

JAPAN INTERNATIONAL AEROSPACE EXHIBITION 2018 TOKYO

Venue: Tokyo Big Sight East Hall 7, 8
(Tokyo International Exhibition Center)

Schedule: November 28(Wed.) to 30(Fri.) 2018

Organizers:  The Society of Japanese Aerospace Companies(SJAC)
 Tokyo Big Sight Inc.



REPORT



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Greeting from the Host

Japan International Aerospace Exhibition 2018 TOKYO (JA2018 TOKYO), the 15th event held at Tokyo Big Sight from November 28 (Wednesday) to 30 (Friday) in 2018, was exhibited 520 companies and groups from 15 countries and 2 regions around the world. Same as last exhibition around 30% major companies, which are on “the Top 100 World's Biggest Selling Companies list in the aerospace industries”, gathered. Foreign exhibitors are up to 40% in area, we could set up international trade show indeed. In addition to 19,937 visitors from 36 countries and 2 areas, the total number of participants including exhibitors was 27,458 during the three days of the exhibition. Throughout the exhibition, active exchanges and lively discussions based on the latest trend in the aerospace field were observed in the business meetings, lectures and seminars. As the first attempt to focus on the business, we planned and organized JA2018 as a trade show. We were grateful that the exhibition finished in the favorable reception for everyone.

This success would not have been possible without the understanding and support of all the exhibitors, the related government ministries and agencies, the various embassies, the local governments, and the concerned organizations. On behalf of the Society of Japanese Aerospace Companies (SJAC) and Tokyo Big Sight Inc. that hosted the exhibition, we would like to express our deepest gratitude to all parties concerned.

This report summarizes the outcomes of JA2018 TOKYO for reference by all parties concerned, with the view to making the next exhibition even more valuable for both exhibitors and visitors. We, on behalf of the host, thank you in advance for your continued support and assistance.



Hideaki Omiya
Chairman
The Society of
Japanese Aerospace
Companies

Topics

1. One of the largest-scale exhibition in Aerospace industry in Japan
2. From 27 major companies among the world's top 100 companies
3. Several dignitaries have been invited from 16 countries by Acquisition, Technology & Logistics Agency, Ministry of Defense
4. Japanese Aerospace clusters from all over Japan
5. Providing a global B to B meeting system

Overview

■ Event Name : Japan International Aerospace Exhibition 2018 TOKYO (JA2018 TOKYO)

■ **Organizers** : The Society of Japanese Aerospace Companies (SJAC), Tokyo Big Sight Inc.

■ **Special Cooperation** : Tokyo Metropolitan Government

■ **Supporting Organization** : Ministry of Economy, Trade and Industry / National Space Policy Secretariat, Cabinet Office / Ministry of Foreign Affairs of Japan / Ministry of Education, Culture, Sports, Science and Technology / Ministry of Land, Infrastructure, Transport and Tourism / Ministry of the Environment / Ministry of Defense / Japan Meteorological Agency / Japan Tourism Agency / Japan Aerospace Exploration Agency (JAXA) / New Energy and Industrial Technology Development Organization (NEDO) / Japan External Trade Organization (JETRO) / Japan Machine Tool Builders' Association / Nikkei Inc. / British Embassy Tokyo / Embassy of Canada / Embassy of the Czech Republic / BUSINESS FRANCE of the French Embassy in Japan / Embassy of the Federal Republic of Germany / Embassy of Israel / Embassy of Italy, Tokyo – Trade Promotion Section / Commercial Section of the U. S. Embassy

■ **Schedule** : Nov. 28 (Wed.) 11:00~17:00※10:00~Invitational Preview Hour
Nov. 29 (Thu.) - 30 (Fri.) 10:00~17:00

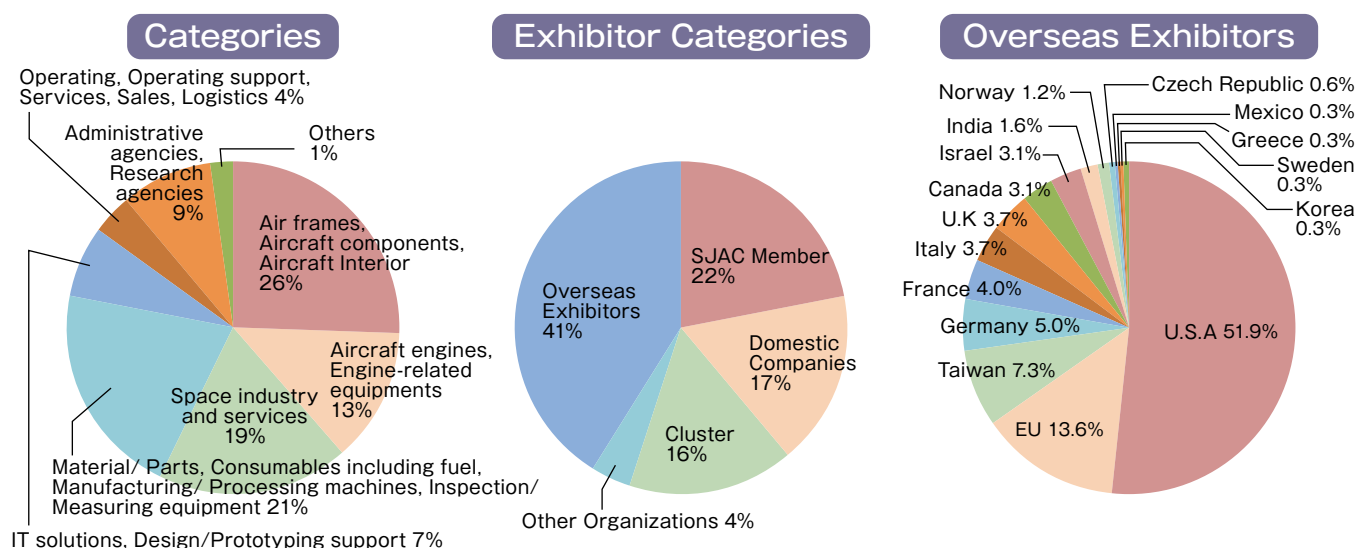
■ **Venue** : Tokyo Big Sight East 7・8 Hall

■ **Admission Fee** : JPY2,000, Free of charge in case of pre-registered or invited.

■ **Number of Exhibitors** : 520 companies / organizations (Exhibitors : 193, Co-exhibitors : 327, Overseas Exhibitors : 121)
*JA2016 : 812 companies / organizations

■ **Exhibit Scale** : 7,282m² *JA2016 : 11,339m²

■ **Coutry or region** : 17countries / regions *JA2016 : 31countries / regions
Canada / Czech Republic / Europe Union / France / Germany / Greece / India / Israel / Italy / Japan / Korea / Mexico / Norway / Sweden / Taiwan / U.K. / U.S.A.



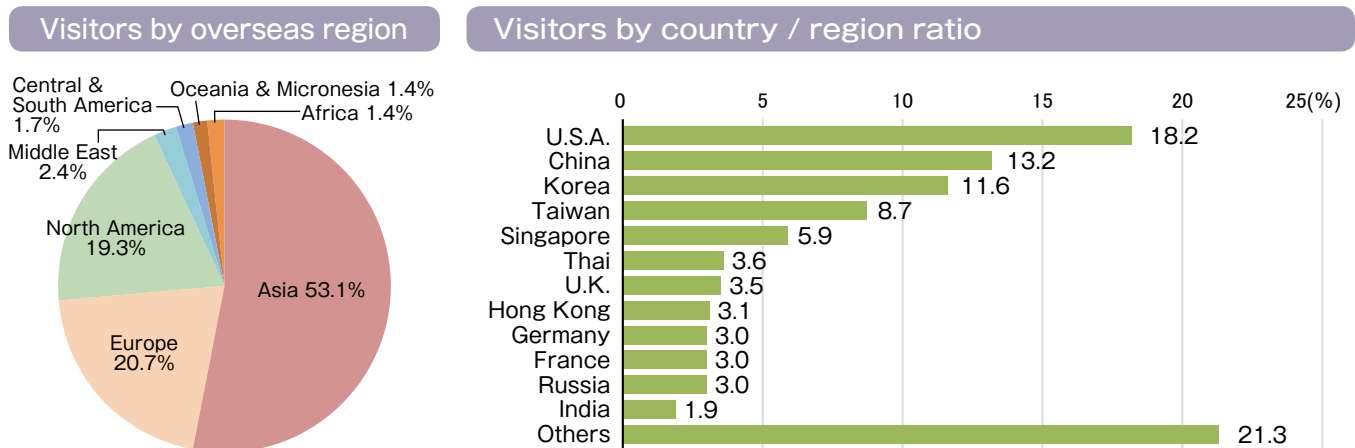
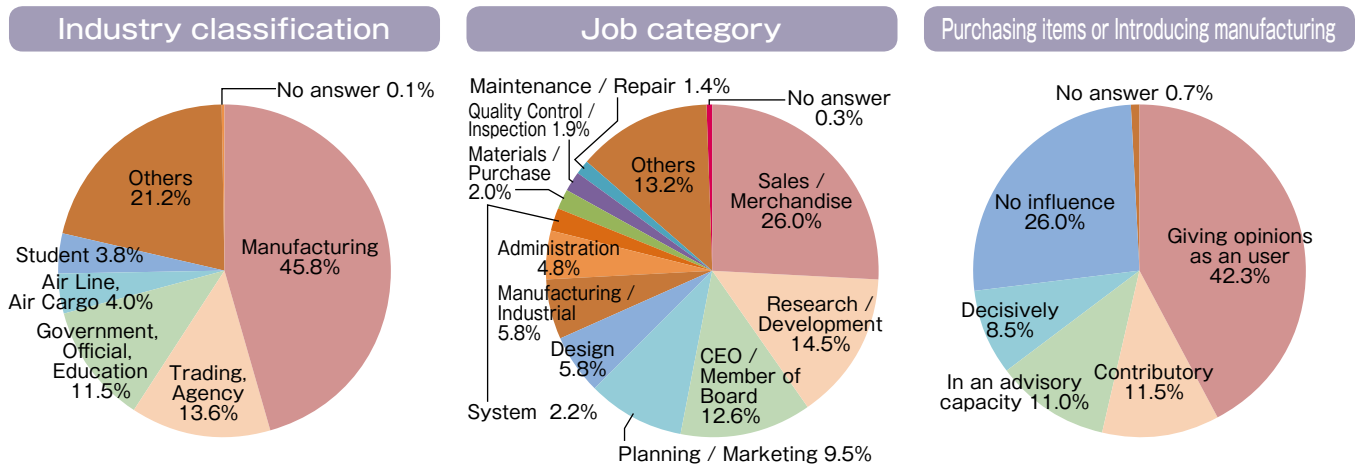
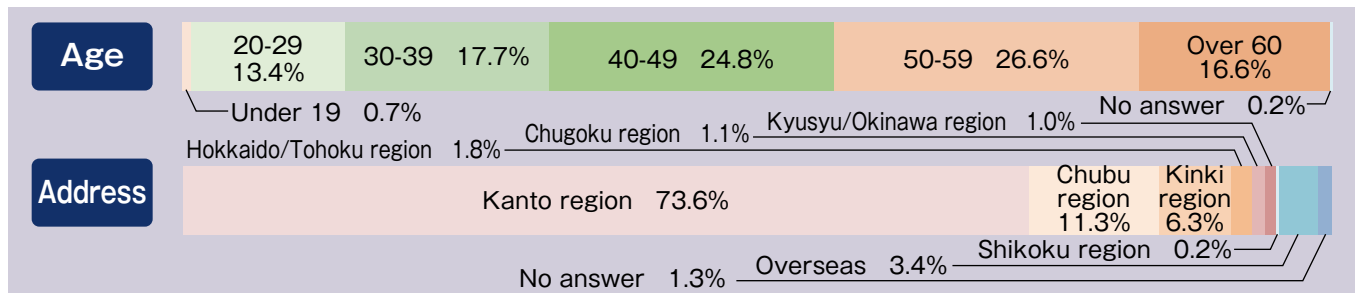
Number of Participants

