

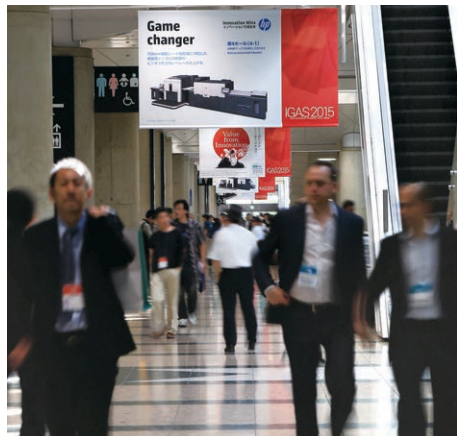
Exhibition Report

IGAS 2015 International Graphic Arts Show



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Iwao Miyakoshi
President
Japan Graphic Arts Suppliers Committee

IGAS2015 was successfully closed
– See you again at IGAS2018 –

Under the theme of *Print +innovation – Further challenge to the print technology!*, IGAS2015 was held using the all halls of the East Building, with 345 companies exhibiting across 2,688 booth units. Over the six-days period, the number of visitors reached to 56,533. The exhibition was further enlivened by a variety of events held, including the +Session, +Tour, +Future, +Live Studio, and +International sections.

The +Session section which consisted of panel discussions and seminars on a variety of themes, attracted many attendees. The panel discussions on themes of +Innovation, +Future, +International, +Digital Marketing, +CSR, Flexo Seminars, and Japan Color were held as the organizer's event and a total of 1,053 people participated in these. Seminars held by associated organizations included the "International Printing Forum" by The Japan Federation of Printing Industries, the "Asian Symposium on Printing Technology" by the Japanese Society of Printing Science and Technology, the "Tokyo Metropolitan Small and Medium Enterprise Support Center Seminar," and the "Paper Electronics Research Association Seminar," among others.

The +Tour offered guided tours of highlights in the exhibition venue. The tour consisted of the Standard Course, which introduced the topics and general overview of the exhibition, Premium Courses, which explained the latest technology and business trends in greater detail, and Theme Focus Courses, which introduced a more specialistic focus on various themes. These tours were attended by a cumulative total of 1,936 participants, and received a favorable review.

The +Future section featured special theme zones prepared for exhibitors on categories and themes that differed from the conventional, including Paper Electronics, Color Universal Design, Flexographic Printing, Packaging, the Tokyo Metropolitan Small and Medium Enterprise Support Center, the Japan Federation of Printing Industries, Japan Color, and the Research and Education.

The +Live Studio section featured an event space set up in front of the East Hall 2. Various events were held here and diverse guests were invited to appear at the talk show. Many visitors enjoyed these events in a pleasant, relaxed atmosphere.

The +International section featured the International Lounge and coordinators, who offered support services including business matching. Many international visitors took advantage of this support for their business expansion.

Blessed with excellent weather and thanks to a large number of visitors, IGAS2015 came to a successful close. I am extremely grateful for the kind support and cooperation extended by all who assisted and all who attended.

The next IGAS will be held in 2018. Standing on the success of IGAS2015, we will keep striving to create a fresher, more innovative IGAS than ever before, focussing on the customer's point of view. We as organizers will spare no effort to make IGAS the best event it can possibly be, in order to meet your expectations. I thank you sincerely for your continued generous support and cooperation.



Overview of the Exhibition & Organizer

Overview of the Exhibition

■ Title of Event	IGAS2015 (International Graphic Arts Show 2015)
■ Exhibition Objectives	The International Graphic Arts Show (IGAS) is a comprehensive international trade show on print media which showcases the latest products, technology, and services related to printing, paper converting, and digital graphics. It will provide visitors with new business opportunities for the print media industry by presenting the latest technology and various solutions. The show will also provide excellent international business opportunities and also contribute to the invigoration and development of the printing and related industries.
■ Theme	Print +innovation – Further challenge to the print technology! –
■ Dates	Friday 11th to Wednesday 16th September, 2015 (6 days)
■ Hours of Operation	10:00 a.m. to 5:00 p.m.
■ Venue	Tokyo Big Sight, East Halls 1–6
■ Number of Exhibitors	345 companies
■ Net Exhibition Area	2,688 booth units
■ Total Venue Area	Approximately 51,380 square meters
■ Admission Fee	Free for pre-registrants Registration on day: 2,000 yen
■ Organizer	Japan Graphic Arts Suppliers Committee (JGASC)
■ Supporting Organizations	Ministry of Economy, Trade and Industry, Tokyo Metropolitan Government, Japan External Trade Organization (JETRO), The Japan Federation of Printing Industries (JFPI), The Japanese Society of Printing Science and Technology (JSPST), Japan Corrugated Case Association (JCCA), Japan Association of Graphic Arts Technology (JAGAT), Digital Content Association of Japan (DCAJ), Digital Signage Consortium (in no particular order)
■ Countries Represented in the Exhibits	Japan, China, Taiwan, South Korea, Germany, Netherlands, United States, Philippines, Sweden, Belgium (in no particular order)

Organizer

■ Japan Graphic Arts Suppliers Committee	Office	C/O Japan Printing Machinery Association Kikai Shinko Kaikan, 3-5-8 Shiba Koen, Minato-ku, Tokyo, Japan 105-0011
	President	Iwao Miyakoshi (President, Japan Printing Machinery Association)
	Vice-President	Hisanori Makaya (President, Japan Association of Pre-Press & Digital Printing System Suppliers) Makoto Nishioka (Executive Director, Japan Printing Machinery Association)
■ IGAS2015 Office	Secretary General	Takeshi Hirotsune (Japan Graphic Arts Suppliers Committee)
	Secretary	Toshiyuki Namba (Japan Association of Pre-Press & Digital Printing System Suppliers) Yoshinori Numao (Printing & Publishing Institute Co, Ltd.)
	Secretariat	Motonori Kase (Japan Graphic Arts Suppliers Committee) Masaaki Honda (Japan Graphic Arts Suppliers Committee)



Opening Ceremony

The opening ceremony of IGAS2015 was held in the Live Studio situated in front of the East Hall 2. The event was well attended by over 100 participants, including distinguished guests from the Ministry of Economy, Trade and Industry and industry-related organizations, as well as the Republic of the Philippines Ambassador to Japan.

Overview of Ceremony

Date and time : Friday, September 11 (9:30 – 10:00 a.m.) Venue : In front of East Hall 2

▶ 1. Organizer's Remarks

President, Japan Graphic Arts Suppliers Committee Iwao Miyakoshi

▶ 2. Congratulatory Speeches

Head of Industrial Machinery Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry Kiyoshi Sawaki
Chairman, The Japan Federation of Printing Industries Toshiaki Inagi

▶ 3. Ribbon-Cutting Ceremony

Head of Industrial Machinery Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry Kiyoshi Sawaki
Chairman, The Japan Federation of Printing Industries Toshiaki Inagi
Chairman, All Japan Federation of Printing Industry Associations Hiroyuki Shimamura
Chairman, Japan Association of Graphic Arts Technology Shiro Tsukada
President, Japan Graphic Arts Suppliers Committee Iwao Miyakoshi

Organizer's Remarks



Iwao Miyakoshi
President, Japan Graphic Arts Suppliers Committee

Thank you very much for attending the opening ceremony of IGAS2015. We are very pleased to be able to hold this opening ceremony and to welcome such a large number of visitors, including distinguished guests from the Ministry of Economy, Trade and Industry and industry-related organizations, as well as the Republic of the Philippines Ambassador to Japan. I would like to offer heartfelt thanks to all those who so generously offered their support and cooperation for this event.

This event's theme is Print +innovation – Further challenge to the print technology!. Beyond a conventional exhibition on printing machinery, this exhibition provides global perspectives on the latest technologies and solutions in order to trigger innovation. More specifically, in addition to exhibits about

communications and solutions involving brand owner companies, there will be a significant expansion of the number of visitors from overseas, with a focus on Southeast Asia. This IGAS2015 has a special significance. From now on, JGAS will no longer be held, and IGAS will be held under a three-year cycle. I am certain of the success of IGAS2015, and I want to continue to create an innovative new form of IGAS, standing more closely with the customer perspective than ever before.

This IGAS, I am glad to host exhibitors from a wide range of fields, including prepress, printing, and post-press, as well as many companies from the digital field, and IGAS2015 will serve as a concise showcase for the state-of-the-art printing technologies and solutions upon which Japan prides itself.

Japan is regarded as one of the world leaders in printing technology, and we have strived to ensure that IGAS2015 will meet those expectations. I would like to conclude my speech by thanking you very much for your continued cooperation.

Congratulatory Speeches



Kiyoshi Sawaki
Head of Industrial Machinery Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry

I would like to offer my heartfelt congratulations on this occasion of the opening of IGAS2015.

IGAS2015 is an international exhibition of the latest printing, paper processing, and digital graphics machinery and services, all exhibited under the one roof, and as such it welcomes a great number of domestic and international visitors who come to study the outstanding technology that is the pride of manufacturing companies of Japan.

Currently, under Japan national strategy of economic revival, alongside the sustainable expansion of private investment, achieving growth through innovation has been a priority target. More specifically, as a revolution in productivity driven by future investment, Japan

aims to innovate its industrial structure and its economic society through IT. In short, we will take an active lead on the massive upheavals resulting from new

information technologies such as big data, IoT, and so on, and also work toward transformation of our industrial structure for the next generation.

With regard to the uses of information technology, the latest equipment and services exhibited at IGAS2015 are deeply involved in this area. We have seen a tremendous evolution in digital technology in recent years, which has had a huge impact on the printing industry. In addition, the value of printing expected by users and consumers who are our customers has also been changing rapidly. In this changing environment, in order to achieve further growth of the industry, we need to have a more flexible mindset and a multifaceted concept of printing, and we need to respond rapidly to ride the wave of digitization.

In order to enhance the sustainability of Japanese economy and society alongside with the revolution in productivity, Japan Ministry of Economy, Trade and Industry is doing its utmost to implement measures that play a leading role in ensuring the growth of small- and medium-sized companies in local areas.

Finally, I would like to express my hopes for the success of this exhibition and the continued prosperity of the Japanese printing industry.



Toshiaki Inagi
chairman, The Japan Federation of Printing Industries

I would like to thank you very much for inviting me here today.

This IGAS2015 will provide many fantastic possibilities for innovation, looking the future of the printing industry from a global perspective, and I have been looking forward to it greatly.

In 2011, the Japan Federation of Printing Industries announced SMATRIX 2020—our vision for the printing industry. This vision proposed four directions for the growth of the printing industry, which are evolution through digitization, advancing of environmental measures, entering the solutions business, and evolution of business models. At IGAS2015, these four proposals will be further expanded upon, with

some new directions included, giving visitors a sense of the possibilities to grow the printing industry.

The Japan Federation of Printing Industries celebrated its 30th anniversary this year. In order to fulfill our social responsibilities with regard to the printing industry, we have formulated a grand design to review the role and activities of the Japan Federation of Printing Industries. During this year, we will implement this vision, with the aim of becoming an organization that can provide leadership for Japan printing industry in the future amid significant market changes. In addition, this year also marks the milestone of 70th anniversary of the end of the Second World War. Although the printing industry played a significant role as a driving force in post-war reconstruction, in the midst of rapid changes of the recent market environment, the role of the Japan Federation of Printing Industries has once more been called into question. We believe it important that the entire printing industry and all related organizations now join forces and work together to bring about our own changes for innovation. We have great hopes that IGAS2015 will offer suggestions for new directions forward.

Finally, I would like to offer my congratulations on the success of IGAS2015 and my best wishes for the continued prosperity of the Japan Graphic Arts Suppliers Committee and all its member companies.

Events by the Organizer

Five Events of IGAS2015

The comprehensive theme of IGAS2015 was "Print +innovation – Further challenge to the print technology!," and the exhibition was aimed squarely at innovation both of print technology and of communications. IGAS2015 is not only an exhibition of conventional printing machinery, but also an exhibition of communications and problem-solving of print—not only for printing companies but also for their customers (brand owners) too. Five major events were held at IGAS 2015.



