

NEXT

The 29th JAPAN INTERNATIONAL MACHINE TOOL FAIR

JIMTOF 2018

Nov.1 (Thu.) - Nov.6 (Tue.), 2018
TOKYO BIG SIGHT



www.jimtof.org



JIMTOF 2016

The 28th JAPAN INTERNATIONAL MACHINE TOOL FAIR
November 17 (Thu.) ▶ November 22 (Tue.), 2016

Organizers: Japan Machine Tool Builders' Association/ Tokyo Big Sight Inc.

FINAL REPORT

Comparative List Showing Fair Scales Since 1st JIMTOF

Exhibition Number	Period	Location	Grounds Area	Exhibition Area	Booths	Countries / Regions Represented	Exhibitors	Visitors (overseas visitors listed in brackets)
1st	1962.10/10-10/21	Osaka	137,500㎡	47,525㎡	2,938	17	461	337,593 (1,115)
2nd	1964.11/9-11/20	Tokyo	151,800㎡	63,065㎡	2,894	19	503	424,737 (1,498)
3rd	1966.10/15-10/26	Osaka	85,000㎡	25,974㎡	1,586	14	312	361,028 (1,316)
4th	1968.10/2-10/13	Tokyo	106,500㎡	48,235㎡	2,969	15	445	502,389 (1,933)
5th	1970.10/28-11/8	Osaka	192,700㎡	58,193㎡	3,683	19	409	622,248 (1,906)
6th	1972.11/15-11/26	Tokyo	193,000㎡	63,374㎡	3,697	17	500	531,714 (2,058)
7th	1974.10/24-11/4	Osaka	120,000㎡	51,179㎡	3,168	18	410	722,315 (2,561)
8th	1976.11/15-11/26	Tokyo	116,000㎡	46,617㎡	2,533	18	439	543,719 (3,644)
9th	1978.10/27-11/7	Osaka	120,000㎡	43,000㎡	2,626	17	430	636,874 (3,087)
10th	1980.10/31-11/11	Tokyo	116,000㎡	56,618㎡	3,826	21	521	601,433 (8,056)
11th	1982.10/28-11/8	Osaka	120,000㎡	55,984㎡	4,228	20	726	633,595 (9,529)
12th	1984.10/30-11/8	Tokyo	126,000㎡	66,366㎡	4,625	23	537	604,620 (10,845)
13th	1986.10/25-11/3	Osaka	219,000㎡	77,693㎡	5,438.2	23	822	520,351 (10,595)
14th	1988.10/21-10/30	Tokyo	205,615㎡	70,462㎡	4,961	25	574	627,677 (13,055)
15th	1990.10/26-11/4	Osaka	157,000㎡	64,137㎡	4,800.3	26	911	550,405 (11,874)
16th	1992.10/27-11/4	Tokyo	205,615㎡	75,000㎡	5,445.8	32	623	531,051 (10,040)
17th	1994.10/26-11/3	Osaka	128,986㎡	73,000㎡	4,325.5	24	880	425,786 (10,114)
* 18th	1996.11/12-11/19	Tokyo	243,320㎡	80,660㎡	4,958	25	565	131,347 (4,945)
* 19th	1998.10/28-11/4	Osaka	128,896㎡	76,000㎡	4,769	19	753	103,435 (4,497)
* 20th	2000.10/28-11/4	Tokyo	243,420㎡	82,660㎡	5,012	19	768	114,292 (4,741)
* 21th	2002.10/28-11/4	Tokyo	243,420㎡	82,660㎡	5,031	17	764	99,251 (3,534)
* 22th	2004.11/1-11/8	Tokyo	243,420㎡	82,660㎡	5,037	22	832	123,319 (6,522)
* 23th	2006.11/1-11/8	Tokyo	243,420㎡	82,660㎡	5,125	19	785	130,908 (7,159)
* 24th	2008.10/30-11/4	Tokyo	243,420㎡	85,520㎡	5,233	17	851	142,408 (8,366)
* 25th	2010.10/28-11/2	Tokyo	243,420㎡	82,660㎡	4,964	23	813	114,558 (7,628)
* 26th	2012.11/1-11/6	Tokyo	243,420㎡	82,660㎡	5,092	23	815	128,674 (8,347)
* 27th	2014.10/30-11/4	Tokyo	243,420㎡	82,660㎡	5,083	25	865	136,196 (10,527)
* 28th	2016.11/17-11/22	Tokyo	265,752㎡	98,540㎡	5,518	21	969	147,602 (11,533)