Date	Weather	Visitors	Exhibitors	Participants
Nov.28 (Wed.)		4,908	2,575	7,483 (JA2016:8,473)
Nov.29 (Thu.)		7,347	2,476	9,823 (JA2016:10,664)
Nov.30 (Fri.)		7,682	2,470	10,152 (JA2016:11,652)
Total		19,937	7,521	27,458 (JA2016:30,789 ※1)

※1 The number of JA2016 Participants from the first day to the third day. The total number of JA2016 Participants was 44,416. (4days)

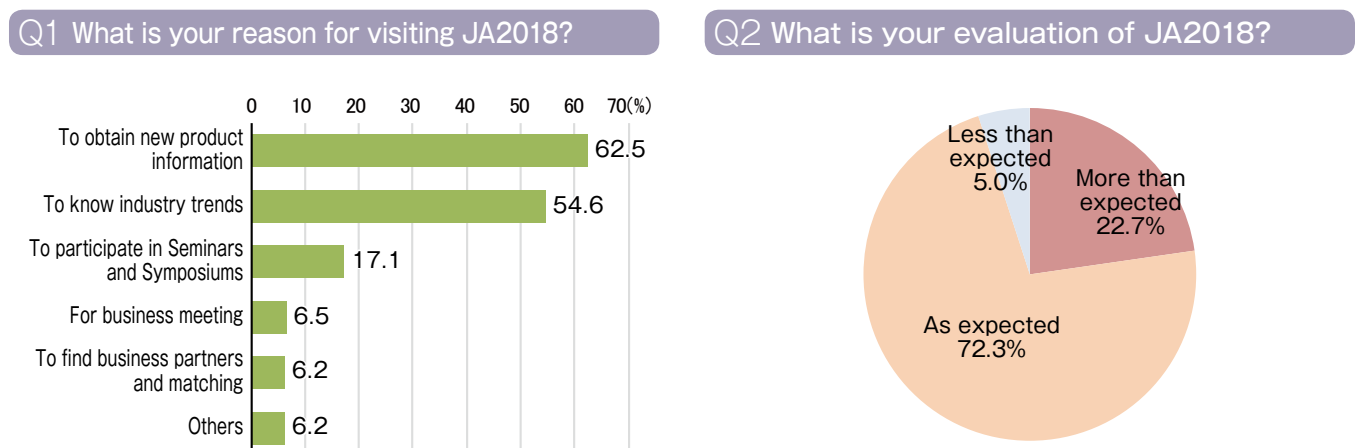
Visitor Composition

*Based on the data regarding the registered visitors (n=17,178)

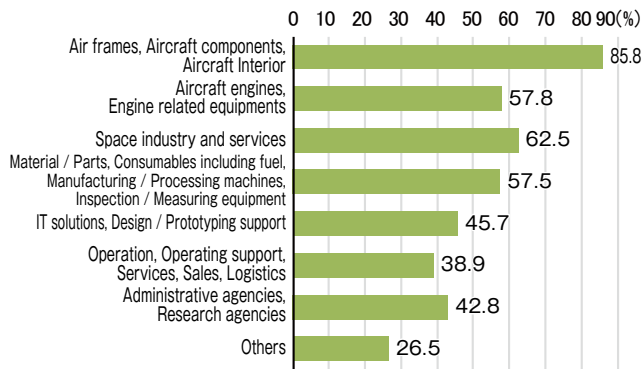


Visitor Survey

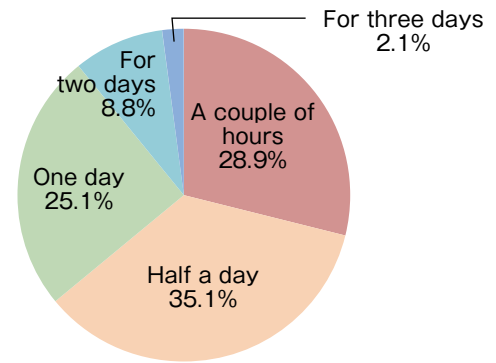
*Based on the data regarding valid responses (n=339)



Q3 What is your interested categories?



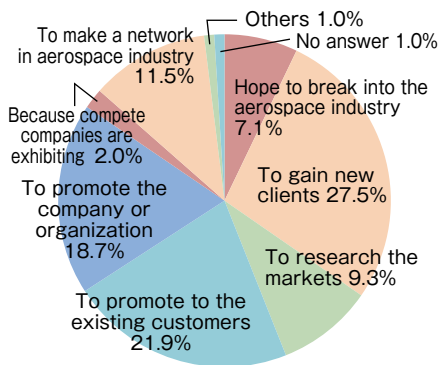
Q4 How long did you stay at JA 2018?



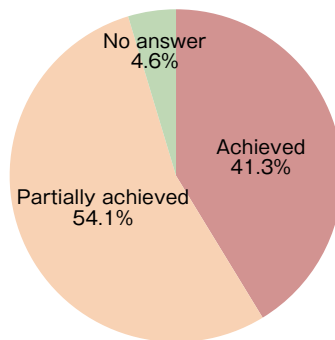
Exhibitor Survey

*Based on the data regarding valid responses (n=172)

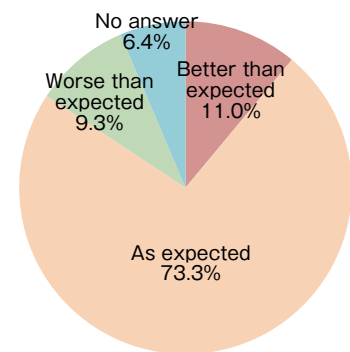
Q1 Why did you participate in JA 2018?



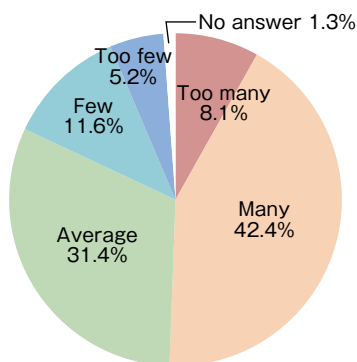
Q2 Please select your achievement of exhibit.



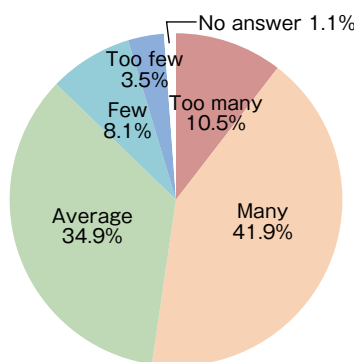
Q3 Please select your accomplishment as a place for business negotiation.



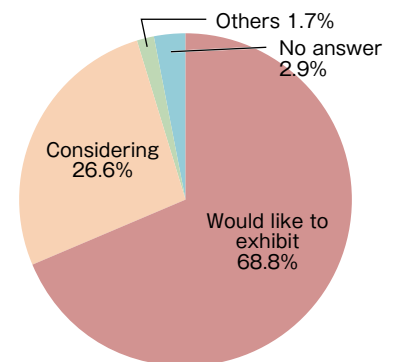
Q4 Please answer about the number of visitors.



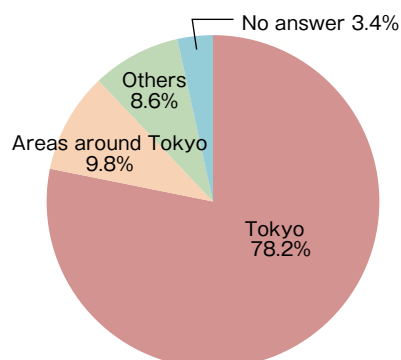
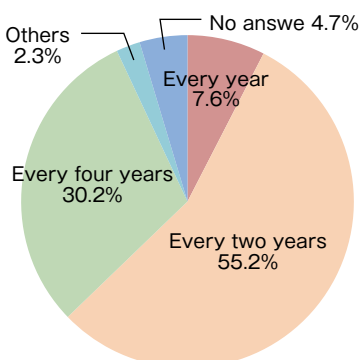
Q5 Please answer about the number of visitors in aerospace industry.



Q6 Would you like to exhibit the next JA2021?



Q7 Please answer your hope about frequency of event and the place of next exhibition.



Free Answers

- It has the large number of visitors in aerospace industry from all over the world.
- I was impressed by the B to B meeting system. It could help us to obtain new information.
- Free meeting area should be extended.
- It was difficult to understand the job category of visitors.