+Session

As the main events planned by the organizer, a wide variety of guests including brand owners were invited to the panel discussions on various themes, which were held daily in the Conference Tower. These sessions were attended by a total of 1,053 people. Aside from these sessions, the Japan Federation of Printing Industries hosted the International Printing Forum, the Japanese Society of Printing Science and Technology hosted the Asian Symposium on Printing Technology, and other seminars were hosted by the Tokyo Metropolitan Small and Medium Enterprise Support Center and the Paper Electronics Research Association. In addition to study a broad range of the latest information on trends of print business and the latest printing technology, the session was well received for its useful information in seeking new business opportunities for the printing industry.

▶ 1.Seminars hosted by the Organizer

■ +Innovation

Date and time: Friday, September 11 (10:30 a.m. to 12:30 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : The development of online media means that the printing industry is called upon to restructure its business. In this session, panelists including newspapers, brand owners, and printing companies were invited to present recent trends from the perspective of each industry, with a focus on innovation in communications, to offer suggestions, and to explore the current position and new possibilities for printing companies. It was suggested that, "Given the shrinking printing business, it's important to know how to grasp customer needs, as well as how we represent our companies. The 'mass production' model of marketing is now bankrupt, and the essence of innovation lies in the idea of capturing slight differences and changes in lifestyles. For corporate strategy planning, it's extremely important to reconsider what the company can offer and to clearly define what the company's role is—in short, to recapture the essence of the company."

Participants: 142

■ Moderator

• Yasuo Miyamoto
Value Machine International Inc.

■ Panelists

• Takuji Amamori
The Asahi Shimbun

• Norihiko Hayashi
Dai Nippon Printing Co., Ltd.

• Mitsuru Honma
Kao Corporation



Future

Date and time: Saturday, September 12 (10:30 a.m. to 12:30 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : Changes in the business environment such as the flourishing of electronic media and changes in societal structure have stimulated a reorganization of the printing industry, which has been searching for new business models. The panelists addressed that "With paper-based media placed in a difficult position due to the spread of electronic media, new expressions such as QR codes have been born through the combination of digital and paper media, which can be provided in surprising and fun ways"; "The use of digital printing presses can provide learning materials optimized for each customer. In the future, support for multi-use of content, such as via tablets or paper-based teaching materials, will be important"; "SNS has greatly changed the structure of communications, and establishing a good relationship with this has been an issue for the printing industry which is an information industry"; and that "Advancing the performance of print media by improving marketing ability and incorporating digital is important for building new business." The final summary was that "Within the framework of the 2011 JFPI forecast, the printing market was expected to undergo negative growth up to 2020. However, given recent environmental changes such as Abenomics and demand for inbound tourism, we have higher expectations of the future."

Participants : 168



Moderator

- Shiro Kusano
Toppan Printing Co., Ltd.

Panelists

- Minoru Aoshima
Nomura Research Institute, Ltd.
- Toshiyuki Kitahara
Dentsu Inc.
- Masayuki Kubota
Z-Kai Inc.
- Toshihisa Taguchi
House Foods Corporation

Flexo Seminar I : Expectations for sustainable water-based flexographic printing

Date and time: Saturday, September 12 (2:00 to 4:00 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : Brand owners of two companies were invited to discuss the potential for sustainability and future issues for flexographic printing with representatives of the flexographic printing industry. From the moderator, we heard a keynote report to the effect that, "There is a declining trend worldwide for print shipment, but flexographic package printing is expanding to play a leading role in the global print market." Mr. Kishi of Suntory Business from the brand owner perspective suggested that, "Suntory's adoption of water-based flexo printing of roll labels for PET bottles for drinking water is continuing to expand," and that "The amount of written characters on roll labels is increasing, and this forces them to be smaller in size. Flexography offers excellent reproducibility, with finer print and better details than conventional gravure printing, making it suitable for this." Mr. Hagai of HAVI Global Solutions emphasized that, "McDonald's is giving preferential treatment to water-based flexo printers when bidding in order to promote the adoption of water-based flexography for packaging material."

Participants : 133



Moderator

- Shinichiro Takamoto
TSI Planning Co., LTD.

Panelists

- Shigenobu Kishi
Suntory Business Expert Limited
- Akira Tsukada
TSI Planning Co., LTD.
- Yasuaki Hagai
HAVI Global Solutions
- Atsushi Yoshimoto
Yoshimoto Printing Inc.

Events by the Organizer

■ +International

Date and time: Sunday, September 13 (10:30 a.m. to 12:30 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : Under the theme “Glocal,” this session explored business opportunities for the printing industry with a particular focus on inbound tourism to Japan, which in 2014 saw 13.14 million visitors to Japan bringing consumption of 2 trillion yen. Panelists were invited from a major general discount store, a first-class hotel, and printing companies. The panelists suggested that, “By publishing regional information publications in English and Chinese, new business involving regional governments and administrations was opened up”; “Inbound tourism publicity is still inadequate, and this is a field that the printing companies could be active in”; “Anticipating the 2020 Tokyo Olympics and beyond, awareness of tourism is essential—it is important that companies and regions work together as a team, with the printing industry also a member of this team”; “Inbound tourism business is new business, and it’s worth dedicating a proper department to it”; “Further improving marketing ability, communication ability, and design ability to a high level is a significant issue”; “In business, regardless whether within Japan or abroad, consumer happiness is key.”

Participants: 106



■ Moderator

- Akiko Kadota
Fuchigami Printing Corporation

■ Panelists

- Junko Saito
Keio Plaza Hotel
- Yoshiaki Nakamura
Japan Inbound Solutions Co., Ltd.
- Shoichi Miyagi
Seed's Create
- Hayato Megumi
Saikyo Printing Co., Ltd.

■ +Digital Marketing

Date and time: Monday, September 14 (10:30 a.m. to 12:30 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : Panelists including a digital marketing services provider, a printing company, a newspaper, and a brand owner were invited to discuss the current state and future outlook of digital marketing from the sales promotion aspect via online media and print media. The presentation introduced topics such as advertising activities and product creation taking advantage of customer feedback obtained from websites, as well as newspaper production taking advantage of the strengths of digital such as variable printing. On the other hand, several panelists emphasized the importance of traditional paper-based media, with some suggesting that development of paper/digital hybrids is necessary. In addition, some issues were raised with digital media—for example, the work of paper media production would be finished upon product delivery, but for digital production work, post-delivery management is the real job, and also that digital media lacks expert knowledge with respect to paper media.

Participants: 159



■ Moderator

- Osamu Ogasawara
Mediverse

■ Panelists

- Hiroshi Kawashima
Chunichi Shimbun Co., Ltd.
- Shosuke Kumeda
ConnectOM Inc.
- Daisuke Nakamura
Lion Corporation
- Meri Yasuda
Dai Nippon Printing Co., Ltd.

■ Flexo Seminar II: Water-based flexographic printing on soft packaging: where it stands today, challenges, and future directions

Date and time: Monday, September 14 (2:00 to 4:00 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : The discussion centered on the history of water-based flexo printing for flexible packaging, including stories of its difficulties, as well as cooperation with flexible package suppliers and the future outlook for this field. Ken Asano of Kinyosha, a new entrant in the field of flexo printing for flexible package, in particular suggested that, “A flexible package by water-based flexo printing project combining gravure printers, flexo plate-makers, and flexo machine/material suppliers has set up, which commissions project members for plate making and lamination services. Kinyosha employees have also benefited from training by flexo printers and gravure printers using flexography.” He demonstrated a willingness to create a flexible package by water-based flexo printing network, stating that, “The expertise it took Kinyosha 3 years to acquire could be taught in 3 months, if the desire is there.”

Participants: 206



■ Moderator

- Akira Tsukada
TSI Planning Co., LTD.

■ Panelists

- Ken Asano
Kinyosha Printing Co., Ltd.
- Kazuhiro Kumagai
Kovax Corporation
- Kenji Shimazaki
Seikodo Company Ltd.

■ +CSR

Date and time: Tuesday, September 15 (10:30 a.m. to 12:30 p.m.)

Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : This session featured presentations and commentary about the various CSR-related issues faced by modern society, as well as the Japan Print Industry Association's efforts to promote CSR and case studies of the efforts of leading companies. The subsequent discussion centered on the best ways for printing companies to tackle CSR issues. Panelists emphasized that, "With the decrease of printed materials, printing companies need new values to exist, and CSR is the first step in becoming a company that is needed, trusted, and welcomed by the local community"; "CSR should start with the activities that your company is good at"; "Dialogue with society is important"; "It's worth cultivating the proverbial mindset of *Good for the vendor, good for the buyer, and good for the public.*" The roundup was that "keys for successful CSR project are to integrate CSR activities with your business – in other words, to insure that CSR and your business are not separate issue, and to start from the easy possible act in line with your business step-by-step."; "Tying with the society and the community is important issue for your business growth."

Participants : 52



■ Moderator

- Hiro Motoki
E-Square Inc.

■ Panelists

- Koichi Iga
Color Universal Design
Organization
- Koji Emori
Kyoshin Printing Co., Ltd.
- Kenji Kaneko
Bandai Co., Ltd.
- Motoko Kawasaki
Fujifilm Corporation

▶ 2.Seminars hosted by related Organizations

■ Tokyo Metropolitan Small and Medium Enterprise Support Center Seminar

Organizer : Tokyo Metropolitan Small and Medium Enterprise Support Center

Date and time: Monday, September 14 (1:30 to 4:00 p.m.)

Venue : Tokyo Big Sight Conference Tower, Room 601

[Lecture 1] Controlling dust by eliminating electrostatic charges in printing factories

Overview : This lecture outlined the equipment for controlling dust by removing electrostatic charges during the manufacturing process to prevent the occurrence of defects due to adhesion of foreign matter, and also to prevent the electrostatic destruction of semiconductors. Unlike other ionizers (which seem to always leak electricity), this device features no air movement and no electrical leakage, possesses powerful neutralizing ability, and is equipped with a discharge needle cleaning mechanism, being designed to "work forever" from the end user's point of view. This unique device, the Space TRINC, also neutralizes the static electricity of fine dust floating in room, which effectively reduces foreign matter defects in manufacturing plants. This helps create a workspace in which even if dust is present, it is not absorbed into manufactured products. Rather than relying on "not bringing in dust," "not permitting dust to remain," or "not generating dust," this product realizes the new concept of "not allowing dust to adhere." By adopting the Space TRINC and thus abolishing the enormous energy consumption requirements of a "clean room," manufacturers can maintain their previous level of quality assurance while slashing power consumption.

Participants : 34

■ Speaker

- Makoto Takayanagi
Trinc Corporation

[Lecture 2] The roots of printing in Japan: Traditional woodblock printing

Overview : The history of Japan's woodblock printing is very old; it has been used for ancient *ban-e* patterned designs, *suribotoko* (Buddhist woodblock prints), and picture scrolls since around the year 1200. Woodblock printing began to spread more generally with the *ukiyo-e* prints of Moronobu Hishikawa in the early Edo era, when the division of labor among "painter," "carver," and "printer" was established. As time went by, woodblock printing evolved from single-color prints to two-color and three-color prints. The *nishiki-e* technique of multi-color woodblock printing was invented by Harunobu Suzuki in 1765, enabling use of 10 colors or more, which took the technical aspects of woodblock printing to their highest level. *Ukiyo-e* woodblock prints today have earned a worldwide reputation for artistic merit.

Participants : 10

■ Speaker

- Yukiko Takahashi
Tokyo Traditional Woodblock
Print Association

Events by the Organizer

■ Paper Electronics Research Association Seminar – 4th Technology Research Symposium

Organizer : Paper Electronics Research Association
 Date and time : Monday, September 14 (2:30 to 4:30 p.m.)
 Venue : Tokyo Big Sight Conference Tower, Room 701

[Lecture 1] Commercializing of Filmo (electrostatic motor)

Overview : Mr. Iwashita introduced the process of commercialization of Filmo made possible by the keenly anticipated technology of electrostatic motor, as well as considering the challenges of large format production. He went on to discuss his experiences developing large-format, flat-screen, and lightweight products after gaining knowledge of silver nano-ink and special paper.

■ Speaker
 • Atsushi Iwashita
 Kawaguchi Electric Works Co., Ltd.