* Multi-entries of the registered visitors counted as one since 18th JIMTOF



Japan Machine Tool Builders' Association

3-5-8, Shiba-koen, Minato-ku, Tokyo 105-0011
Tel. +81-3- 3434-3961 Fax. +81-3- 3434-3763



Tokyo Big Sight Inc.

3-11-1, Ariake, Koto-ku, Tokyo 135-0063
Tel. +81-3- 5530-1333 Fax. +81-3- 5530-1222

Greeting

The Japan Machine Tool Builders' Association and Tokyo Big Sight Inc. held JIMTOF2016 (The 28th Japan International Machine Tool Fair) over six days from Thursday, November 17 to Tuesday, November 22, 2016, based on the theme, "The future starts here."

Since the fair was held for the first time in 1962, JIMTOF has won high appraisal, both domestically and internationally, as a machine tool fair representing Japan, and now the event marks the 28th time for this fair to be held. This is all thanks to the cooperation and support of not only the exhibitors, visitors and cooperating organizations, but also all the people associated with the manufacturing industry.

The New East Exhibition Hall was added as the venue for JIMTOF2016, and the event was held on an unprecedented scale. As a result, it attracted a total of 969 companies from 21 countries and regions throughout the world, with 5,518 booths set up. As many as 483 booths were set up by 143 companies from overseas, marking a 60% increase over the previous event. The fair was visited by a total of 147,602 people (excluding repeat visitors), of whom as many as 11,533 were from overseas. Both of these figures marked a major increase over the previous event, and it was also a record number since the current method of counting visitors based on a registration system was introduced.

In addition to the comprehensive variety of displays set up at the venue by exhibitors, a program was run offering a diverse range of talks, seminars and projects to introduce machine tools and their respective industries to students, in the fields of AI, IoT, etc., which are currently hot topics. Moreover, a special exhibit was set up to focus attention on the skills of craftsmen and manufacturing techniques that Japan boasts to the world. The demonstration of metal spinning, in which participants were able to gain hands-on experience of working with master craftsmen, attracted the attention of many people every time, greatly exciting visitors to the event.

The next JIMTOF2018 (The 29th Japan International Machine Tool Fair) will be held at Tokyo Big Sight over six days from Thursday, November 1 to Tuesday, November 6, 2018. Moving forward, everyone at the Fair Management Office will continue striving through JIMTOF to contribute to the further development of machine tools and associated industries, and we sincerely look forward to everyone's continued support.



Yoshimaro Hanaki
Chairman
Japan Machine Tool
Builders' Association



Yutaka Takehana
President & CEO
Tokyo Big Sight Inc.

Outline of the fair

■Name:	JIMTOF2016 The 28th JAPAN INTERNATIONAL MACHINE TOOL FAIR
■Organizers:	Japan Machine Tool Builders' Association Tokyo Big Sight Inc.
■Supporting Organizations:	Ministry of Foreign Affairs Ministry of Economy, Trade and Industry Tokyo Metropolitan Government The Japan Chamber of Commerce and Industry
■Cooperating Organizations:	Japan Machine Tool Importers' Association Japan Forming Machinery Association Japan Precision Machine Association Japan Cutting & Wear-resistant Tool Association Japan Machine Accessory Association Japan Precision Measuring Instruments Manufacturers Association Japan Grinding Wheel Association Industrial Diamond Association of Japan Japan Optical Measuring Instruments Manufacturers' Association Japan Fluid Power Association Japan Testing Machinery Association Japan Gear Manufacturers Association
■Purpose:	For the contribution to the development of industry and trade promotion through increased international transactions and technical exchanges of machine tools and their related equipment.
■Date:	November 17 (Thu.) - November 22 (Tue.), 2016 (6 days)