Exhibitors List

■ Domestic Exhibitors ※Co-exhibitor

3

8309 3D Systems Japan K.K

A

7426	AC Ishikawa (Aircraft Industry Cluster in Ishikawa Prefecture)
7426	※Asashita Mekki Co.,Ltd.
7426	※FITTING KUZE CO.,LTD
7426	※Fukada Heat Treatment Co., Ltd.
7426	※HOKURYO CO.,LTD
7426	※Marusho Co., Ltd.
7426	※MATSUMOTO MACHINE CO., LTD.
7426	※NISUI CO.,LTD
7426	※SANYO-SEIKI CO.,LTD.
7426	※TAKABAYASHI MFG.

8120	ACCURATE,INC
7320	Acquisition, Technology & Logistics Agency (ATLA)
7320	※RealViz,Inc.
7320	※SONIC CORPORATION
7320	※Top Water Systems,.Co.ltd
7320	※Water Co., Ltd.
7320	※YP System Co.,Ltd.
7404	Aero Facility Co.,Ltd
7433	AeroEdge Co., Ltd.
7507	AICHI-NAGOYA Pavilion
7507	※Aero Group
7507	※AKEONO INDUSTRY CO.,LTD.
7507	※ASANO MFG.Co.,Ltd
7507	※ATSUTA KIGYO Co., Ltd
7507	※CIJAC
7507	※Gamagori Seisakusho.Co., Ltd
7507	※HODEN SFIMITSU KAKO

KENKYUSHO CO.,LTD.
7507 ※i-o-m Co.,LTD
7507 ※Ishitoshi Machining Inc.
7507 ※IZAWA METAL Co., Ltd.
7507 ※KAGA SANGYO CO.,LTD
7507 ※KOUWA-TEC CO.,LTD.
7507 ※Laserx Co., Ltd.
7507 ※Mizuhocraft Co., Ltd.
7507 ※Nagae-Siki Co., Ltd.
7507 ※Nagoya Chamber of
Commerce & Industry.
7507 ※Nagoya Quality Assurance
Technology Co.,Ltd.
7507 ※NAKANO AVIATION
CO.,LTD.
7507 ※NSR JAPAN Co., Ltd.
7507 ※O&M HEATER CO.,LTD.
7507 ※Paionia Furyokuki Co.,Ltd.
7507 ※Sanko Hamono Co., Ltd.
7507 ※SANKO MFG CO., LTD.
7507 ※SEIKODO Corp.
7507 ※Takasago Electric, Inc.
7507 ※TOHMEI GROUP
7507 ※WANTS Inc.
7507 ※YAMASHITAKOI ISAKI ISYO

7116 AKEVONO INDUSTRY
CO.,LTD.
8227 ALTEX CORPORATION
8227 *SynQor
8105 AMPEX Japan Ltd.
8205 Amphenol Japan Ltd.

B

8210	BIC TOOL CO., LTD.
7106	BSK System Assessment Center

C

7437 Chubu Aerospace Industries

D

8108	Daido Steel Co.,Ltd.
8209	Daitron Co.,Ltd.
7225	Dassault Systemes K.K.
8211	DDC Electronics K.K.
7403	Deloitte Tohmatsu Group
7509	DMG MORI CO., LTD.
8204	DSEI Japan 2019

E

8110	EAGLE INDUSTRY CO., LTD.
8215	Enable K.K.
7224	ENERTOPIA JAPAN
7224	※THERMOCOAX
8212	EvaAviation.com Co.

F

7445	FASOTEC CO., LTD.
8102	Flow Japan Corporation

7107 FUJI INDUSTRIES CO.,LTD.
8203 FUJIKOWA INDUSTRY Co., LTD.
7409 Fukuoka Aircraft Industry Network
7409 *Belltechn Co.,Ltd
7409 *FUJI SEISAKUSHO CO.,LTD
7409 *FUKUNETSU Co.,Ltd
7409 *Japan Finetech Co.,Ltd
7409 *Kyushu Denka Co.,Ltd
7409 *N.F.T CO.,LTD
7409 *NAKASHIMA TURRET

7505	Fukushima Prefecture
7505	※Aizu Ultra Violet Japan Group
7505	※FUJIKIKO Co.,Ltd.
7505	※MIMURA KOGYO CO.,LTD
7505	※MIURA Co.,Ltd
7505	※NIDAK SEIMITSU, INC.

G

7424	Gifu Prefecture/Kakamigahara city
7424	※APC AEROSPECIALTY INC.
7424	※Asahi Kinzoku Kogyo Inc.
7424	※Gifu Aerospace Component Cluster (GACCT)
7424	※Imai Aero-Equipment Mfg. Co., Ltd.
7424	※IWATA MFG.CO.LTD.
7424	※Kawasaki Gifu Co- operative Society
7424	※MEIHOKU KOGYO CO., LTD
7424	※TENRYU AERO COMPONENT CO., LTD
7410	Gunma Industry Support Organization
7410	※Asano CO., LTD.
7410	※Kouyou Seikou Co.,Ltd.
7410	※MACHIDA GEAR MANUFACTURING CO., LTD.
7410	※URAWA Works CO., LTD.

H

7230	hakkocorporation
8206	Hakudo CO.,Ltd
7420	Hiroshima Aircraft Industry Promotion Association
7420	※Chugai Technos
7420	※Interface Corporation
7420	※Kurashiki Boring Kiko Co., Ltd
7420	※Meiwa Kosakusho.Co., Ltd
7420	※Misashi Co., Ltd
7420	※Nihon Parkerizing Hiroshima Works Co., Ltd
7420	※ShinChuo Kogyo Co., Ltd
7414	Hokkaido Aerospace Science and Technology Incubation Center
7414	※HASTIC
7414	※Hokkiado Spaceport Research Association
7414	※Taikai town
7219	Honda Motor Co., Ltd.

7510	IHI AEROSPACE CO., LTD.
7510	IHI Corporation
7510	※IHI Aero Manufacturing Co.,Ltd.
7510	※IHI Castings Co., Ltd.
7510	※IHI Inspection &

7510 *IHI Jet Service Co., Ltd.
7510 *INC Engineering Co.,Ltd.
8216 InterStellar Technologies,Inc
8235 ISHIKAWA-GUMI,LTD.
8231 Ishitoshi Machining Inc.

J

7226	JAMCO CORPORATION
7434	JAPAN AERONAUTICAL ENGINEERS' ASSOCIATION
8308	Japan Aerospace Exploration Agency
7109	Japan Aircraft Development Corporation
7502	Japan External Trade Organization
7444	JAPANESE AERO ENGINES CORPORATION
8101	JTEKT CORPORATION
7402	Jupiter Corporation

K

7430	Kanto Aircraft Instrument Co., Ltd.
7114	Kawasaki Heavy Industries, Ltd.
7114	※Nippi Corporation

8213	Kistler Japan Co., Ltd.
8114	KNIPLEX TOOLS JAPAN K.K.
7417	kobe machinery & metal industry association
7417	※DAITO CHEMICAL CO.,LTD
7417	※HANSHIN MRTLICALS CORP
7417	※HYUGO PRECISION CO.,LTD
7417	※IFUKU PRECISION MACHINERY CO.,LTD
7417	※J.TEC CO.,LTD
7417	※KARUMO FOUNDRY CO.,LTD
7417	※KOBЕ MATERIAL TESTING LABORATORY CO.,LTD
7417	※KYOEI CO.,LTD.
7417	※MAEDA PRECISIONMFG. LTD.LTD
7417	※MARUI GALVANIZING CO.,LTD
7417	※MATSUMOTO KOUSAKUSYO CO.,LTD
7417	※ONAGA CO.,LTD.
7417	※SANO-IRON WORKS CO.,LTD
7417	※SATO SEIKI CO.,LTD
7417	※SIMOZATO KOGYO CO.,LTD
7417	※TAKAYAMA CO.,LTD
7417	※WADA MOLDS INDUSTRY CO.,LTD
7417	※YAMAMOTO ELECTORIC WORKS CO.,LTD
7417	※YAMASHIRO KIKO CO.,LTD
8221	Kodama Corporation, Ltd.
8234	Kyocera Corporation
7418	Kyoto Aerospace Industrial Network
7418	※CHUKIN Co.,LTD
7418	※Kawasaki Machine Industry Co.,LTD.
7418	※KEDO SHEETMETAL WORKS CO.,LTD.
7418	※Koyo Netsuren Corporation
7418	※KUSAKAWA SEIKI CO.,LTD
7418	※SANWA KAKO Co.,LTD
7418	※TERAUCHI MANUFACTURING CO.,LTD.
8220	Kvuden Business Solutions Co.,Inc

M

8117	Marposs Kabushiki Kaisha
7442	Marubeni Information Systems Co.,Ltd
7442	※Stratays Japan Co., Ltd.
8228	Meiho Electronics Co.,Ltd
7411	Mie Prefectural Government
7411	※Cosmos Corporation Co., Ltd
7411	※DAIKI SANGYO CO., LTD.
7411	※HIKARI SEIKO CO., LTD.
7411	※KITAOKA Industrial, Inc.
7411	※Maeda Technica Co., Ltd.
7411	※Mie Aerospace Industry Project
7411	※NABEL CORPORATION
7411	※TOYO KOGYO CO., LTD.
8116	Mitsubishi Corporation Technos
8107	MITSUBISHI ELECTRIC CORPORATION
7101	MITSUBISHI HEAVY INDUSTRIES, LTD.
7101	※Mitsubishi Aircraft Corporation
7101	※Mitsubishi Heavy Industries Aero Engines, Ltd.
8207	MITSUBISHI MATERIALS CORPORATION
7432	Mitsui Bussan Aerospace Co., Ltd
8122	Mitsui Seiki Kogyo Co., Ltd.
8224	MSR INC
7115	MUSASHI ENGINEERING, INC.