[Lecture 2] Development of a paper substrate sensor and electronics

Overview : A variety of tools are under development that utilize paper and printing technology. Professor Enomae introduced products such as a health check chip for measuring blood glucose level, a device for power generation using electrets from the vibration of paper, and a bio-assay system using a paper container with printed culture medium.

■ Speaker
 • Toshiharu Enomae
 Professor of Tsukuba University

[Lecture 3] EL elements luminous on paper substrate

Overview : EL elements, phosphor particles dispersed in highly dielectric polymer, on a film substrate are used in backlights for wristwatches. Professor Sato explained changing this substrate from film to paper to create a highly unique paper with luminous EL elements, as well as some of its features.

■ Speaker
 • Toshifumi Sato
 Professor of Tokyo Polytechnic University

Participants : 55



■ The 2015 Asian Symposium on Printing Technology (ASPT2015) – Progress of Printing Science and Technologies for a Sustainable Global Society

Organizer : The Japanese Society of Printing Science and Technology
 Date and time : Tuesday, September 15 (10:00 a.m. to 5:00 p.m.)
 Venue : Tokyo Big Sight Conference Tower, Room 609

Overview : With sponsorship by the Japan Graphic Arts Suppliers Committee, the Japanese Society of Printing Science and Technology has convened the Asian Symposium on Printing Technology every year in a region of Asia. This year, alongside IGAS2015, the Symposium was held in Japan for the first time in four years. 42 people from eight countries, Japan, South Korea, China, Taiwan, Thailand, Indonesia, the Philippines, and Malaysia, participated in lectures and vigorous discussions. After the lectures were complete, a networking gathering including participants from abroad was held to deepen the mutual ties among visitors.

Participants : 42



■ Speakers
 • Adora S. Pili
 Technological University of the Philippines
 • Tjandra Setiadi
 Bandung Institute of Technology
 • Hiroshi Nishihara
 Center for Sustainable Design Ltd.
 • Nirat Kamolsuwan
 Continental Packaging
 • Muhammad Yusuf B. Masod
 Mara University of Technology
 • Yasutoshi Miyagi
 Fujifilm Global Graphic Systems Co., Ltd.
 • Hiroki Chimura
 Fujifilm Global Graphic Systems Co., Ltd.
 • Chun-Han Ko
 National Taiwan University
 • Toru Sugiyama
 Dai Nippon Printing Co., Ltd.

International Printing Forum

Organizer : The Japan Federation of Printing Industries
 Date and time : Tuesday, September 15 (1:30 to 4:00 p.m.)
 Venue : Tokyo Big Sight Conference Tower, Rooms 607/608

Keynote Speech : Trends in the European printing industry

Overview : This presentation covered the following four countermeasures undertaken by the European printing industry, which is experiencing declining trends similar to the Japanese industry.

- Responsible Restructuring for Printing Companies
- Print Power
- Innovation
- Fight the Myth, Keep Me Posted EU

Panel Discussion

Overview : The panel discussion covered topics such as issues on M&As and securing human resources amid changes in the business model, as well as questions about systems for moving forward with Print Power activities intended to promote an appeal to the value of print. With regard to innovation, the panel covered various topics such as challenges on practice in the field of printed electronics, making for a lively and active exchange of opinions.

Participants : about 100



Keynote Speech

- Speaker
- Håvard Grjotheim
07 Media

Panel Discussion

- Moderator
- Kunio Ishibashi
The Japan Federation of Printing Industries
- Panelists
- Masato Usuda
ADPIA, Inc.
- Junichi Iwao
Ichikudo Printing Co., Ltd.
- Masaharu Iwaoka
Iwaoka Corporation
- Shiro Tsukada
Kinmei Printing Co., Ltd.
- Yutaka Matsuura
Loyal Planning Co., Ltd.
- Håvard Grjotheim
07 Media

Japan Color Certification System Seminar

Organizer : Japan Printing Machinery Association
 Date and time : Tuesday, September 15 (2:00 to 4:00 p.m.)
 Venue : Tokyo Big Sight Conference Tower, Rooms 605/606

Overview : The advantages of obtaining Japan Color certification go beyond stability of color control to include higher production efficiency, cost reduction, acquiring new clients, and more. We heard from representatives of printing companies that actually acquired this certification about their motivations, the certification process, and the impact on their business after acquisition. Mr. Yoichi Odawara, Print Net, mentioned in particular that, "Since a lot of net orders involve short-run work, rapid job sorting becomes an important element in cost reduction and thus profits. In that regard, Japan Color Certification is certainly effective." Mr. Taira Iwai, Shimizu Printing, stated that, "Based on the Japan Color standards, we can start to develop various kinds of application for special unordinary substrate, high-definition printing, etc. We'd like to pursue those possibilities."

Following the lecture, A JCCS office staff described the acquisition methods for four types of certification-standard printing, matching, proofing operations, proofing equipment.

Participants : 87



Speakers

- Yoichi Odawara
Printnet
- Taira Iwai
Shimizu Printing Inc.
- Hidetoshi Yoshida
Japan Color Certification System Department, Japan Printing Machinery Association

Events by the Organizer

+ Tour

The guided tours of various categories and themes to IGAS2015 were conducted by the organizer in order to provide visitors with brief and professional outlook of the industry trend. These were divided into the Standard Course, which introduced the general overview of the exhibition, the Premium Course, which explained the latest technology and business trends in greater detail, and the Theme Focus Course, which introduced a more professional focus on various themes. These tours were attended by a cumulative total of 1,936 participants, and were well received.



Summary of Participants for +Tour

Standard Course	Premium Course	Theme Focus Course	Total
1,072	207	657	1,936

Contents and conductors of each course

Standard Course

- Capacity: 25 Participants x 12 courses / 1 day x 6 days
- Duration: 50-minute tour

This Course provided a compact overall view of IGAS2015, summarizing all of its sights.

Premium Course

- Capacity: 25 Participants x 2 courses / 1 day x 6 days
- Duration: 20-minute lecture & 40-minute tour

These Course offered a deeper explanation of the topics of IGAS, as well as live demonstrations by exhibitors.

Conductors



Kenichi Soma
Fellow, Japan Association of Graphic Arts Technology



Yasuo Miyamoto
Executive Vice-President, Value Machine International Co., Ltd.

Theme Focus Course

- Capacity: 25 Participants x 6 courses / 1 day x 6 days
- Duration: 20-minute lecture & 40-minute tour

These Course provided deep and specialized information on the certain setup themes through lecture and related booths visit.

Pre-press Business Applications Commentary Course

This course offered commentary from the conductor's point of view on the latest business applications and trends, primarily on the pre-press area.

Conductor



Yoshitaka Kashima
President & CEO, Social Agent Co., Ltd. Managing Director, EC-PORT SDN BHD
Went independent after working in marketing at Visual Processing Japan, Inc.. A professional developer of digital printing business systems and producer of cross-media business utilizing paper and digital in a composite manner, as well as digitization of pre-press processing.

●Printing Technology Commentary Courses

This course offered commentary from the various conductors' points of view from conventional printing technology to the latest digital printing technology, state-of-the-art technology, and future trends.

■Conductors



Tetsuo Uchida
 Manager, Marketing Division, Sakata Inx Corporation
 Has been involved in the printing industry since 1974. In his former work at Kodak Corporation, he realized the development and marketing of a wide range of digital technology from toners to high-speed inkjets. A professional developer of digital printing technology and applications.



Hideaki Yoshioka
 Representative, digiphot studio y
 At Yamagata Corporation, starting from the dawn of digital printing, he introduced new-model technology from toner systems to large-format inkjets. He has been involved in introduction and operation from small-scale satellites to large-scale on-demand systems. A pioneering professional in digital printing technology and business development.



Tetsuo Kimura
 CEO, PrinTechno Co., Ltd. Visiting researcher, JAGAT
 Went independent after working in inkjet product development at Canon Inc. Spent 4 years from 2008 as a technology consultant, and worked in digital printing technical education at InfoPrint, where he was responsible for competitor research and new product planning. A professional in continuous paper rapid inkjet technology.



Hideo Yamada
 Director of Prepress Center, Okumura Printing Co., Ltd.
 In the small-lot printing business, he has handled a great volume of business from monochrome to full color by achieving all-in-one in-house post-processing. In addition to offset printing, he is a specialist in fields ranging from digital printing technology to digital data processing.

●Finishing Solutions Commentary Course

This course offered commentary from the conductor's point of view on the latest technology and trends in post-processing systems.

■Conductor



Tomoyuki Kimura
 CEO, Kimura Planning Editorial Partner, Japan Bookbinding Newspaper
 16 years with the Japanese printing industry's newspaper. Responsible principally for articles on sheet-fed offset printing as well as post-processing systems and workplaces. Currently works as a freelance writer and designer. A professional in printing technology and processing technology, he writes widely across diverse media and supports the sales activities of manufacturers.

+ Live Studio

A special stage was set up in the galleria walkway in front of the East Hall 2 as a site for announcing event information and various sights of the exhibition timely. A variety of guests came to the stage, including industry newspaper journalists as well as brand owners. Talk shows and events were held discussing what we might expect from printing in the future. More than 1,000 people attended the Live Studio in total, enjoying the events in a pleasant, relaxed mood.



■ Contents

	Sept.11 (Fri.)	Sept.12 (Sat.)	Sept.13 (Sun.)	Sept.14 (Mon.)	Sept.15 (Tue.)	Sept.16 (Wed.)
1	10:30 am IGAS Morning News	10:45 am [IGAS2015 Topics (by industry journalists)] Packaging & Finishing [Pack & Box] Japan Carton Box Information Center Co., Ltd.	IGAS Morning News	IGAS Morning News	IGAS Morning News	IGAS Morning News
2	11:00 am [IGAS2015 Topics (by industry journalists)] Commercial & Publishing Printing [Insatsu Shimpo] (Printing & Publishing Institute Co., Ltd.)	11:20 am IGAS Morning News	[IGAS2015 Topics (by industry journalists)]			
3	1:00 pm IGAS Afternoon News	1:15 pm IGAS Afternoon News	IGAS Afternoon News	IGAS Afternoon News	[Guest Presentation] Mr. Koji Emori (Kyoshin Printing Co., Ltd.)	IGAS Afternoon News
4	2:00 pm Mr. Mitsuru Homma (Kao Corporation)	2:30 pm [Guest Presentations] Mr. Shiro Kusano (Toppaan Printing Co., Ltd.)	Ms. Akiko Kadota (Fuchigami Printing Corporation)	Mr. Daisuke Nakamura (Lion Corporation)	[How to enjoy IGAS - Finding unexpected innovation!] A collection of topics by Mr. Junichiro Yamashita	
5	[How to enjoy IGAS - Finding unexpected innovation!] A collection of topics by Mr. Junichiro Yamashita					
6	4:00 pm Tokyo Info Station	4:15 pm Tokyo Info Station	Tokyo Info Station	Tokyo Info Station	Tokyo Info Station	Tokyo Info Station

Events by the Organizer

■ Guest Interviews

We invited advertisers, print buyers, and opinion leaders in the printing industry to hear their opinions on the current situation, challenges, and expectations related to the field of communications, as well as future directions for the printing industry.

[Sept.11: +Innovation]

Mitsuru Honma
Kao Corporation



While reflecting back on what was discussed in the seminar +Innovation, we asked Mr. Honma as a panelist about the current situation and challenges of the methods for utilizing media at Kao Corporation. In addition, we discussed the possibilities that printed matter such as packaging could contribute to promoting communications between Kao Corporation and consumers, as well as the possibility of a new business model, the "open kitchen" style factory, that could take advantage of the features of digital printing equipment.

[Sept.12: +Future]

Shiro Kusano
Toppan Printing Co., Ltd.



From the seminar +Future moderated by Mr. Kusano, case studies of Z-Kai and House Foods, the current situation of the printing industry and how printing is positioned as the communication media were presented. He pointed out "Print 3.0" as an industry direction of which fundamental concepts are being value-driven aiming at social benefit, and it defines that printer's source of competitiveness is on their business model, networking power and business influence power.

[Sept.13: +International]

Akiko Kadota
Fuchigami Printing Corporation



Ms. Kadota introduced some initiatives by Japan Inbound Solutions (Don Quijote Group) and the Keio Plaza Hotel from the +International session, where she served as the moderator. Of particular interest was the discussion of Naranara, the bilingual Japanese-English free newspaper published by printing company Seeds Create in Nara Prefecture, and the presentation of an actual copy. At the same time, she indicated some cross-border opportunities for communication services not limited to the inbound direction, such as overseas distribution of information.