■Opening Hours:	9:00-17:00
■Venue:	Tokyo Big Sight (Tokyo International Exhibition Center)
■Number of Exhibitors:	969 (Direct exhibitors 762 Co-exhibitors & Represented Companies 207) [865 (Direct exhibitors 633, Co-exhibitors and Represented Companies 232) in previous exhibition]
■Net Exhibit Space:	5,518 booths (49,662m ²)
■Exhibition Area:	98,540m ²
■Participating Countries/Regions:	21 Countries and Areas Austria, China, Czech Republic, Denmark, France, Germany, India, Israel, Italy, Japan, Korea, Liechtenstein, Netherlands, Norway, Portugal, Sweden, Switzerland, Taiwan, Turkey, U.K., U.S.A.
■Exhibits:	Machine tools (Metal cutting, Metal forming); Machine tool accessories; High speed steel tools; Cemented carbide tools; Diamond, CBN tools; Grinding wheels and abrasives; Gears and Gear devices; Oil hydraulic, water hydraulic and pneumatic machinery; Precision measuring machines and instruments; Optical measuring instruments; Testing machinery; Controller and related software (CAD/CAMetc.); Other associated machinery and equipment, raw materials, technologies and publications
■Admission:	Advanced Purchase : 1,000Yen (Tax Included) Onsite ticket : 3,000Yen (Tax Included) ※ Students : Free admission

Exhibition status

[JIMTOF2016 Number of Exhibitors]

Type of Exhibitor	Domestic	Overseas	Subtotal
Exhibitors	619	143	762
Co-exhibitors	49	63	112
Represented Companies	17	78	95
Total	685	284	969

Association	Number of Companies	Number of Booths
Japan Machine Tool Builders' Association	88	2,569
Japan Machine Tool Importers' Association	39	471
Japan Forming Machinery Association	9	55
Japan Precision Machine Association	24	187
Japan Cutting & Wear-resistant Tool Association	65	437
Japan Machine Accessory Association	53	420
Japan Precision Measuring Instruments Manufacturers Association	24	163
Japan Grinding Wheel Association	10	57
Industrial Diamond Association of Japan	11	47
Japan Optical Measuring Instruments Manufacturers' Association	11	49
Japan Fluid Power Association	12	44
Japan Testing Machinery Association	4	11
Japan Gear Manufacturers Association	5	20
Organizers-Cooperating Organizations Subtotal...①	355	4,530
Domestic General	271	505
Domestic General Subtotal...②	271	505
Overseas General	79	205
Overseas Associations Member	64	278
Overseas Subtotal...③	143	483
Total (①+②+③)	769	5,518

Total Number of Exhibitors (without double counting)...④	762	—
Co-exhibitors...⑤	112	—
Represented Companies...⑥	95	—
Total... (④+⑤+⑥)	969	5,518

Co-exhibitor & Represented Company

When exhibiting products and services in exhibits other than their own company's, classification is made as a co-exhibitor in the case that an expert explainer is present at all times, and as a represented company in the case that an expert explainer is not present at all times.

[JIMTOF2016 Exhibitor's Classification]

Classification	Number of Booths	%
Metal cutting machine tools	3,218	58.3
Machine tool accessories	702	12.7
Tools	762	13.8
Measuring instruments	308	5.6
Related software (CAD/CAM etc.)	92	1.7
Metal forming machine tools	101	1.8
Oil, hydraulic, Pneumatic Machinery	67	1.2
Gears and gear devices	27	0.5
Publications / Information	12	0.2
Other related machinery	229	4.2
Total	5,518	100.0