N

7405	Nabtesco Corporation
8222	Nacelle CO., LTD
7422	Nagano Techno Foundation
7422	※Aerospace IIDA
7422	※HARA SEISAKUSYO
7422	※TSUZUKI
	MANUFACTURING Co., Ltd.
8218	National Institute of Information and Communications Technology
8229	NAVICOM AVIATION CORPORATION
8106	NEC
8104	NIHON MARUKO CO.,LTD.
7427	NIIGATA SKY PROJECT

7427	※KAKIZAKI Machinery Inc.
7427	※Marubishi Denshi Co.,Ltd.
7427	※Niigata Metallikon Industries Corporation
7427	※Pearl Light Industry CO.Ltd
7427	※SADO SEIMITSU CO.LTD
7427	※TOTSUKAKINZOKUKOGYO Co.,Ltd.
7406	Nippon Aircraft Supply Co., Ltd
8208	NIPPON PAPER CRECIA CO., LTD.
7407	NTK International Corporation
7407	※Airtech International Inc.
7407	※DWA Aluminum Composites USA, Inc.
7407	※Henkel Japan Co. Ltd
7407	※Kamatics Corporation
7407	※Martin UAV (NTK International Corporation)
7407	※Northrop Grumman Corporation Innovation Systems (NTK International Corporation)
7407	※Planetary Systems Corporation
7407	※Robertson Fuel Systems(NTK International Corporation)
7407	※Starfire Systems, Inc.
8119	NTN Corportion
7117	NTT Advanced Technology Corporation

7413	Oita Prefectural Organization for Industry Creation
7413	※DENKEN Co.,Ltd
7413	※KASYU KOGYO Co.,LTD
7413	※Oita Challenger Working Group
7421	Okinawa Pref. Government Aviation Industry Cluster
8201	OKOUCHI METAL CO
8103	ONOX MTT CO.,LTD.
8301	Osaka Stainless Co., Ltd.

P

8109 Polytec Japan
8226 pues corporation
8226 ※Japan Hydro system
Industry Company

R

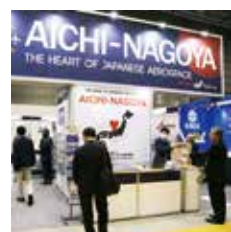
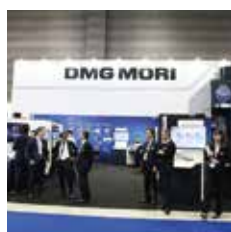
8230 RIKEN DENGU SEIZO CO., LTD.

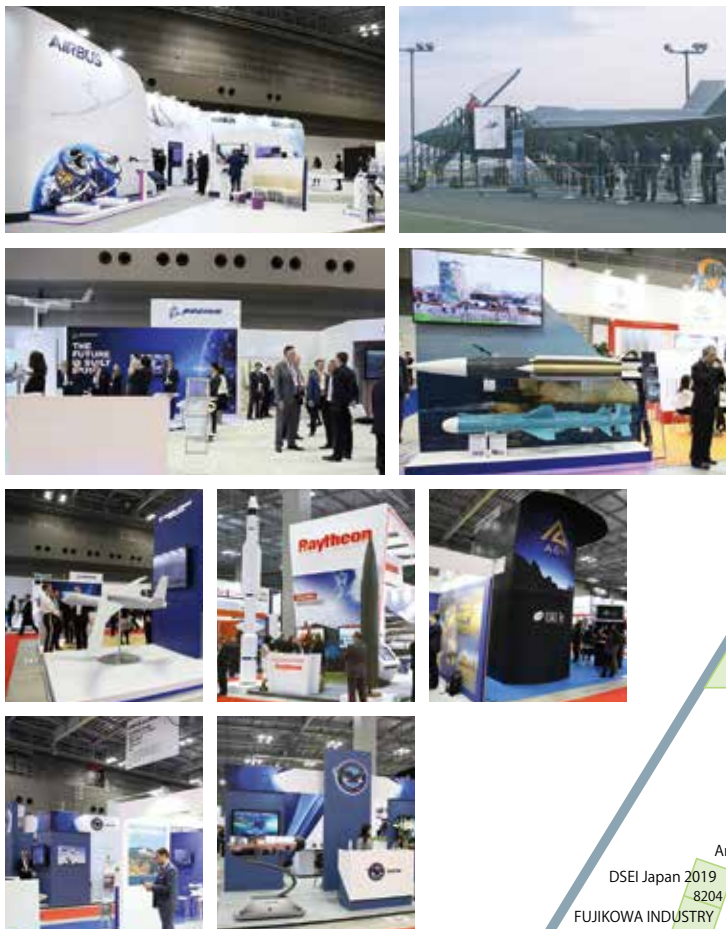
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7416	SAGAMIHARA INDUSTRIAL PROMOTION FOUNDATION
7416	※KAWASAKA Mfg.Co.,Ltd.
7416	※Niko Optics Co.,Ltd
7416	※TDI ELECTRONICS Co., LTD.
7416	※Watty Corporation
7412	Saitama Industrial Promotion Public Corporation
7412	※Fujikura Rubber Ltd.
7412	※Imaizumiseiki Co., Ltd.
7412	※Kit Seiko Corporation
7412	※Niko Manufacturing Co., Ltd.
7412	※Nishina Industrial Co., Ltd.
7412	※Ohmura Seisakusho Co., Ltd.
7412	※Uchida Seiken Co.,Ltd.
7431	SAKAGUCHI E.H VOC CORP.
7439	Sakura Rubber Co., Ltd.
7113	Sanyo Machine Works, Ltd.
7441	SASAKI Co.,Ltd
8202	SHIMADZU CORPORATION
7218	Shimadzu Precision Instruments, Inc.
7428	ShinMaywa Industries, Ltd.
7508	Shizuoka-prefecture
7508	※Aoyama-Seiko Co., Ltd.

7508	(Co-op, SOLAE) *Broach Kensaku Kogyosho Co.,Ltd. (Co-op, SOLAE)
7508	*Chuen Netsushori Giken Co.,Ltd. (Co-op, SOLAE)
7508	*Iwakura Welding Industries Co.,Ltd. (Co-op, SOLAE)
7508	*Johoku Industrial Co.,Ltd. (Co-op, SOLAE)
7508	*Kamiya Riken Co.,Ltd. (Co-op, SOLAE)
7508	*Kaneko Gear Mfg Co., Ltd. (Co-op, SOLAE)
7508	*Pi PHOTONICS, INC.
7508	*Pulstec Industrial Co.,Ltd.
7508	*Sakai Sangyo Co.,Ltd. (Co-op, SOLAE)