[Sept.14: +Digital Marketing]

Daisuke Nakamura
Lion Corporation



Based on his own experiences through the activities of the information site Lidea launched by Lion Corporation about a year ago, Mr. Nakamura demonstrated the opportunities for cooperation between digital marketing and over-the-counter promotional print materials. He also pointed out the importance of "interpreting," which could explain how the latest printing equipment exhibited at the IGAS venue might help solve the problems of print buyers.

[Sept.15: +CSR]

Koji Emori
Kyoshin Printing Co., Ltd.



Mr. Emori was asked about his experiences and opinions gained through the CSR activities of his company, particularly acceptance of work experience trainee at his factory. He explained the advantages of CSR, including that he benefited from diverse new business chances by being deepened relationships with client companies and the local community. Additionally, for printing companies that are now starting or deepening their CSR initiatives, Mr. Emori suggested that it was important that printing companies "enjoy these CSR activities" if they wish to strengthen their efforts.

■ How to enjoy IGAS2015 – Finding unexpected innovation!

Based on his actual interviews and investigations conducted around the venue, Mr. Junichiro Yamashita (of the Brighter Later) presented daily topics of IGAS2015. In addition to booths of leading companies, he aggressively introduced many topics of smaller booths and +Future exhibitor booths. He comprehensively covered many topics and fascinations of IGAS2015 with showing actual samples of new products.

<Themes>

- Sept.11: How to enjoy IGAS2015 (An overview)
- Sept.12: Having fun with digital printing press (1): The hardware perspective
- Sept.13: Having fun with digital printing press (2): The printed materials perspective
- Sept.14: Having fun with digital converting machinery
- Sept.15: Having fun with software and new technologies
- Sept.16: IGAS2015 Summary & Outlook for drupa2016



■ IGAS2015 Topics reported by industry journalists (Overall Review on Sept.16)

Bringing together on stage the reporters representing five industry newspapers who reported daily articles from September 11 to 15, the talk show presented their professional views about product and technology trends at IGAS2015. Summary: Throughout all categories of print production such as commercial printing, publishing, packaging, seal labels, bookbinding and converting, there are so many digital products in exhibits. The exhibition sparked the desire to invest in high value-added printing and small lot variable printing. The hope was expressed that at the next IGAS, valuable information originating from Japan would continue to lead the world.



+ Future

Part of East Halls 4 and 6 were given over to a theme zone prepared for exhibitors on categories and themes that differed from the conventional. +Future zone was configured in seven zones with 43 exhibitors, included Flexography, Label, Tokyo Metropolitan Small and Medium Enterprise Support Center, Japan Federation of Printing Industries, Color Universal Design, and Japan Color Certification System, as well as the now-regular Research and Education Zone for research institutions such as universities.



■ +Future Exhibitors (number of exhibitors)

Tokyo Metropolitan Small and Medium Enterprise Support Center Zone (11)

- ◆Kyokko Denki Co., Ltd.
- ◆Toa Grout Kogyo Co., Ltd.
- ◆System-Keiso Co. Ltd.
- ◆Kohden Co., Ltd.
- ◆Trinc Corporation
- ◆Aspect Inc.
- ◆Ducol Co., Ltd.
- ◆Hakko Corporation
- ◆Tokyo Dento Mokuhangha Kougei Kyodo Kumiai
- ◆Bio Future, Inc.
- ◆Tokyo Metropolitan Small and Medium Enterprise Support Center

Flexography Zone (10)

- ◆Nihon Denshi Seiki Co., Ltd.
- ◆Meisho Corporation
- ◆Itochu Machine-Techos Corporation
- ◆Flexographic Technical Association of Japan
- ◆Cross-link Pacific Inc.
- ◆Matsuo Sangyo Co., Ltd.
- ◆Dainichiseika Color & Chemicals Mfg. Co., Ltd.
- ◆Kodak Japan Ltd.
- ◆Kinyosha Co., Ltd.
- ◆Orient Sogyo Co., Ltd.

Label Zone (5)

- ◆Microboards Technology Inc.
- ◆Intecs Corporation
- ◆Hori Metal Leaf & Powder Co., Ltd.
- ◆Sankei Business Ltd.
- ◆Kimoto Co., Ltd.

Color Universal Design Zone (1)

- ◆Color Universal Design Organization

The Japan Federation of Printing Industries Zone (1)

- ◆The Japan Federation of Printing Industries

Japan Color Certification System Zone (1)

- ◆Japan Printing Machinery Association

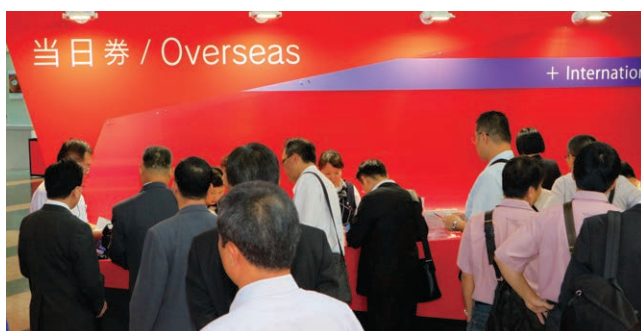
Research and Education Zone (14)

- ◆Sato Laboratory, Department of Media and Image Technology, Tokyo Polytechnic University
- ◆Uchida Laboratory, Department of Media and Image Technology, Tokyo Polytechnic University
- ◆Azuma Laboratory, Department of Media and Image Technology, Tokyo Polytechnic University
- ◆Thin Film Laboratory, Nagoya Institute of Technology
- ◆Paper Electronics Research Association
- ◆Laboratory of Cellulose Nanofiber Materials, ISIR, Osaka University
- ◆Laboratory of Paper Devices and Eco-friendly Material Sciences, University of Tsukuba
- ◆Research Institute for Environmental Management Technology, National Institute of Advanced Industrial Science and Technology
- ◆System Safety Course, Nagaoka University of Technology
- ◆Aoki and Imaizumi Laboratory, Department of Image Science, Graduate School of Advanced Integration Science, Chiba University
- ◆Takahara Laboratory, Department of Image and Materials Science, Graduate School of Advanced Integration Science, Chiba University
- ◆Ergonomic Design Laboratory, Tokyo Denki University
- ◆Society for the Study of Printing Original Equipment Manufacturing (OEM) (NPO)
- ◆Japan Printing Academy

+ International

In order to provide hospitality and a variety of information to visitors from overseas, we arranged a multilingual (English, Chinese, Korean, Thai, and Indonesian) concierge at the north concourse reception area.

We also provided business coordinating services at the International Lounge, which offered support services such as business matching utilized by many visitors and exhibitors.



■ Users of International Lounge

Total number of visitors: Approximately 305
Total number of business discussions: Approximately 89

■ Business categories of visitors

Printing companies, printing-related equipment and materials manufacturers, distributors, consultants, press and publishing companies, industry officials, etc.

■ Countries of visitors

Philippines, China, Taiwan, India, Thailand, South Korea, Germany, United States, Iran, Pakistan, Africa, United Kingdom, Indonesia, Japan, and more.

■ Coordinators



Shin Kishioka
I.T.A., Inc. Company President (Chicago)
Originally worked for Itochu Corporation. His department dealt with new fields in industrial machinery, and he was also engaged in the import and sale of merchandise such as digital printing. Currently engaged in consulting work etc., focusing on areas rarely involving general trading companies.



Kangsheng Zhang
Chief Representative, Japan Branch,
Printing and Printing Equipment Industries Association of China
Based on his wide range of contacts in Japan and abroad, he works to recruit exhibitors and attract visitors to exhibitions in Chinese-speaking areas, as well as working to recruit exhibitors and mobilize support services for exhibitions in Japan.

Exhibition Archives

Number of Exhibitors & Booths

	IGAS2015		IGAS2011	
	Number of companies	Number of booths	Number of companies	Number of booths
Exhibitors from Japan	296	2,496	295	2,588
Exhibitors from Overseas	49	192	32	152
Total	345	2,688	327	2,740

- “Exhibitors from overseas” here indicates foreign companies exhibiting without assistance or intervention from Japanese subsidiaries or import trading companies etc.
- Number of joint exhibitors: 24 companies (IGAS2011: 32 companies)

Number of Visitors

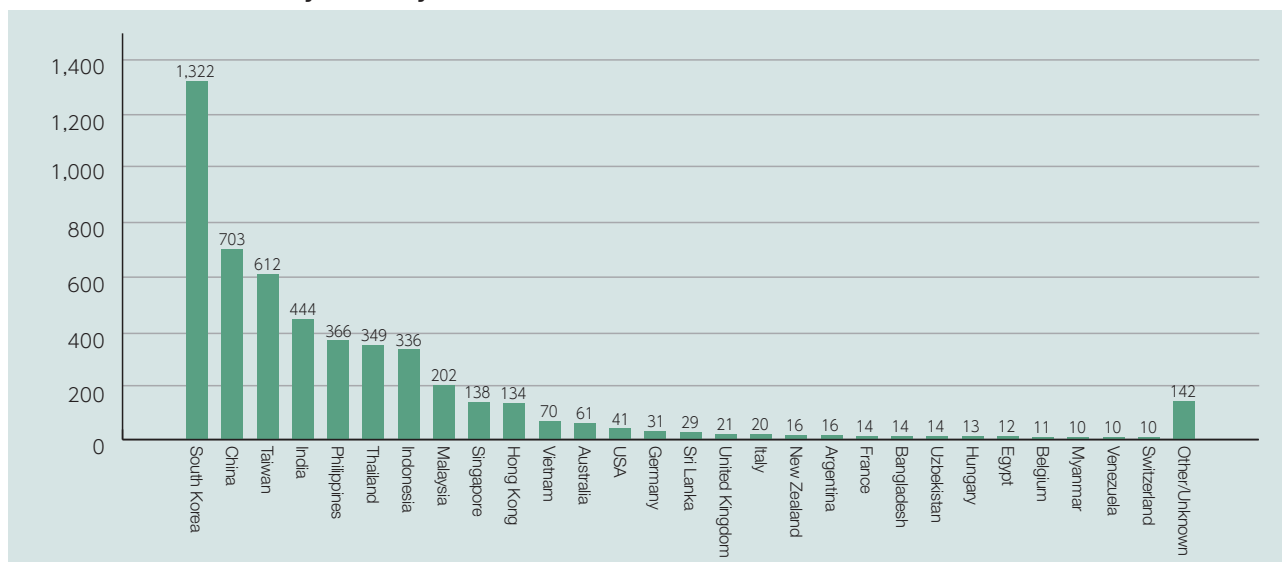
Date	Weather	Total number of visitors
September 11 (Fri.)	Sunny	10,175
September 12 (Sat.)	Sunny	13,917
September 13 (Sun.)	Sunny/Cloudy	6,501
September 14 (Mon.)	Sunny/Cloudy	8,260
September 15 (Tue.)	Sunny/Cloudy	9,168
September 16 (Wed.)	Cloudy	8,512
Total		56,533 (of which 5,161 were visitors from overseas)

► Compared to Previous Show

		IGAS2015	IGAS2011
Total number of visitors		56,533	73,554
Visitors from overseas		5,161 (61)	5,825 (57)
Breakdown	Asia	4,740 (17)	5,043 (19)
	Europe	168 (21)	424 (19)
	North & South America	87 (8)	217 (7)
	Oceania	77 (2)	39 (2)
	Middle East	33 (8)	91 (8)
	Africa	18 (5)	11 (2)
	Unknown	38	0

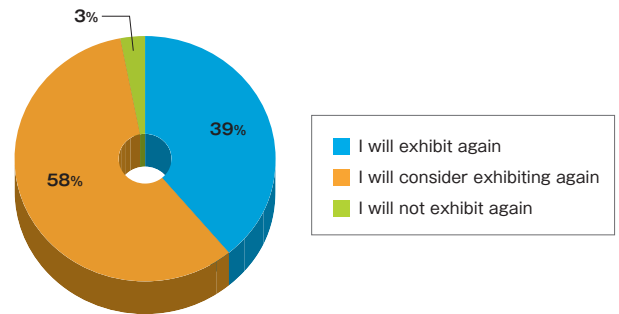
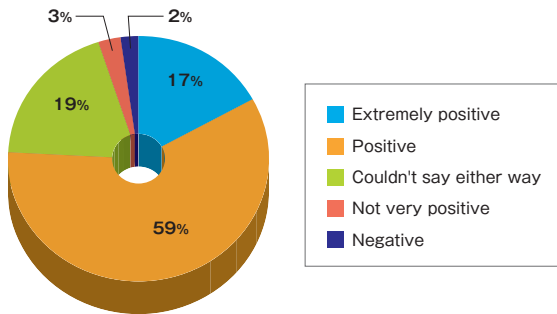
*Figures within parentheses indicate number of countries.

