membership discount price for ISJ’s test charts, standard developers and proceedings (including back numbers).
5. Priority events for individual member such as “Imaging Café” (exclusive discount fee for individual member).
6. Access to the ISJ online member directory, which is useful for finding colleagues, making network to share information between members.

■ Supporting Company Membership

ISJ solicits corporates and associations for supporting the society activities as a supporting company member. Benefits of a supporting company member are as follows:

1. Subscription to two (2) copies of bi-monthly journal per unit as well as announcements of the conferences, seminars and other ISJ events.
2. Two (2) individual membership discount per unit on each ISJ conference, symposium, lecture course and seminar fee.
3. Membership discount price for ISJ’s test charts, standard developers and proceedings (including back numbers).
4. Invitation to the chamber council as a councilor to state an opinion to the society.

Please request an application form to the ISJ office by e-mail, fax or phone. The executive board will approve and certify you as a supporting company member.

**Supporting Company Member Fee (Annual):**

80,000 yen (per unit*); *at least one unit or more

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**List of the Supporting Companies (As of August, 2016)**

【ISJ Office】
The Imaging Society of Japan, ISJ 一般社団法人日本画像学会事務局  
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Secretary Advisor: Nobuyasu OGATA  
Secretary Advisor: Koji SUZUKI  

【Homepage】
http://www.isj-imaging.org/isj.html  

Transportation 10 min. walk from Nakano-sakaue station  
on Tokyo Metro Marunouchi Line / Toei Subway Oedo Line