7508	*Sakurai Ltd.	7423	*Tochigi Aerospace Conference	Overseas Exhibitors	*Co-exhibitor	7227	Pattonair
7508	*S-TEC Co.,Ltd. (Co-op, SOLAE)	7423	*UESAWA WORKS,Inc.	A		S	
7508	*Techno Motor Engineering Co.,Ltd. (Co-op, SOLAE)	7423	*VANTECH CO.,LTD	7229	Airbus	8304	SAP MEDIA WORLDWIDE LTD.
7508	*TSK Corporation	7423	*Yuhara Mfg Co.,Ltd	7303	Arconic Fastening Systems	7436	si-Cluster
7508	*Yaizu Seiki Co.,Ltd. (Co-op, SOLAE)	7228	TODO INTERNATIONAL INC.	B		7436	(Greek National Delegation)
7112	SINFONIA TECHNOLOGY CO., LTD.	7504	Tohoku Aerospace Industry Forum/Hokkaido Aero Business Network	—	BCI Aerospace Bell	7436	*Hellenic Association of Space Industries
7443	SINTO V-CERAX,LTD	7504	*AKIMOKU IRON WORKS CO.,LTD.	7401		7436	*Hellenic Space Agency
7108	Skylabel Co., Inc.	7504	*Akita Chemical Industry Co., Ltd.	C		7436	*INASCO HELLAS
7108	*Tronair Inc.	7504	*Akita New Composite Production Technology Research and Development Partnership	7319	Canada Pavilion	7436	*Integrated Systems Development (ISD) SA
8305	Snap-on Tools Japan K.K.	7504	*Akita Research Initiative	7319	*Advance GSE Corp.	7436	*INTEROPERABILITY SYSTEMS INTERNATIONAL - ISI HELLAS
7111	Sogo Spring Manufacturing Company Limited	7504	*allsafe JAPAN LTD.	7319	*Aeropol Aviation Services Corp.	7436	*Prisma Electronics
8225	SOLTON CO.,LTD	7504	*CHIMERA CO.,LTD.	7319	*CarteNav Solutions Inc.	7436	*Theon Sensors
8118	STAHLVILLE	7504	*DBC System R&D Co.,Ltd.	7319	*CaseBank Technologies Inc.	8303	Society of Indian Aerospace Technologies and Industries (SIATI)
7503	SUBARU CORPORATION	7504	*HIKICHI SEIKO CO.,LTD	7319	*City of Mississauga	T	
7408	Sumitomo Precision Products Co., Ltd	7504	*HONDA SEIKI CO.LTD	7319	*Cyclone Manufacturing Inc.	7321	Taiwan Aerospace Industry Association
7408	*Silicon Sensing Systems Japan, Ltd.	7504	*HORIKO Co.,Ltd.	7319	*FLYHT Aerospace Solutions Ltd.	7321	*Aerospace Industrial Development Corporation (AIDC)
8217	Sunny Ltd.	7504	*ITO HEAT TREATMENT CO.,LTD	7319	*Orbital Farm Inc.	7321	*MIN CHUN PRECISION CO.,LTD
7415	Susanoo Corporate Group seeking operations for aircraft	7504	*KAWANISHI-SEIMITU co.,ltd.	7319	*Red River College	7321	*National Chung-Shan Institute of Science & Technology (NCSIST)
7415	*Fadeco Corporation	7504	*KOIWA Co., Ltd.	7319	*Satcom Direct	7321	*YE FONG ALUMINIUM INDUSTRIAL LTD.
7415	*Hadaseiko co.,ltd.	7504	*KYOOKA Co.,Ltd	7319	*Shimco	7220	TAURUS Systems GmbH
7415	*Izumo zoki co.,ltd.	7504	*KYOYU CO.,Ltd.	7319	*Space Engine Systems Inc.	7222	THALES
7415	*Kiguchi Technics Inc.	7504	*Motohashi Manufacturing Co., Ltd.	7319	*Viking Air Limited	7201	The Boeing Company
7415	*Makata Industry Inc.	7504	*NAGASAWA Machinery Co.,LTD	7319	*Virtek Vision International Inc.	7201	*Insitu, A Boeing Company
7415	*Moriya Cutlery Laboratory, Ltd.	7504	*Niizuma Seiki Co., Ltd.	7105	CzechInvest	7232	Trade Commission of Mexico in Japan - PROMEXICO
7415	*Nakasa co., ltd.	7504	*plant yonezawa Inc.	7105	*5M s.r.o.	U	
T		7504	*Sanei-Kikai Co.,Ltd	7105	*Aircraft Industries, a.s.	UK Pavilion	
8233	TAIYO NIPPON SANJO CORPORATION	7504	*SEC Corporation Ltd.	7105	*Czech Space Alliance	ADS Group Ltd	
7322	Tamagawa Aero Systems Co.,Ltd.	7504	*Seishin Hightech Co., Ltd.	7105	*Embassy of the Czech Republic in Tokyo	Aero Metals Alliance	
7301	TAMAGAWA SEIKI CO., LTD.	7504	*Suzuki Kikai Co.,Ltd.	7105	*esc Aerospace s.r.o.	BSI Group	
7429	TANIDA Ltd.	7504	*TACHIBANA MACHINE INDUSTRY CO.,LTD	7105	*Iguassu Software Systems, a.s.	(British Standard Institution)	
7419	THE NEW INDUSTRY RESEARCH	7504	*TOMESEICOH Co.,Ltd.	7105	*Investment and Business Development Agency CzechInvest	Farsound Aviation	
	ORGANIZATION(HYOGO AEROSPACE CONSORTIUM)	7504	*TOWA Industry,Co.,Ltd.	7105	*Investment and Business Development Agency CzechInvest (Tokyo Office)	Nasmyth Group	
7419	*AKASHI KASEI Co.,Ltd	7504	*WORLD YAMAUCHI CO.,LTD.	7105	*MGM Compro	Rolls-Royce	
7419	*ARIO TECHNO CO.,LTD.	7504	*Yasojima Proceed Co., Ltd	7105	*Ministry of Defense of the Czech Republic	Teledyne e2v (UK)	
7419	*DAINICHI MFG.CO.,LTD.	8112	TOKYO BOEKI TECHNO- SYSTEM, LTD.	7105	*Moravian Aerospace Cluster	Tritech Group	
7419	*Finetech Inc.	8214	TOKYO IDEAL CO.,LTD	7105	*TOSEDA s.r.o.	Ultra Electronics	
7419	*FUKUSHIN ELECTRIC CO.,LTD.	7506	Tokyo Metropolitan Aviation Network	E	*TTS, s.r.o.	UTC Aerospace Systems	
7419	*Hamax Co.,Ltd.		(Tokyo Metropolitan Government)	7102	ELBIT SYSTEMS	US Pavilion	
7419	*HYOGO PRECISION CO.,LTD	7506	*Daishin Seiki Corporation	G		Accenture	
7419	*INASAKA GEAR MFG. CO., LTD.	7506	*Dowa Forging Co., Ltd.	8307	German Aerospace Center (DLR)	Advanced Tech Supply, Inc.	
7419	*JOYO Company Limited	7506	*Fuji Manufacturing Co., Ltd.	7223	GIFAS French Pavilion	*Omega Technologies	
7419	*JUSTEED INC.	7506	*Hachiyoo Inc.	7223	*AIR COST CONTROL	*Tel-Instrument	
7419	*KARUMO FOUNDRY Co.,Ltd.	7506	*MARKTEC Corporation	7223	*BOLLORE LOGISTICS JAPAN KK	Electronics Corporation	
7419	*Kawanishi Aero Parts Products Co.,Ltd.	7506	*Mimasu Industries Co., Ltd.	7223	*DEDIENNE AEROSPACE	*West Coast Industries	
7419	*KISHIRO CO.,LTD	7506	*Nagase Co., Ltd.	7223	*SEREME	Analytical Graphics, Inc.	
7419	*KORETSUNE SEIKO ,LTD.	7506	*SANNO Techno-Arts Co., Ltd.	7223	*SOCOMORE	*LSAS Tec Co.,Ltd.	
7419	*MAEDA KOGYO CO., LTD.	7506	*Sugasawa Seiki Co., Ltd.	7104	Glenair Inc	BAE Systems	
7419	*NASADA.corporation	7506	*Tokyo Metropolitan Industrial Technology Research Institute	H		General Atomics	
7419	*Nomura Plating Co.,LTD.	7506	*Urano Co., Ltd.	7202	Honeywell Intl Inc.	Aeronautical Systems, Inc.	
7419	*ONAGA CO., LTD.	7506	*Yamato Gokin Co., Ltd.	I		Gulfstream	
7419	*PIONEER SEIKO CO., LTD	7506	*Yoshimasu Seisakusho Co., Ltd.	7440	IAI- Israel Aerospace Industries Ltd.	Hangsterfer's	
7419	*Sano-Iron-Works Co.,Ltd	7506	*Yuki Precision Co., Ltd.	8306	ILA Berlin 2020 / Messe Berlin	Kallman Worldwide	
7419	*SATO PRECISION CO., LTD	7506	Toray Precision Co.,Ltd.	K		L3 Technologies	
7419	*SHIMIZUTECH co.,ltd.	8111	TOYO Corporation	7438	Kongsberg Defence and Aerospace	Northrop Grumman Corporation	
7419	*Shinko Inspection & Service Co.,Ltd.	8113		8232	Korea Aerospace Industries Association	Pratt & Whitney	
7419	*SHIN-NIPPON NONDESTRUCTIVE INSPECTION CO.LTD	U		L		Raytheon	
7419	*SHIN'YO ENGINEERING CO.,LTD.	8223	UCHIDA Co., Ltd.	7435	LEONARDO	Rockwell Collins	
7419	*TAKIGAWA KOGYO CO.,LTD.	W		7302	LOCKHEED MARTIN CORPORATION	SAE International	
7419	*TOCALO Co.,Ltd.	Y		SD01	LOCKHEED MARTIN CORPORATION	TW Metals, LLC.	
7419	*Yamamoto Metal Technos Co.,Ltd.	7425	Yamaguchi Aerospace Cluster	M		Washington State	
7419	*YAMASHIRO KIKO CO.,LTD.	7425	*Axs	7501	MARPA	*A&R Aviation Services Inc.	
7419	*Yoshioka Industry co.,ltd	7425	*CHUGOKUDENKAKOUGYOU	7217	MBDA	*AMGI, INC.	
8219	TOBII TECHNOLOGY K.K.	7425	*HIBIKISEIKI	N		*Gladiator Technologies Division of LKD Aerospace	
7423	Tochigi Prefectural Government	7425	*kuroisoseisakusyo	7110	NICOMATIC Corporation	*Hobart Machined Products, Inc.	
7423	*ACM TOCHIGI CO.,LTD	7425	*ONEX CORPORATION	7110	*JEPCO Corporation	*IDEA International Inc.	
7423	*I.C.S Corporation	8115	Yokohama Engineering Service Ltd,	P		*Pierce County Council	
7423	*Kamedasangyo Co.Ltd.	8302	Yusen Logistics Co., Ltd.	7103	Parylene Japan / Specialty Coating Systems	*Port of Moses Lake	
7423	*KIKUCHI GEAR CO.,LTD	8121	YXLON International K.K	7231	Patria Helicopters AB	*RBC Signals	
7423	*Suzumenomiya Industry Co.,Ltd					*Service Steel Aerospace	
7423	*TETSUKA CREATE Co.,Ltd.					Zephyr Tool Group	
						*VESSEL CO., INC.	





Static
Display

LOCKHEED MARTIN

SD01

East
8Hall

B



SJAC

Information



Seminars and Symposiums

During the three Trade Days, top government and industrial officials were invited to give keynote and special lectures, and leading experts in the fields of aviation, space, and defense from inside and outside the country gave lectures and seminars in the Conference Tower of Tokyo Big Sight.

Seminars and Symposiums

Japanese/English Simultaneous Interpretation

Nov.28 (Wed) 13:05~16:20

K1 International Conference Room

Keynote Speech Government Policy and Industries overview for Aerospace

- 1 Prospects and guidelines of Japan's aerospace industry**
Hiroshi Inoue
Chief of Manufacturing Bureau
Ministry of Economy, Trade and Industry
- 2 Tasks and direction on defense production / technology base**
Nobuaki Miyama
Commissioner
Acquisition, Technology and Logistics Agency, Ministry of Defense
- 3 Japanese space policy**
Shuzo Takada
Director-General, National Space Policy, Secretariat
Cabinet Office

Special Speech International Cooperation

- 1 Japan-U.S. cooperation (AIA)**
Wesley D. Kremer
President
Raytheon Company
- 2 Japan-France cooperation**
Pierre Bourlot
Chief Executive Officer
French Aerospace Industries Association (GIFAS)
- 3 Japan-India cooperation**
Dr. C. G. Krishnadas Nair
Hony. President
Society of Indian Aerospace Technologies and Industries (SIATI)

Japanese/English

Nov.29 (Thu) 10:00~12:00

A4 102

Standardization Activities for Future Aviation

- 1 Introduction to European perspective for future aviation and standardization by EUROCAE**
Christian Schleifer-Heingartner
Secretary General
EUROCAE
- 2 Standardization activities in CARATS**
Shuji Takahashi
Director, Air Traffic International Affairs Office
Air Navigation Services Department, Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism
- 3 Japanese contributions to standardization of avionics - the case of TCAS**
Shigeru Ozeki
Director General
Electronic Navigation Research Institute

Japanese Simultaneous Interpretation

Nov.29 (Thu) 10:30~12:15

D1 International Conference Room

Defense Aircraft

- 1 Research and development and defense technology strategy of Acquisition, Technology and Logistics Agency**
Dr. Yasuharu Mine
Director, Technology Strategy Division
Acquisition, Technology and Logistics Agency, Ministry of Defense
- 2 Towards efficient and robust defense aircraft production**
Hiroyuki Hatada
Director
Aerospace and Defense Industry Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry
- 3 Future Fighter**
Lt. Gen. Hiroaki Uchikura
Director General of Aerial Systems
Acquisition, Technology and Logistics Agency, Ministry of Defense

Japanese

Nov.29 (Thu) 11:00~12:00

S2 Reception Hall B

Start-ups for Spacecraft

- 1 Targeting Launch Services for SpaceOne**
Kozo Abe
Board director
Space One Co., Ltd.
- 2 Revolutionize the Earth Observation: iQPS' s world' s first 1m resolution 100kg SAR satellite**
Shunsuke Onishi
CEO
iQPS Inc.