► Number of Visitors by Country



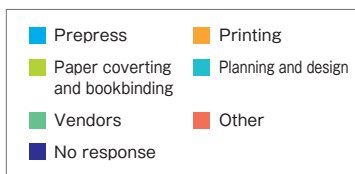
IGAS2015 Exhibitors Survey

1) How was your experience of exhibiting at IGAS2015? 2) Will you exhibit at the next event (IGAS2018)?

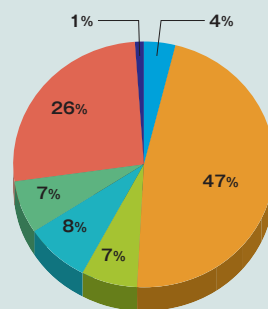


IGAS2015 Visitors Survey

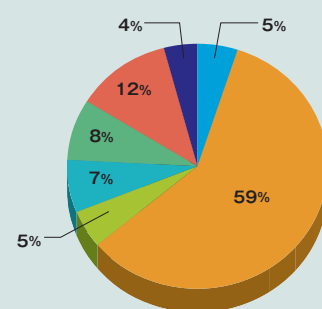
Category of Business



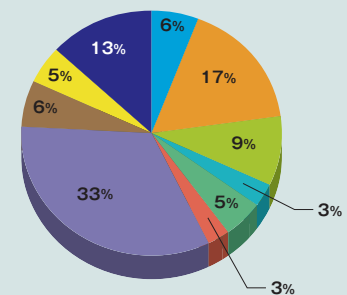
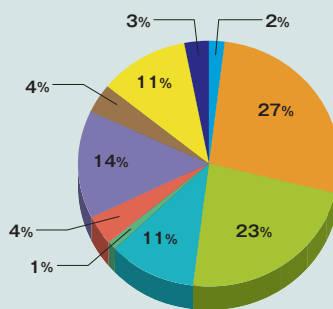
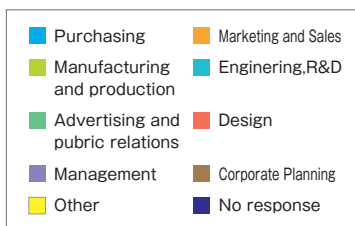
[Visitors from Japan]



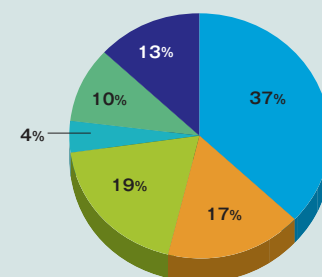
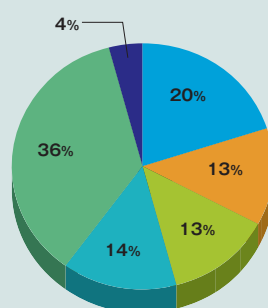
[Visitors from Overseas]



Category of Occupation

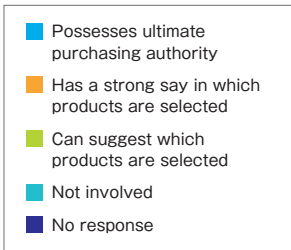


Category of Position

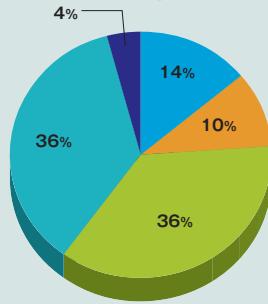


Exhibition Archives

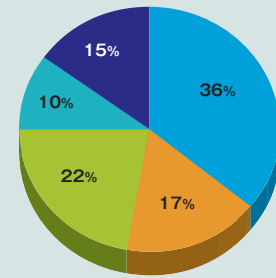
Purchasing Authority



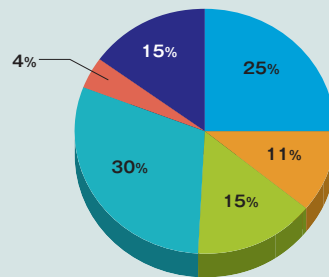
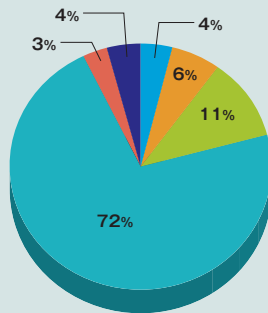
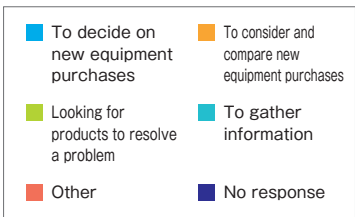
[Visitors from Japan]



[Visitors from Overseas]



Purpose in Attending



Advertising

IGAS2015 Website (<http://www.igas-tokyo.jp/>)

The IGAS2015 website was freshly launched, providing information for exhibitors and visitors in a timely fashion, including all kinds of event information. Visitor Pre-registration and event applications were accepted in advance from the website. Also, in addition to PR activities such as posting videos of IGAS2015 from an early stage, videos of interviews with brand owners, printing companies, and exhibitors wherein they addressed their expectations for IGAS2015 were also posted to the website. Content was further enriched with banner ads from exhibitors and others including contributed topics by exhibitors. [Languages : Japanese, English, Chinese, and Korean]

Website

■ Newspapers and Magazines (advertisement)

- May : The Insatsu Shimpo, Japan Printing News, Insatsu Newspaper, Printing Journal
- June : The Insatsu Shimpo, Japan Printing News, The Pritec Next Stage, All Insatsu
- July : The Insatsu Shimpo, Japan Printing News, Insatsu Newspaper, Printing Journal, Japan Bookbinding Newspaper
- August : The Insatsu Shimpo, Japan Printing News, Insatsu Newspaper, Printing Journal, The Pritec Next Stage, Japan Bookbinding Newspaper, All Insatsu, The Label Shimbun, Insatsu Joho, Insatsu-kai, Japan Printer, Nippon-no-Insatsu, GCJ, Seihonkai, JPMA Report

May 2015



July 2015



August 2015



June 2015



■ Newspapers and Magazines (article)



Nikkei Business Daily (September 10, 2015)



The Nihon Kogyo Shimbun (September 11, 2015)



Japan Printing News (August 31, 2015)



The Insatsu Shimpo (August 27, 2015)

Exhibition Archives

Created materials

1. Official posters



2. Carrier bags

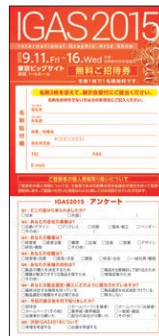


3. Admission tickets & flyers

Admission tickets contained an event overview and information on the companies scheduled to exhibit, as well as flyers containing event information etc.



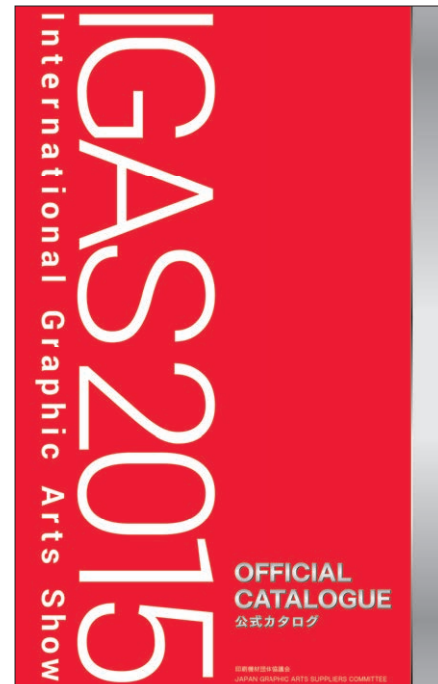
Flyers



Admission tickets

4. Official catalogs

Contained information on the list of exhibitors, event information, etc. (Japanese-English bilingual. Distributed free of charge at the venue.)



Official catalogs of IGAS2015

5. Venue maps

Names of exhibitors and venue maps were posted.
(Japanese and English versions. Distributed free of charge at the venue.)



Venue maps

6. Daily News

Contained event information and exhibitor information during the exhibition period in a timely manner. Issued every day during the five days of the exhibition.
(Japanese-English bilingual. Distributed free of charge at the venue.)



Daily News

Media Conference

A media conference was held at the Foreign Correspondents' Club of Japan on April 23 and 24, 2015. In order to broaden the event's overseas appeal, journalists both from Japan and abroad were invited to report on IGAS2015. An event overview by the organizer and booth's topics by 12 major companies exhibiting at IGAS2015 were presented. A reception was held on the evening of the first day to deepen ties of friendship.

[Participating media: 18 Japanese companies, 10 overseas companies (in 7 countries, listed below)]

Australian Printer (Australia), Print China (China), Printing Field (China), Printing.hc360 (China), Printers Magazine (Taiwan), Graphic Arts Bimonthly (Taiwan), Graphics World (South Korea), Print & Publishing-India (India), Print@Indonesia (Indonesia), Print World Asia (Singapore).



MITEC CORPORATION	1-22
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Motegi Co., Ltd.	2-35
Motoronics Co., Ltd.	1-36
MOTOYA Co.,Ltd	1-14
Muller Martini Japan Ltd.	1-21
MUSASHI CO., LTD.	5-8
Mutech Corporation	3-5

N

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NAGANO KIKAI CO.,LTD.	2-33
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PBM CO., LTD	2-29
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RYOMO SYSTEMS CO., LTD.	4-20

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SANJO MACHINE WORKS, LTD.	6-23
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SANKOH CO., LTD.	1-12
SANWA MANUFACTURING. CO., LTD.	1-9
SANWACOKEN.Co., Ltd.	2-28
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Sysform Technology Corporation	5-15-23
System Instrumentation Co., Ltd.	F6-27
System Safety Engineering Lab.,	F4-1
Nagaoka University of Technology	

T

T&K TOKA CO.,LTD.	5-16
Taihei Printing Co.,Ltd.	2-39
TAIYO KIKAI LTD.	6-2
TAKAHARA Laboratory, Chiba University	F4-11
TAKANO MACHINERY WORKS,CO.,LTD.	4-13
TAKARA MFG.CO.,LTD	2-15
TECHKON Japan Co., Ltd.	1-11
TECHNO ROLL CO.,LTD.	2-25
Technowave Ltd.	5-26
The Association for Suppliers of Printing, Publishing and Converting Technologies(NPES)	4-25
TOA GROUT KOGYO CO., LTD.	F6-18
TOHO SEIKI CO.,LTD.	6-12
Toho-Printec,Inc.	5-33
TOKAI CORPORATION. Ltd.	4-15
Tokyo Automatic Machinery Works,Ltd.	1-37
Tokyo Denki University, Ergonomic Design Laboratory	F4-12
Tokyo Graphic service industry association	6-10

TOKYO KIKAI SEISAKUSHO, LTD.	1-15
TOKYO LAMINEX INC.	5-19
Tokyo Metropolitan Small and Medium Enterprise Support Center	F6-26
Tokyo Polytechnic University, Satoh Lab.	F4-6
Tokyo polytechnic university, Uchida Lab.	F4-7
Tokyo Printing & Equipment Trading Co.,Ltd.	1-26
Tokyo Traditional Woodblock Prints Association	F6-24
TOMIHIRO INDUSTRIAL CO.,LTD	3-20
TOMITAGIKEN CO.,LTD.	3-14
TOOV CO., LTD	2-37
Toray Industries, Inc.	1-3
TOYO INK CO., LTD.	5-10
TOYOBO CO.,LTD	2-3
TOYOKAGAKU SHOKAI CO.,LTD	6-21
TOYOTEC co.,Ltd	4-12
Trelleborg Sealing Solutions Japan K.K.	3-28
TRESU Japan Co., Ltd.	4-29
TRINC Corporation	F6-20
TSUKATANI HAMONO MFG.CO.,LTD.	1-17

U

Uchida Machinery Company	4-41
UCHIDA YOKO GLOBAL LIMITED	2-5
UCHIDATECHNO	2-5
Ueno Corporation	2-12
UKITA KOGYO CO.,LTD.	3-11
Union-Printing.Co.,Ltd	1-32
Univacco Foils Japan Inc.	5-15-24
USHIO. INC	5-20

V

Videojet X-Rite K.K.	6-34
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W

WATANABE TSUSHO CORPORATION	2-20
WEBTECH CO.,LTD.	4-5
WEIJIN MACHINERY INDUSTRY CO., LTD	1-38
Wenzhou Koro Machinery Co.,Ltd	5-15-33
Wenzhou Zenbo Printing Machinery Co.,Ltd	5-15-35
WENZHOU ZHONGKE PACKAGING MACHINERY CO., LTD.	5-15-26

X

Xi'an Aerospace-Huayang Mechanical & Electrical Equipment Co.,Ltd	5-15-36
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Y

YAMADA SHIKOH CO.,LTD	6-19
YAMATOYA & CO., LTD.	4-32
Yancheng Hongjing Machinery Technology Co.,Ltd	5-15-37
YII LEE ENTERPRISE CO., LTD.	5-15-6
YOSHIDA KIZAI CO., LTD.	6-16
YOSHIKAWA CHEMICAL CO.,LTD	4-22
YOSHINO MACHINERY CO., LTD.	3-3
YUKI COMPANY LTD	6-6
YUUKOHSHA CITO TRADING CO.,LTD.	4-9

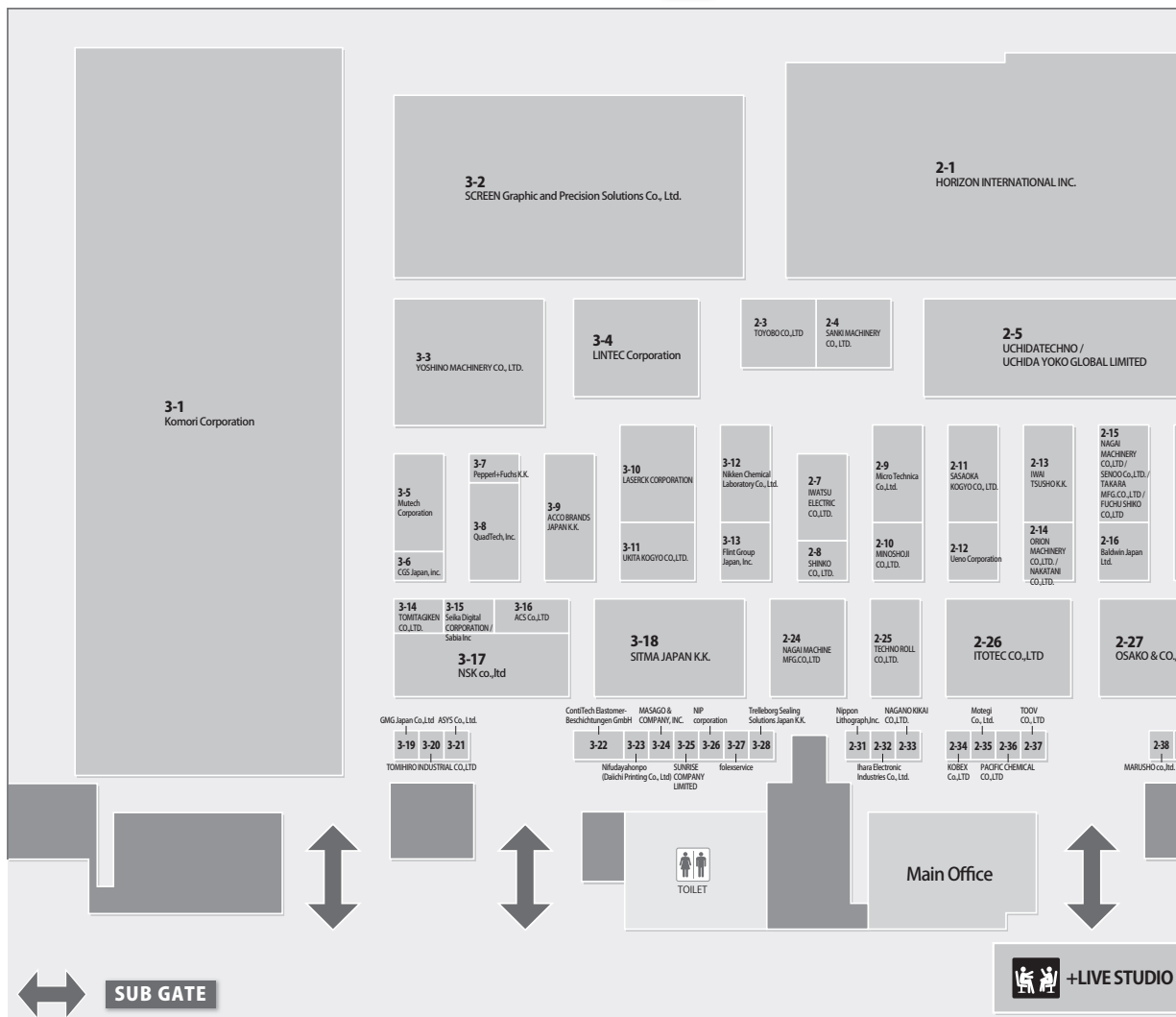
Z

Zhengzhou Pengsheng Packaging Material Co.,Ltd	5-15-34
ZHONGSHAN OSAKI PRINTING MATERIAL CO., LTD.	4-35
ZII TAI ENTERPRISE CO.	5-15-11

IGAS2015 Hall Map (East Hall 1-2-3)

[East Hall] **3**

[East



+SESSION (Held daily in the Tokyo Big Sight Conference Tower)
A variety of lectures and seminars directly connected with business.



+TOUR
Guided tours of highlights in IGAS 2015.



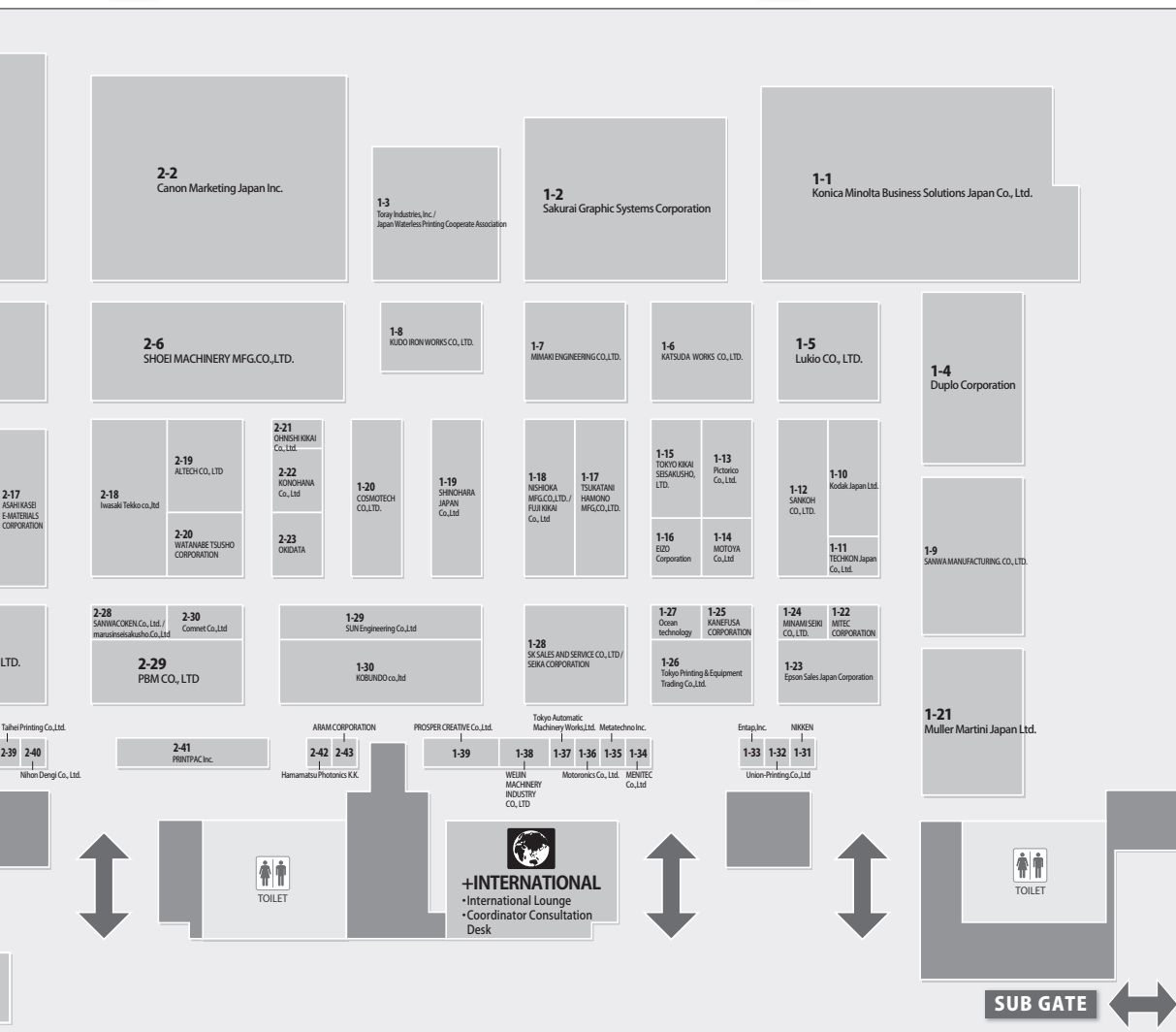
+LIVESTUDIO
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Exhibitors List

1-1	Konica Minolta Business Solutions Japan Co., Ltd.	1-15	TOKYO KIKAI SEISAKUSHO, LTD.	1-28	SEIKA CORPORATION	2-4	SANKI MACHINERY CO., LTD.
1-2	Sakurai Graphic Systems Corporation	1-16	EIZO Corporation	1-29	SUN Engineering Co.,Ltd	2-5	UCHIDATECHNO
1-3	Toray Industries, Inc.	1-17	TSUKATANI HAMONO MFG.CO.,LTD.	1-30	KOBUNDO co.,Ltd	2-5	UCHIDA YOKO GLOBAL LIMITED
1-3	Japan Waterless Printing Cooperate Association	1-18	NISHIOKA MFG.CO.,LTD.	1-31	NIKKEN	2-6	SHOEI MACHINERY MFG.CO.,LTD.
1-4	Duplo Corporation	1-18	FUJI KIKAI Co., Ltd	1-32	Union-Printing.Co.,Ltd	2-7	IWATSU ELECTRIC CO.,LTD.
1-5	Lukio CO., LTD.	1-19	SHINOHARA JAPAN Co.,Ltd	1-33	Entap,Inc.	2-8	SHINKO CO., LTD.
1-6	KATSUDA WORKS CO., LTD.	1-20	COSMOTECH CO.,LTD.	1-34	MENITEC Co.,Ltd	2-9	Micro Technica Co.,Ltd.
1-7	MIMAKI ENGINEERING CO.,LTD.	1-21	Muller Martini Japan Ltd.	1-35	Metatechno Inc.	2-10	MINOSHOUJI CO.,LTD.
1-8	KUDO IRON WORKS CO., LTD.	1-22	MITEC CORPORATION	1-36	Motoronics Co., Ltd.	2-11	SASAOKA KOGYO CO., LTD.
1-9	SANWA MANUFACTURING. CO., LTD.	1-23	Epson Sales Japan Corporation	1-37	Tokyo Automatic Machinery Works,Ltd.	2-12	Ueno Corporation
1-10	Kodak Japan Ltd.	1-24	MINAMI SEIKI CO., LTD.	1-38	WEIJIN MACHINERY INDUSTRY CO., LTD	2-13	IWAI TSUSHO K.K.
1-11	TECHKON Japan Co., Ltd.	1-25	KANEFUSA CORPORATION	1-39	PROSPER CREATIVE Co.,Ltd.	2-14	ORION MACHINERY CO.,LTD.
1-12	SANKOH CO., LTD.	1-26	Tokyo Printing & Equipment Trading Co.,Ltd.	2-1	HORIZON INTERNATIONAL INC.	2-14	NAKATANI CO.,LTD.
1-13	Pictorico Co., Ltd.	1-27	Ocean technology	2-2	Canon Marketing Japan Inc.	2-15	NAGAI MACHINERY CO.,LTD
1-14	MOTOYA Co.,Ltd	1-28	SK SALES AND SERVICE CO., LTD	2-3	TOYOBO CO.,LTD	2-15	SENOO Co.,LTD.