English Simultaneous Interpretation

Nov.29 (Thu) 13:30~15:00

D2 Reception Hall B

BMD and new Surveillance technologies

- 1 Aegis and BMD**
Brad Hicks
Vice President
International Strategy and Business Development
Lockheed Martin Rotary and Mission Systems (RMS)
- 2 New Technologies for Japan's Surveillance Environment**
Ioannis Papachristofilou
Marketing Vice President
Airbus Defense & Space

English

Nov.29 (Thu) 11:00~13:00

D4 610

"Italy - Japan Industry Day" Defence Equipment Cooperation

- 1 Introduction to Italy-Japan partnership on Defence**
H. E. Giorgio Starace
Ambassador
Embassy of Italy
Nobuaki Miyama
Commissioner
Acquisition, Technology and Logistics Agency, Ministry of Defense
- 2 Italy-Japan Defence Cooperation**
Lt. Gen. Nicolò Falsaperla
Secretary General
Defence and National Armaments Director
- 3 Italian Defence Industry: technology and capabilities for future security challenges**
Carlo Festucci
Secretary General
Italian Industries Federation for Aerospace, Defence and Security
- 4 Italy-Japan opportunities on industrial cooperation**
Roberto Garavaglia
Senior Vice President Competitive Analysis & Strategy of Helicopters Division
Leonardo
- 5 Italy-Japan opportunities on industrial cooperation**
Alberto Pietra
Senior Vice President Marketing & Sales of Leonardo Airborne & Space Systems Division
Leonardo
- 6 Elettronica Group, profile and capabilities**
Gianluca TREZZA
CEO
Elettronica
- 7 AEREA Experience, Capabilities and Potentials in Support of Japan Defense needs**
Giovanni MURETTINO
Aerea
- 8 COSMO SkyMed and Big data Analytics for operational Services**
Massimo COMPARINI
CEO
e-Geos

Japanese Simultaneous Interpretation

Nov.29 (Thu) 14:00~15:30

A1 International Conference Room

Development Aircraft

- 1 Safety certification system for development aircraft (International framework and Japanese initiatives)**
Toshihiro Koda
Director, Airworthiness Division Aviation Safety and Security Department
Civil Aviation Bureau Ministry of Land, Infrastructure, Transport and Tourism
- 2 Bring Honda's dream to the global sky. -Jet Engine development at Honda-**
Atsukuni Waragai
President
Honda Aero, Inc.

Japanese/English Simultaneous Interpretation

Nov.30 (Fri) 10:00~12:00

A5 607/608

Aircraft equipment

- 1 Recommendations to enhance competitiveness for Aerospace Equipment Field**
Hiroaki Nakamura
Visiting Professor
University of Osaka Prefecture
MOT Researcher
- 2 Future Prospects of Commercial Aircraft Interiors Industry**
Ushio Itakura
Senior Specialist, Seat Engineering Department
Engineering and Technology Division, Aircraft Interiors and Components Group, Jamco Corporation
- 3 Innovation to enhance competitiveness**
Yuichiro Kiriwara
Partner
Aerospace and Defense Sector, Deloitte Tohmatsu Consulting LLC
- 4 Global trends and market opportunities for MRO business**
Janesh Janardhanan
Asia Pacific Defense & Security Consulting Director
Frost & Sullivan Aerospace

Japanese
Nov.30 (Fri) 10:00~12:30 **S3** Reception Hall A

NewSpace business ecosystem

1 Opening Remarks

Minoru Terada
Liberal Democratic Party
Member of the House of Representatives Chairperson, Space Strategy Subcommittee, Special Committee on Space and Ocean Development

2 To expand space utilization toward the promotion of the space industry

Norihiro Sakamoto
Chairman SME NewSpace business Laboratory
Special Researcher
Comprehensive Policy Research Institute, Liberal Democratic Party

3 Panel Discussion

Misuzu Onuki
CEO
Space Access Corporation

Yosuke Asai
Director, Space Industry Office
Manufacturing Industries Bureau,
METI

Yuya Nakamura
CEO
Axelspace Corporation

Rena Okajima
CEO
Ale Co., Ltd.

Akihiro Yasuda
CFO
Space Walker Inc.

Mihoko Shintani
Counsel
TMI Associates

Ko Ogasawara
Vice President & General Manager
Space Systems Division, Integrated
Defense & Space Systems,
Mitsubishi Heavy Industries, Ltd.

Tatsuya Yoshida
Industry Research Department
Mizuho Bank, Ltd.

English **Simultaneous Interpretation**
Nov.30 (Fri) 10:30~12:00 **A2** International Conference Room

Commercial Aircraft

1 The Second Century of Aerospace: Boeing's Reflections on the Future of Flight.

Joseph M. Keegan
Director, Product Strategy and Future Airplane
Development
Boeing Commercial Airplanes

2 Airbus in Japan and Path to Innovation

Takahiro Nosaka
Communication Director - Japan
Airbus Japan

English **Simultaneous Interpretation**
Nov.30 (Fri) 10:30~12:00 **D3** Reception Hall B

IAMD and new Surveillance technologies

1 IAMD (Integrated Air and Missile Defense) - Global trends

Bradley Jeisman
Senior Business Development Manager
International Sales, Boeing Defense, Space & Security

2 Capabilities of RPAS (Remotely Piloted Aircraft System) for military applications - Present and Future

Ken Loving
Regional Director, Asia Pacific, International Strategic
Development
General Atomics Aeronautical Systems, Inc.

Joint Seminars

SAE International Aerospace Japan Symposium

URL <https://www.sae.org/attend/aerospacejapan> Coorganized by the University of Tokyo Center for Aviation Innovation Research

Emerging Technology and Standardization

Japanese/English **Simultaneous Interpretation**
Nov.29 (Thu) 10:00~12:00 **A6-1** 607/608

1 Address from the Japan delegate

Hirofumi Hatada
Director
Aerospace and Defense Industry
Division, Manufacturing Industries Bureau,
Ministry of Economy, Trade and Industry

2 Opening Remarks

David Schutt
Chief Executive Officer SAE International
Shinji Suzuki
Center for Aviation Innovation Research Professor
University of Tokyo

3 SAE Standards Overview

David ALEXANDER
Director of Aerospace Standards Development
SAE International

4 Blockchain Technology & Aerospace

Ben Towne
Senior Project Director
Sigma Resources

Japanese/English
Nov.30 (Fri) 10:30~12:30 **S4** 610

Space Industry in the Czech Republic

1 Czech space governance and space industry association

Petr Bares
President
the industry association Czech Space Alliance

2 Advanced materials R&D

Richard Pavlica
Business Development Manager
SM

3 Hitech polymeric and nanocomposite materials for space

Tomas Vlcek
Executive Director
Toseda

4 Thin film technologies

Lenka Mikulickova
Managing Director
TTS

5 GNSS, Space Situational Awareness, launchers ... software

Petr Bares
Managing Director
Iguassu Software Systems

6 Capabilities of Members of the Moravian Aerospace Cluster

Petr TOMASEK
Executive Manager
Moravian Aerospace Cluster

7 Commuter Aircraft L-410 New Generation

Tomáš Mertl
Commercial Director
Aircraft Industries

8 Electric Propulsion Systems for LSA, VTOL aircrafts and drones

Martin Dvorsky
Managing Director
MGM COMPRO

Japanese **Simultaneous Interpretation**
Nov.30 (Fri) 13:30~15:30 **S1** International Conference Room

Current and next generation launch services and spacecraft

1 Space Innovation through Partnership and Co-creation

Hiroshi Yamakawa
President
Japan Aerospace Exploration
Agency

2 Current status and future expectation of space launch service

Masahiro Atsumi
Vice President & Senior General
Manager
Space Systems Division, Integrated
Defense & Space Systems,
Mitsubishi Heavy Industries, Ltd.

3 Future Prospects for Satellite business and Space Utilization

Hiromasa Nakaguro
Senior General Manager
Space Systems Division, Mitsubishi
Electric Corporation

Japanese
Nov.30 (Fri) 13:30~15:30 **A3** Reception Hall B

Current Manufacturing of aircraft

1 Cutting-edge manufacturing methods employed in Boeing 777X panel assembly line, M-PAL

Hirofumi Masuda
Director, Assembly Department, Commercial Airplanes
Division
Commercial Aviation Systems, Mitsubishi Heavy
Industries, Ltd.

2 Manufacturing Technology of Kawasaki Aerospace Systems Company

Junichi Tamura
Senior Manager, Production Strategy Department
Manufacturing Division, Aerospace Systems Company,
Kawasaki Heavy Industries, Ltd.

3 Achievement of aerospace parts by 3D printers

Kazuma Takahata
Key Account Manager
eos Japan

4 Re-definition of Long-Term Competitive Advantage by State-of-the-Art Digital Technologies

Kentaro Nakamura
Managing Director
Accenture Strategy, Communications, Media &
Technology, Japan

Japanese/English Simultaneous Interpretation		Japanese/English Simultaneous Interpretation	
Nov.30 (Fri) 10:00~12:00	A6-3 101	Nov.30 (Fri) 13:00~16:00	A6-4 607/608
1 Automated and Unmanned Technology in Aerospace Chair Junichi Miyakawa Senior Corporate Adviser Mitsubishi Heavy Industries, Ltd. Panelist Akitoshi Sakaguchi General Manager of UAS Design Department, SUBARU Corporation Takashi Kohno Associate Senior Researcher Next Generation Aeronautical Innovation Hub Center, Aeronautical Technology Directorate, Japan Aerospace Exploration Agency Pier Marzocca Professor and Associate Dean of Engineering RMIT University Jeff Ratcliffe Chief Technical Officer Engineering Services Business Development, Northwest UAV		1 More Electric Aircraft Chair Dr. Noriko Morioka Team Leader Corporate Business Development, IHI Corporation Panelist Susan Ying Vice President Technology Strategy and International Relations, AmpAire Kamiar Karimi Senior Technical Fellow, Energy Management and Power Systems Boeing Commercial Airplanes Kathy Kang Director, More Electric System, COMAC Takahiro Shizuki Special battery & Lithium-Ion Battery Division, GS Yuasa Technology Anthony M Nicoli Director Aerospace & Defence Siemens Mentor	
 		2 Electric/Hybrid Propulsion Chair Dr. Akira Nishizawa Emission Free Aircraft Team, Next Gen, Aeronautical Innovation Hub Center, Aeronautical Technology Directorate, Japan Aerospace Exploration Agency Panelist Richard Ambrose Hybrid Propulsion Coordinator, Airbus Michael Armstrong Senior Director, EP Systems Takefumi Okumura Electrification Component & Material Research Dept., Hitachi, Ltd. Susan Ying Vice President Technology Strategy and International Relations, AmpAire	
		3 Closing Remarks Frank Menchaca Chief Product Officer, SAE International Shinji Suzuki Center for Aviation Innovation Research Professor, University of Tokyo	