Hall] **2**

[East Hall] **1**



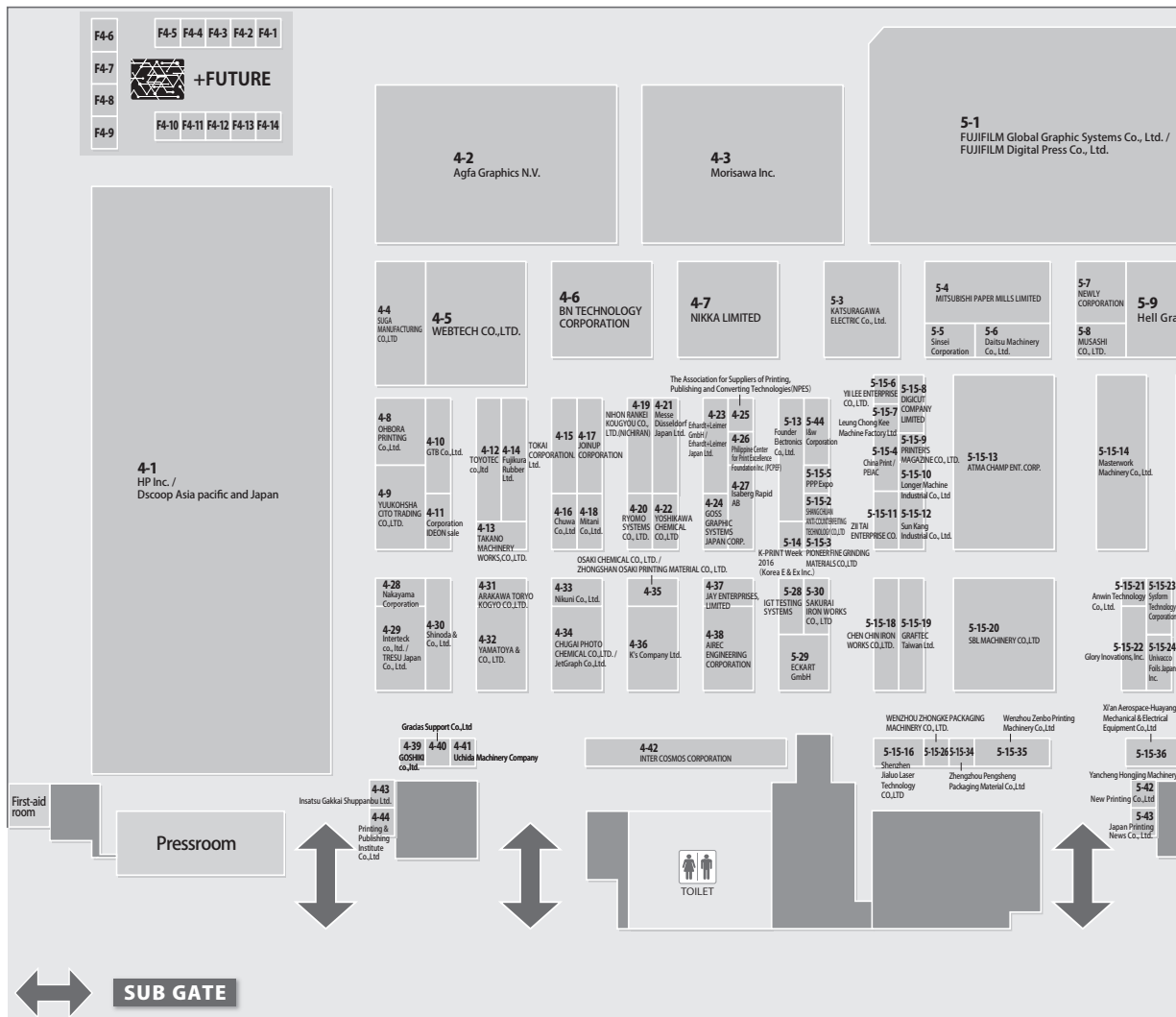
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2-15	TAKARA MFG.CO.,LTD	2-28	maruseiseisakusho.Co.,Ltd	2-43	ARAM CORPORATION	3-15	Seika Digital CORPORATION
2-15	FUCHU SHIKO CO.,LTD	2-29	PBM CO., LTD	3-1	Komori Corporation	3-15	Sabia Inc
2-16	Baldwin Japan Ltd.	2-30	Comnet Co.,Ltd	3-2	SCREEN Graphic and Precision Solutions Co.,Ltd.	3-16	ACS Co.,LTD
2-17	ASAHI KASEI E-MATERIALS CORPORATION	2-31	Nippon Lithograph,Inc.	3-3	YOSHINO MACHINERY CO., LTD.	3-17	NSK co.,Ltd
2-18	Iwasaki Tekko co.,Ltd	2-32	Ihara Electronic Industries Co., Ltd.	3-4	LINTEC Corporation	3-18	SITMA JAPAN K.K.
2-19	ALTECH CO., LTD	2-33	NAGANO KIKAI CO.,LTD.	3-5	Mutech Corporation	3-19	GMG Japan Co.,Ltd
2-20	WATANABE TSUSHO CORPORATION	2-34	KOBEX Co.,LTD	3-6	CGS Japan, inc.	3-20	TOMIHIRO INDUSTRIAL CO.,LTD
2-21	OHNISHI KIKAI Co., Ltd.	2-35	Motegi Co., Ltd.	3-7	Pepperl+Fuchs K.K.	3-21	ASYS Co., Ltd.
2-22	KONOHANA Co., Ltd	2-36	PACIFIC CHEMICAL CO.,LTD	3-8	QuadTech, Inc.	3-22	ContiTech Elastomer-Beschichtungen GmbH
2-23	OKIDATA	2-37	TOOV CO., LTD	3-9	ACCO BRANDS JAPAN K.K.	3-23	Nifudayahonpo(Daiichi Printing Co., Ltd)
2-24	NAGAI MACHINE MFG.CO.,LTD	2-38	MARUSHO co.,Ltd.	3-10	LASERCK CORPORATION	3-24	MASAGO & COMPANY, INC.
2-25	TECHNO ROLL CO.,LTD.	2-39	Taihei Printing Co.,Ltd.	3-11	UKITA KOGYO CO.,LTD.	3-25	SUNRISE COMPANY LIMITED
2-26	ITOTEC CO.,LTD	2-40	Nihon Denshi Co., Ltd.	3-12	Nikken Chemical Laboratory Co., Ltd.	3-26	NIP corporation
2-27	OSAKO & CO., LTD.	2-41	PRINTPAC Inc.	3-13	Flint Group Japan, Inc.	3-27	folexservice
2-28	SANWACOKEN.Co., Ltd.	2-42	Hamamatsu Photonics K.K.	3-14	TOMITAGIKEN CO.,LTD.	3-28	Trelleborg Sealing Solutions Japan K.K.

IGAS2015 Hall Map (East Hall 4-5-6)

[East Hall] 4

[East



+SESSION (Held daily in the Tokyo Big Sight Conference Tower)
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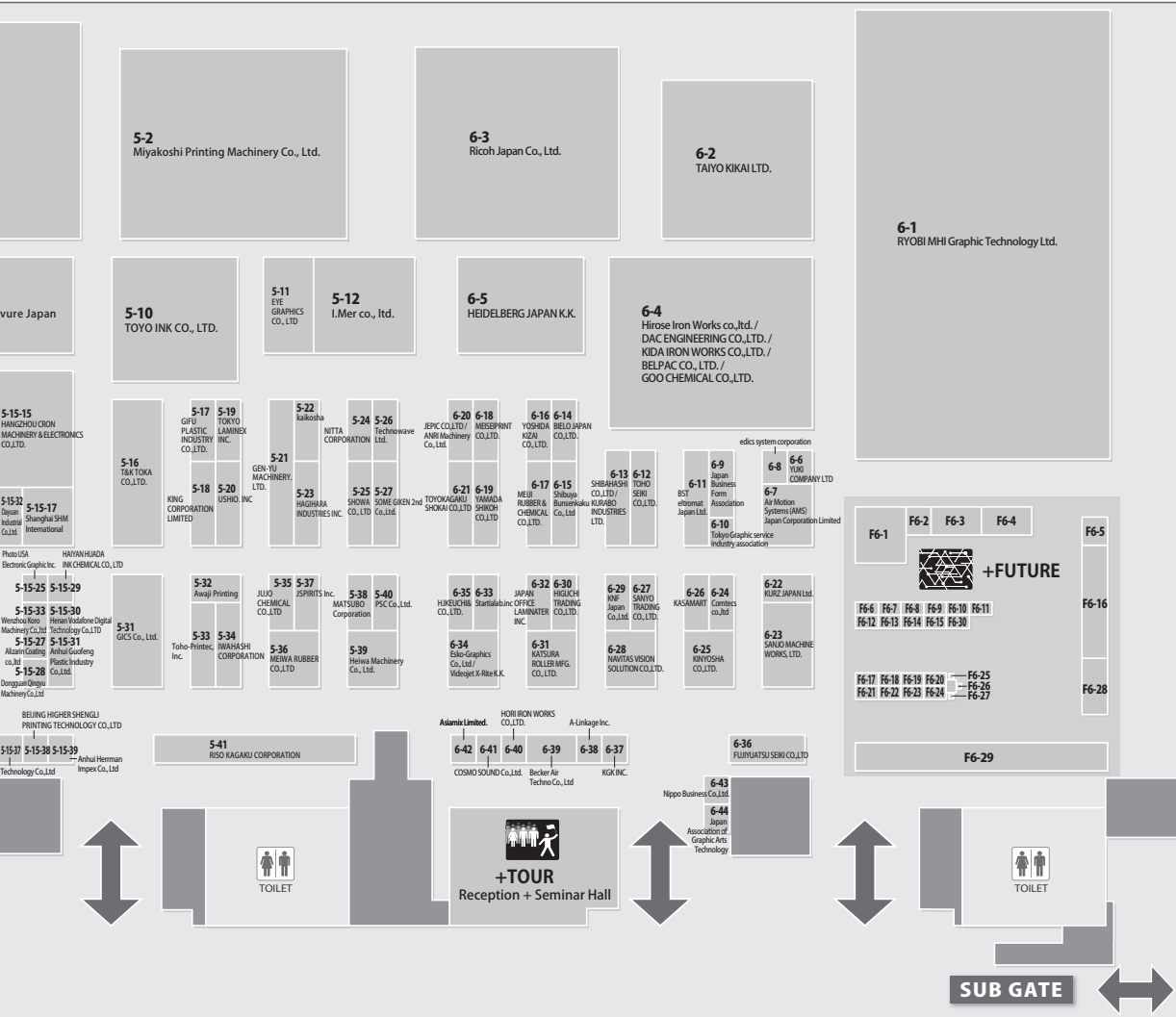
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The latest IGAS news, highlights and topics will be pre