Japanese/English Simultaneous Interpretation		Japanese/English Simultaneous Interpretation	
Nov.29 (Thu) 10:00~12:00	C1 101	Nov.29 (Thu) 13:30~16:30	C2 101
Embassy of the United States of America		Embassy of the United States of America	
Cyber Security for Defense		Cyber Security for Supply chain	
Opening Remarks U.S. Embassy Tokyo Commercial Officer National Institute of Standards and Technology (NIST) International Policy Specialist Brittany Banta Amy Mahn		Opening Remarks U.S. Embassy Tokyo Commercial Officer National Institute of Standards and Technology (NIST) International Policy Specialist Brittany Banta Amy Mahn	
1 IBM: IBM Watson - Cognitive technology application for defense space - Concept and Case Study (Language: Japanese) Tadayuki Haneda Associate Partner National Defense Systems, Global Business Services, IBM Japan		2 Defense in Depth, Behavioral Analytics, and a Collaborative approach to Cyber Security Gareth Owen IronNet	
		3 Estimating the Cost of Cyber Security Anthony A. DeMarco President PRICE Systems, L.L.C.	
3 Lockheed Martin - Designing Cyber Resiliency Deon Viergutz Vice President Cyber Solutions, Lockheed Martin Rotary and Mission Systems		2 Raytheon - Raytheon's Approach to Secure Cyber Supply Chain Justin F. Kershaw Director Global Cyber Operations - Intelligence, Information and Services, Raytheon	
3 Northrop Grumman's Secure Supply Chain Initiative Rusty Toth Manager Business Development - Japan Cybersecurity, Northrop Grumman Technology Services		4 Supply Chain Cyber Security Keith Mills IT Security Lead Boeing IT International	

Japanese	
Nov.29 (Thu) 13:00~17:00	A7 TFT Hall 1000
Flying Car symposium	
1 Toward Air Transportation Revolution Fumiaki Ebihara Chief Deputy Director Aerospace and Defense Industry Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry	
2 Advantages and Challenges of Physician On-boarding Air Ambulances Hisashi Matsumoto Director, Shock and Trauma Center/Hokusho HEMS, Nippon Medical School Professor, Nippon Medical School	
3 System Design and Services of Flying Cars Masaru Nakano Professor Graduate School of System Design and Management, Keio University Director Flying Car Laboratory	
4 Social Impact through Realization of Flying Cars Seiichiro Yamamoto Manager, Aerospace & Defense Sector, Deloitte Tohmatsu Consulting	
5 Issues in Traffic Management of Flying Cars Takeshi Tsuchiya Professor Department of Aeronautics and Astronautics, The University of Tokyo	
6 Developmental Status of UTM (UAS Traffic Management) System for Drone Delivery and the Urban Air Mobility Dr. Kenya Harada Manager for UTM Technology Section Next Generation Aeronautical Innovation Hub Center, Aeronautical Technology Directorate, Japan Aerospace Exploration Agency (JAXA)	
7 Panel Discussion Dr. Akira Nishizawa Team Leader, Emission Free Aircraft Team, Next Gen, Aeronautical Innovation Hub Center, Aeronautical Technology Directorate, Japan Aerospace Exploration Agency (JAXA) Tomohiro Fukuzawa Co Representative CARTIVATOR Akitoshi Sakaguchi General Manager of UAS Design Department, SUBARU Corporation Takeshi Akasaka CTO, Temma	
8 Closing remarks Shinji Suzuki Professor Department of Aeronautics and Astronautics, The University of Tokyo	

Nov.29 (Thu) 10:00~12:45

A9 TFT Hall 300

Memoriam Symposium for establishment of The CMC Center, Tokyo University of Technology "CMC and the Future of Aviation Industry"

1 Opening remark

Isao Karube
President, Tokyo University of Technology

3 Complimentary address

Yasushi Saito
Director, Material Science and Nanotechnology Development Division, MEXT

5 Keynote speech: The future of CMC

Yutaka Kagawa
Director of The CMC Center, Tokyo University of Technology

7 Invited speech: Future R&D Strategy for Large Airplane Engine in Private Sector

Hideki Hoshi
President
GE Aviation Distribution Japan

2 Complimentary address

Hiroyuki Hatada
Director, General Aerospace and Defense Industry Division, METI

4 Complimentary address

Teruo Kishi
Program Director of SIP
Professor Emeritus of The University of Tokyo

6 Invited speech: Improving the Value Proposition of Ceramic Matrix Composites

Andrew Lazur
Pratt & Whitney

8 Panel discussion: The future of CMC and the role of The CMC Center

Dr. Yutaka Kagawa
Takeshi Nakamura
Kenichiro Igashira
Masaki Ushida

Director of The CMC Center, Tokyo University of Technology
IHI Corporation
Kawasaki Heavy Industries, Ltd.
Mitsubishi Heavy Industries Aero Engines, Ltd.

Japanese

Nov.30 (Fri) 13:00~17:00

A8 102

"The Gas Turbine Civic Forum" Gas Turbine Society of Japan

1 Aero-Engine Industries in Japan and Future Outlook

Shuji Suyama
General Manager
Planning Department, Japanese Aero Engines Corporation

3 Development of Ni-base Superalloys for Jet Engine Applications

Kyoko Kawagishi
Group Leader, Superalloys and High Temperature Materials Group
Design and Producing Field, Research Center for Structural Materials, National Institute for Materials Science

5 Road to Success on Entering into the Market- Market outlook by an aircraft manufacturer

Keijiro Yamauchi
Executive Director, YSEC Group
President, Yamanouchi Seisakusho Co., Ltd.

7 Perspective of Engine Maintenance at JAL

Hiroki Haraikawa
General Manager, Engine Maintenance Center, JAL Engineering Co., Ltd.

2 Research on Advanced Technology and Demonstration Tests for Next Generation Aero-Engines

Toshio Nishizawa
Director, Propulsion Research Unit, Aeronautical Technology Directorate
Japan Aerospace Exploration Agency

4 Technology Development and Future Forecast of Aero Engine Business in IHI

Haruyuki Tanimitsu
Manager, Aerodynamic Technology Group
Advanced Technology Department, Research & Engineering Division, Aero Engine, Space & Defense Business Area, IHI Corporation

6 Turbine Blade Production for LEAP ramp-up

Akito Jiju
Executive Vice President & COO, AeroEdge Co., Ltd.

Exhibitor Presentations

EJ : Operating language

703 New application of Laser Cleaning for Aerospace market

Clean-Lasersystem GmbH has sold more than 1000 units in several industries starting with aerospace and automobile and more new applications are available in each fields.

TEL +81 (0) 52-211-1881 E-mail k.soeta@ficjpn.co.jp

FUJII INDUSTRIES CO.,LTD.

11/29(Thu) 11:00~11:45

J

703 Aviation operations at sea

What marinization is and why it matters; and how amphibious forces are inherently joint and flexible. Purpose built amphibious forces are able to execute across the range of military operations, from high end combat to HADR operations and providing defense support to civilian authorities.

Bell

11/29(Thu) 12:30~13:15

E

701/702 Quality management system and Information / Online Standard Database "BSOL"

- Quality management system for manufacturing, MRO, and distributor in Aerospace and Defense industry
- Introduction of BSOL, online standard database

BSI Group (British Standard Institution)

11/29(Thu) 14:00~14:45

EJ

TEL +81 (0) 3-6890-1172 E-mail Sales.Japan@bsigroup.com

703 DMG MORI's solutions for aircraft parts machining

With the promising forecasts reported, the aircraft industry is facing a challenge in boosting production volume and productivity. DMG MORI will introduce unique solutions to meet their needs.

DMG MORI CO., LTD.

11/30(Fri) 11:00~11:45

J

701/702 Introduction to 3DEXPERIENCE Platform adopted by major OEM in the world

The platform provides industry specific software solutions for every organization in your company.

Dassault Systemes K.K.

11/30(Fri) 14:00~14:45

J

E-mail Japan.Marketing@3ds.com

701/702 Air Keeper - Advanced Integrated Airborne Intelligence Gathering Approach

Modern electromagnetic arenas are characterized by variety of threats and scenarios spanning over a wide spectrum.

Air Keeper: A multi-use airborne EW System handling all EW aspects: ELINT, COMINT, EA, SP, COMJAM on the same aircraft.

TEL +972 54-993-2260 E-mail Yaakov.siman-tov@elbitsystems.com

ELBIT SYSTEMS

11/29(Thu) 11:00~11:45

E

703 Measuring Considerations for Jitter & Microvibration Characterization on Reaction Wheels

Measuring higher frequencies using Ceramic design piezoelectric dynamometers and best practice.

Kistler Japan Co., Ltd.

11/29(Thu) 14:00~14:45

EJ

TEL +81 (0) 45-471-8620 E-mail sales.jp@kistler.com

703 Advanced Airborne Self-Protection EW Solutions

ALL-in-SMALL™ - full EW Self Protection Suite for Helicopters & Transporters. A unique EW suite providing unified EW functionalities within a single LRU: EWC, Digital RWR, IR-based MWS, LWS and CMDS.

ELBIT SYSTEMS

11/29(Thu) 15:30~16:15

E

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703 To meet NIST SP800-171

EvaAviation.com Co.
Defense Structure Improvement Foundation

11/30(Fri) 14:00~14:45

J

703 Snap-on Tools introduces the solution for digital tool management

With the digitization of information and management progressing in industry of the aircraft manufacturing or maintenance, the tool digitization also becomes important. Snap-on Tools would like to introduce our solution for digital tool management.

Snap-on Tools Japan K.K.

11/30(Fri) 15:30~16:15

J

TEL +81 (0) 3-5534-1281 E-mail japanwebcom@snapon.com

Official Events

Opening Ceremony

Date and time Nov. 28 (Wed) 9:30 am~9:50 am

Venue New East Hall Link Space

Greetings from the Host : Chairman, The Society of Japanese Aerospace Companies(SJAC) Hideaki Omiya

Greetings from the Guest-of-Honor : Vice-governor, Tokyo Metropolitan Government Mitsuchika Tarao

Tape-cutting :

Vice-governor, Tokyo Metropolitan Government Mitsuchika Tarao

Director-General, Trade Policy Minister's Secretariat

(Manufacturing Industries Bureau)

Commissioner, Acquisition, Technology and Logistics Agency Naoshi Hirose

Director-General, National Space Policy Secretariat, Cabinet Office Nobuaki Miyama

Representative for Chairman, Aerospace Industries Association Shuzo Takada

Vice President, Raytheon Company President, Integrated Defense Systems Wesley D. Kremer

Chairman, The Society of Japanese Aerospace Companies(SJAC) Hideaki Omiya

President & CEO, Tokyo Big Sight Inc. Kiyotsugu Ishihara



Opening Reception

Date and time Nov. 28 (Wed) 11:30 am~12:45 pm

Venue Reception Hall B

Greetings from the Host :

Chairman, The Society of Japanese Aerospace Companies(SJAC)

Hideaki Omiya

Greetings from the Guest-of-Honor :

Minister of State for Science and Technology Policy Takuya Hirai

VICE Minister of Economy, Trade and Industry Yoshihiko Isozaki

VICE Minister of Defense Kenji Harada

Sake barrel opening :

Chairman, The Society of Japanese Aerospace Companies(SJAC)

Hideaki Omiya

Minister of State for Science and Technology Policy Takuya Hirai

VICE Minister of Economy, Trade and Industry Yoshihiko Isozaki

VICE Minister of Defense Kenji Harada

Commissioner, Acquisition, Technology and Logistics Agency Nobuaki Miyama

President & CEO, Tokyo Big Sight Inc. Kiyotsugu Ishihara

Ambassador of France His Excellency Laurent PIC

Ambassador of Italy His Excellency Giorgio STARACE

Ambassador of Israel Her Excellency Yaffa Ben-Ari

CEO, Groupement des industries françaises aéronautiques et spatiales(GIFAS) Pierre Bourlot

Representative for Chairman, Aerospace Industries Association(AIA)

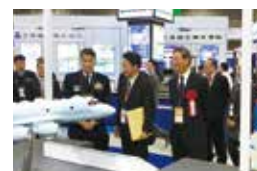
Vice President, Raytheon Company President, Integrated Defense Systems Wesley D. Kremer



Guests Preview Hours

From 10:00 to 11:00 on the first day of the exhibition, the venue was open exclusively to the press and the administrative officers invited by the host. The invited officials include Minister Hirai, Vice Minister Sato, Vice Minister Seki, Vice Minister Isozaki, Vice Minister Harada, among others, as well as the 19 defense and air force officials from 16 countries invited by the ATLA.

Date and time Nov. 28 (Wed) 10:00 am~11:00 am



B to B Meetings

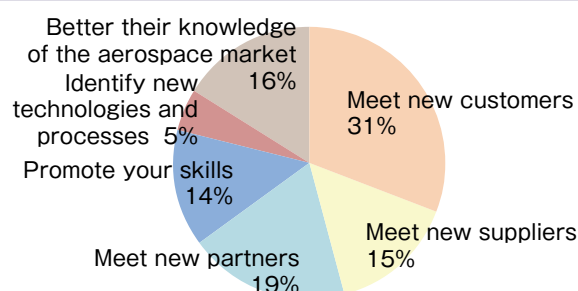
B to B Meetings organized by BCI

Schedule Nov.29(Thu.) – 30(Fri.), 2018 (2days) **Number of Meetings** 1,438 meetings (2days)

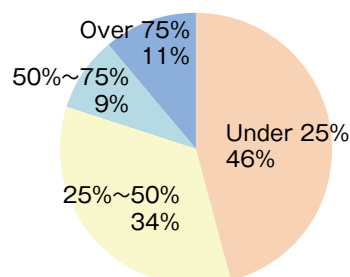
Number of Companies 137companies from 15 countries **【Supplier : 111 Buyer : 26】**

Number of Participants 245 people **【Supplier : 191 Buyer : 54】**

What were the participants' expectations?



Among these contacts, how many are worth a follow up?



Public Relations

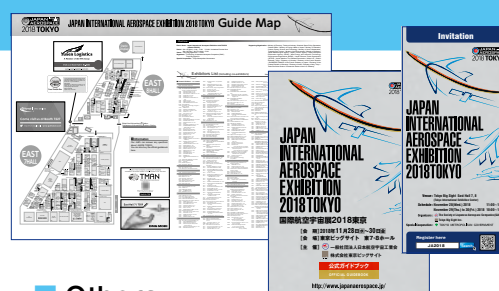
Promotions

Exhibition & Air Show

- INTERNATIONAL PARIS AIRSHOW (France)
- FARNBOROUGH INTERNATIONAL AIRSHOW (U. K.)
- ILA Berlin Air Show (Germany)
- SINGAPORE AIR SHOW (Singapore)
- Seoul ADEX (Korea)
- DSEI (U. K.)
- Business Arena in Saitama (Saitama, Japan) etc.

Press release & Presentation

- Jul. 2, 2018
Press release (Tokyo, Japan)
- Jun. 21, 2017
Presentation at INTERNATIONAL PARIS AIRSHOW
- Aug. 27, 2018
Presentation at ILA Berlin Air Show
- Jul. 18, 2018
Presentation at FARNBOROUGH INTERNATIONAL AIRSHOW



Others

- Visits to regional municipalities and related organizations and groups
- Sending of direct mail
- Transmission of e-mail newsletters
- Transmission of press releases etc.

Media

Newspaper, Magazine, Online news

Asahi Shimbun/Nihon Keizai Shimbun/OITA GODO SHIMBUN/Shimotsuke Shimbun/Zaikei Shimbun/KOTSU SHIMBUN/Nikkan Kogyo Shimbun/WING/ AIRLINE /Aviation Wire/FNN.jp Prime Online/Sankei News/JIJI.com/TOYO KEIZAI ONLINE/NIKKEI xTECH/Bouncy/PRESIDENT Online/Yahoo! News etc.

Major Visiting Media (Number of press visitors during the exhibition: 231 people from 112 companies)

Domestic

Asahi Shimbun/The Sankei Shimbun/Nihon Keizai Shimbun/Mainichi Shimbun/The Yomiuri Shimbun/OITA GODO SHIMBUN/Kanagawa Shimbun/Shimotsuke Shimbun/Chunichi Shimbun/Nikkan Kogyo Shimbun/Nikkei Sangyo Shimbun/Nikkei xTECH/Nikkei Business/Fuji Sankei Business i./Aviation Wire/WING/AIRLINE/Japan Military Review/AIRVIEW/KOKU-FAN/J Wings/JIJI.com/NHK/TBS/TV ASAHI/FUJI TELEVISION NETWORK /Hokkaido Broadcasting/Nippon Broadcasting System etc.

Overseas

AVIATION WEEK/Defense Times/Financial Times/Flight Global etc.



JAPAN AEROSPACE 2018 TOKYO

Japan Aerospace History

No.	Title	Dates	Venue	Participants	Number of Exhibitors	Number of Visitors
1	Japan International Aerospace Show	Nov. 3-6, 1966	JASDF Iruma Air Base	2 countries	42	380,000
2	Japan International Aerospace Show	Oct. 9-13, 1968	JASDF Iruma Air Base	6 countries	96	500,000
3	Japan International Aerospace Show	Oct. 29-Nov. 3, 1971	JASDF Komaki Air Base	8 countries	177	500,000
4	Japan International Aerospace Show	Oct. 5-11, 1973	JASDF Iruma Air Base	8 countries	119	610,000
5	Japan International Aerospace Show	Oct. 16-24, 1976	JASDF Iruma Air Base	8 countries	123	480,000
6	Japan International Aerospace Show	Nov. 17-25, 1979	JASDF Iruma Air Base	9 countries	122	270,000
7	Japan International Aerospace Show	Oct. 29-Nov. 6, 1983	JASDF Gifu Air Base	7 countries	110	430,000
8	Japan International Aerospace Exhibition 1991	Feb. 14-18, 1991	Makuhari Messe (Nippon Convention Center)	10 countries	259	80,000
9	Japan International Aerospace Exhibition 1995	Feb. 15-19, 1995	Makuhari Messe (Nippon Convention Center)	24 countries	282	84,000
10	Japan International Aerospace Exhibition 2000	Mar. 22-26, 2000	Tokyo Big Sight (Tokyo International Exhibition Center)	24 countries and areas	297	110,000
11	Japan International Aerospace Exhibition 2004	Oct. 6-10, 2004	Pacifico Yokohama	24 countries and areas	346	110,000
12	Japan International Aerospace Exhibition 2008	Oct. 1-5, 2008	Pacifico Yokohama	22 countries and areas	529	42,000 ^{*1}
13	Japan International Aerospace Exhibition 2012	Oct. 9-14, 2012	Port Messe Nagoya and Centrair	32 countries and areas	636 28	42,000 ^{*2} 120,000 ^{*3}
14	Japan International Aerospace Exhibition 2016	Oct. 12-15, 2016	Tokyo Big Sight (Tokyo International Exhibition Center)	31 countries and areas	812	44,000
15	Japan International Aerospace Exhibition 2018 TOKYO	Nov. 28-30, 2018	Tokyo Big Sight (Tokyo International Exhibition Center)	17 countries and areas	520	27,000

*1 Starting in 2008, we changed the method for counting visitors from the cumulative number of entries to the number of persons registered.

*2 Number of visitors at Portmesse Nagoya.

*3 Number of visitors at Chubu Centrair International Airport.

Next Exhibition	Japan International Aerospace Exhibition 2021 Venue : Tokyo Big Sight
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The Society of Japanese Aerospace Companies (SJAC)

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