Exhibitors List

4-1	HP Inc.	4-28	Nakayama Corporation	5-9	Hell Gravure Japan	5-39	Heiwa Machinery Co., Ltd.
4-1	Dscoop Asia pacific and Japan	4-29	Intertec co., ltd.	5-10	TOYO INK CO., LTD.	5-40	PSC Co.,Ltd.
4-2	Agfa Graphics N.V.	4-29	TRESU Japan Co., Ltd.	5-11	EYE GRAPHICS CO., LTD	5-41	RISO KAGAKU CORPORATION
4-3	Morisawa Inc.	4-30	Shinoda & Co., Ltd.	5-12	I.Mer co., ltd.	5-42	New Printing Co.,Ltd
4-4	SUGA MANUFACTURING CO.,LTD	4-31	ARAKAWA TORYO KOGYO CO.,LTD.	5-13	Founder Electronics Co., Ltd.	5-43	Japan Printing News Co., Ltd.
4-5	WEBTECH CO.,LTD.	4-32	YAMATOYA & CO., LTD.	5-14	K-PRINT Week 2016 (Korea E & Ex Inc.)	5-44	I&w Corporation
4-6	BN TECHNOLOGY CORPORATION	4-33	Nikuni Co., Ltd.	5-16	T&K TOKA CO.,LTD.	6-1	RYOBI MIHI Graphic Technology Ltd.
4-7	NIKKA LIMITED	4-34	CHUGAI PHOTO CHEMICAL CO.,LTD.	5-17	GIFU PLASTIC INDUSTRY CO.,LTD.	6-2	TAIYO KIKAI LTD.
4-8	OHBORA PRINTING Co.,Ltd.	4-34	JetGraph Co.,Ltd.	5-18	KING CORPORATION LIMITED	6-3	Ricoh Japan Co., Ltd.
4-9	YUUKOHSHA CITO TRADING CO.,LTD.	4-35	OSAKI CHEMICAL CO., LTD.	5-19	TOKYO LAMINEX INC.	6-4	Hirose Iron Works co.,ltd.
4-10	GTB Co.,Ltd.	4-35	ZHONGSHAN OSAKI PRINTING MATERIAL CO., LTD.	5-20	USHIO. INC	6-4	DAC ENGINEERING CO.,LTD.
4-11	Corporation IDEON sale	4-36	K's Company Ltd.	5-21	GEN-YU MACHINERY.LTD.	6-4	KIDA IRON WORKS CO.,LTD.
4-12	TOYOTEC co.,ltd	4-37	JAY ENTERPRISES, LIMITED	5-22	kaikosha	6-4	BELPAC CO., LTD.
4-13	TAKANO MACHINERY WORKS,CO.,LTD.	4-37	AIREC ENGINEERING CORPORATION	5-23	HAGIHARA INDUSTRIES INC.	6-4	GEO CHEMICAL CO.,LTD.
4-14	Fujikura Rubber Ltd.	4-39	GOSHIKI co.,ltd.	5-24	NITTA CORPORATION	6-5	HEIDELBERG JAPAN K.K.
4-15	TOKAI CORPORATION. Ltd.	4-40	Gracias Support Co.,Ltd	5-25	SHOWA CO., LTD	6-6	YUKI COMPANY LTD
4-16	Chuwa Co.,Ltd	4-41	Uchida Machinery Company	5-26	Technowave Ltd.	6-7	Air Motion Systems (AMS) Japan Corporation Limited
4-17	JOINUP CORPORATION	4-42	INTER COSMOS CORPORATION	5-27	SOME GIKEN 2nd Co.,Ltd.	6-8	edics system corporation
4-18	Mitani Co.,Ltd.	4-43	Insatsu Gakkai Shuppanbu Ltd.	5-28	IGT TESTING SYSTEMS	6-9	Japan Business Form Association
4-19	NIHON RANKEIKOUGYOU CO., LTD.(NICHIRAN)	4-44	Printing & Publishing Institute Co.,Ltd	5-29	ECKART GmbH	6-10	Tokyo Graphic service industry association
4-20	RYOMO SYSTEMS CO., LTD.	5-1	FUJIFILM Global Graphic Systems Co., Ltd.	5-30	SAKURAI IRON WORKS CO., LTD	6-11	BST eltromat Japan Ltd.
4-21	Messe Düsseldorf Japan Ltd.	5-1	FUJIFILM Digital Press Co., Ltd.	5-31	GICS Co., Ltd.	6-12	TOHO SEIKI CO.,LTD.
4-22	YOSHIKAWA CHEMICAL CO.,LTD	5-2	Miyakoshi Printing Machinery Co., Ltd.	5-32	Awaji Printing	6-13	SHIBAHASHI CO.,LTD
4-23	Erhardt+Leimer GmbH	5-3	KATSURAGAWA ELECTRIC Co., Ltd.	5-33	Toho-Printec,Inc.	6-13	KURABO INDUSTRIES LTD.
4-23	Erhardt+Leimer Japan Ltd.	5-4	MITSUBISHI PAPER MILLS LIMITED	5-34	IWAHASHI CORPORATION	6-14	BIELO JAPAN CO.,LTD.
4-24	GOSS GRAPHIC SYSTEMS JAPAN CORP.	5-5	Sinsei Corporation	5-35	JUJO CHEMICAL CO.,LTD	6-15	Shibuya Bunsenkaku Co., Ltd
4-25	The Association for Suppliers of Printing, Publishing and Converting Technologies (NPES)	5-6	Daitsu Machinery Co., Ltd.	5-36	MEIWA RUBBER CO.,LTD	6-16	YOSHIDA KIZAI CO., LTD.
4-26	Philippine Center for Print Excellence Foundation Inc. (PCPEF)	5-7	NEWLY CORPORATION	5-37	JSPRITS Inc.	6-17	MEJI RUBBER & CHEMICAL CO.,LTD.
4-27	Isaberg Rapid AB	5-8	MUSASHI CO., LTD.	5-38	MATSUBO Corporation	6-18	MEISEIPRINT CO.,LTD.

Hall] **5**

[East Hall] **6**



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- | | | | |
|---|--|--|--|
| <p>6-19 YAMADA SHIKOH CO.,LTD
 6-20 JEPIC CO.,LTD
 6-20 ANRI Machinery Co., Ltd.
 6-21 TOYOKAGAKU SHOKAI CO.,LTD
 6-22 KURZ JAPAN Ltd.
 6-23 SANJO MACHINE WORKS, LTD.
 6-24 Comtecs co.,Ltd
 6-25 KINYOSHA CO.,LTD.
 6-26 KASAMART
 6-27 SANYO TRADING CO., LTD.
 6-28 NAVITAS VISION SOLUTION CO.,LTD.
 6-29 KNF Japan Co.,Ltd.
 6-30 HIGUCHI TRADING CO.,LTD.
 6-31 KATSURA ROLLER MFG. CO., LTD.
 6-32 JAPAN OFFICE LAMINATER INC.
 6-33 Startialab.inc
 6-34 Esko-Graphics Co., Ltd
 6-34 Videojet X-Rite K.K.
 6-35 H.IKEUCHI&CO., LTD.
 6-36 FUJIYUATSU SEIKI CO.,LTD
 6-37 KGK INC.
 6-38 A-Linkage Inc.
 6-39 Becker Air Techno Co., Ltd
 6-40 HORI IRON WORKS CO.,LTD.
 6-41 COSMO SOUND Co.,Ltd.
 6-42 Asiamix Limited.
 6-43 Nippo Business Co.,Ltd.
 6-44 Japan Association of Graphic Arts Technology
 5-15-2 SHANG CHUAN ANTI-COUNTERFEITING TECHNOLOGY CO.,LTD</p> | <p>5-15-3 PIONEER FINE GRINDING MATERIALS CO.,LTD
 5-15-4 China Print / PEIAC
 5-15-5 PPP Expo
 5-15-6 YII LEE ENTERPRISE CO., LTD.
 5-15-7 Leung Chong Kee Machine Factory Ltd
 5-15-8 DIGICUT COMPANY LIMITED
 5-15-9 PRINTER'S MAGAZINE CO., LTD.
 5-15-10 Longer Machine Industrial Co., Ltd
 5-15-11 ZII TAI ENTERPRISE CO.
 5-15-12 Sun Kang Industrial Co., Ltd.
 5-15-13 ATMA CHAMP ENT. CORP.
 5-15-14 Masterwork Machinery Co., Ltd.
 5-15-15 HANGZHOU GRON MACHINERY & ELECTRONICS CO.,LTD.
 5-15-16 Shenzhen Jialuo Laser Technology CO.,LTD
 5-15-17 Shanghai SHM International
 5-15-18 CHEN CHIN IRON WORKS CO.,LTD.
 5-15-19 GRAFTEC Taiwan Ltd.
 5-15-20 SBL MACHINERY CO.,LTD
 5-15-21 Anwin Technology Co., Ltd.
 5-15-22 Glory Inovations, Inc.
 5-15-23 Sysform Technology Corporation
 5-15-24 Univacco Foils Japan Inc.
 5-15-25 Photo USA Electronic Graphic Inc.
 5-15-26 WENZHOU ZHONGKE PACKAGING MACHINERY CO., LTD.
 5-15-27 Alizarin Coating co.,Ltd
 5-15-28 Dongguan Qingyu Machinery Co.,Ltd
 5-15-29 HAIYAN HUADA INK CHEMICAL CO., LTD
 5-15-30 Henan Vodafone Digital Technology Co.,LTD
 5-15-31 Anhui Guofeng Plastic Industry Co.,Ltd.</p> | <p>5-15-32 Dayuan Industrial Co.,Ltd.
 5-15-33 Wenzhou Koro Machinery Co.,Ltd
 5-15-34 Zhengzhou Pengsheng Packaging Material Co.,Ltd
 5-15-35 Wenzhou Zhenbo Printing Machinery Co.,Ltd
 5-15-36 Xi'an Aerospace-Huayang Mechanical & Electrical Equipment Co.,Ltd
 5-15-37 Yancheng Hongjing Machinery Technology Co.,Ltd
 5-15-38 BEIJING HIGHER SHENGLI PRINTING TECHNOLOGY CO.,LTD
 5-15-39 Anhui Herman Impex Co., Ltd
 F4-1 System Safety Engineering Lab., Nagaoka University of Technology
 F4-2 National Institute of Advanced Industrial Science and Technology
 F4-3 Laboratory of Paper Device and Eco-Friendly Material Sciences, University of Tsukuba
 F4-4 Osaka University, I.S.I.R.
 F4-5 Paper Electronics Research Association
 F4-6 Tokyo Polytechnic University, Satoh Lab.
 F4-7 Tokyo polytechnic university, Uchida Lab.
 F4-8 Color Image Laboratory, Tokyo Polytechnic University
 F4-9 Nagoya Institute of Technology
 F4-10 Chiba University, Graduate School of Advanced Integration Science
 F4-11 TAKAHARA Laboratory, Chiba University
 F4-12 Tokyo Denki University, Ergonomic Design Laboratory
 F4-13 Society for the Study of Printing
 F4-14 Japan Printing Academy
 F6-1 NIHON DENSHI SEIKI CO.,LTD
 F6-2 Flexographic Technical Association of Japan
 F6-3 ITOCHU MACHINE-TECHNOS CORP.
 F6-4 Meisho Corporation
 F6-5 Japan Printing Machinery Association
 F6-6 MATSUO SANGYO CO.,LTD
 F6-7 ORIENT SOGYO CO., LTD.</p> | <p>F6-8 Dainichiseika
 F6-9 Kodak Japan Ltd.
 F6-10 Cross-linkpacific,inc
 F6-11 KINYOSHA CO.,LTD.
 F6-12 MICROBOARDS TECHNOLOGY INC
 F6-13 INTECS Co.,LTD
 F6-14 HORI METAL LEAF & POWDER CO.,LTD.
 F6-15 Sankei Business
 F6-16 Japan Printing Machinery Association Japan Color Certification Systems
 F6-17 BioFuture,Inc.
 F6-18 TOA GROUT KOGYO CO., LTD.
 F6-19 KOHDEN INC.
 F6-20 TRINC Corporation
 F6-21 ASPECT Inc.
 F6-22 Ducol co.,Ltd
 F6-23 HAKKO CORPORATION
 F6-24 Tokyo Traditional Woodblock Prints Association
 F6-25 KYOKKO ELECTRIC Co.,LTD.
 F6-26 Tokyo Metropolitan Small and Medium Enterprise Support Center
 F6-27 System Instrumentation Co., Ltd.
 F6-28 NPO Color Universal Design Organization
 F6-29 Japan Federation of Printing Industries
 F6-30 KIMOTO.CO.,LTD</p> |
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See you again at
IGAS 2018

IGAS 2015
Exhibition Report

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c/o Japan Printing Machinery Association
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