Number of Visitors

Number of Registered Visitors

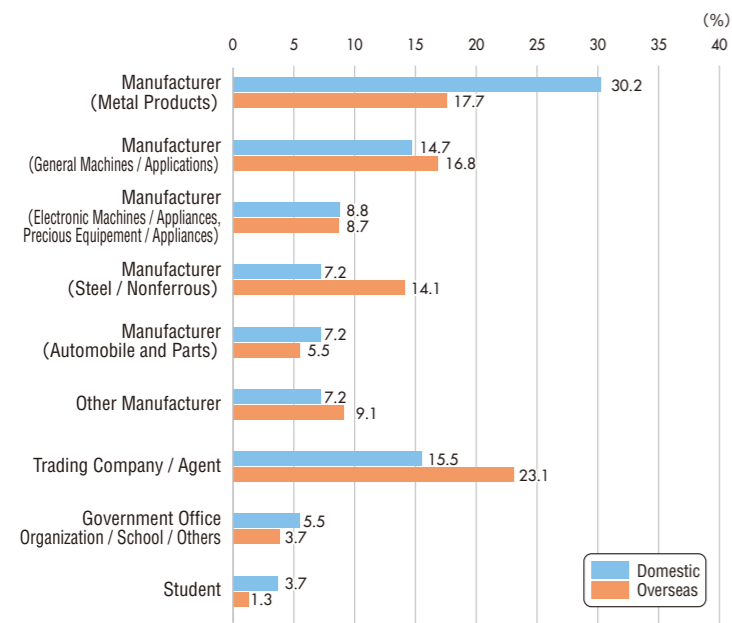
	Weather	Number of Visitors ^{※1} (without double counting)			Number of Visitors ^{※2}		
		Domestic	Overseas	Total Number of Visitors	Domestic	Overseas	Total Number of Visitors
Nov.17 (Thu.)	Clear	21,226	4,119	25,345	21,226	4,119	25,345
Nov.18 (Fri.)	Clear	31,138	2,920	34,058	35,792	5,236	41,028
Nov.19 (Sat.)	Cloudy	37,913	1,987	39,900	44,917	4,381	49,298
Nov.20 (Sun.)	Clear	15,111	1,156	16,267	20,205	2,602	22,807
Nov.21 (Mon.)	Cloudy	16,819	1,020	17,839	21,337	2,044	23,381
Nov.22 (Tue.)	Clear	13,862	331	14,193	18,083	1,046	19,129
Total		136,069	11,533	147,602	161,560	19,428	180,988

※1 Multi-entries counted as one

※2 Multi-entries on the same day counted as one

※All JIMTOF visitors conduct visitor registration

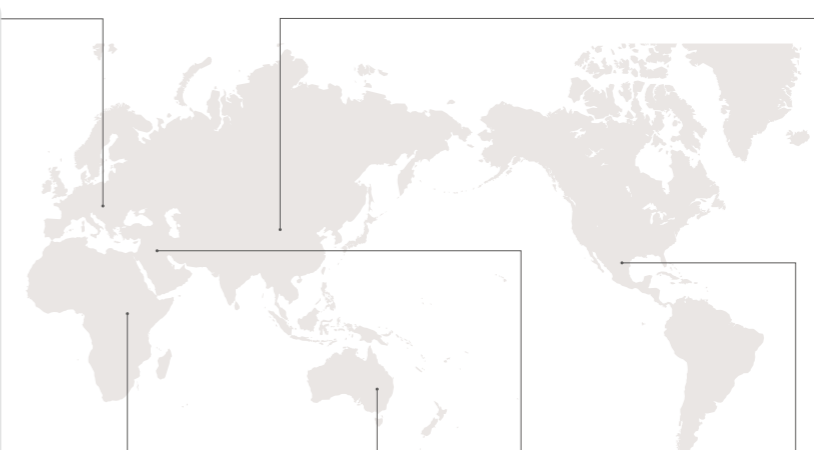
Category by Industry



Category	Number of Visitors	
	Domestic	Overseas
Manufacturer (Metal Products)	41,048	2,036
Manufacturer (General Machines / Applications)	19,986	1,937
Manufacturer (Electronic Machines / Appliances, Precious Equipment / Appliances)	11,975	1,002
Manufacturer (Steel / Nonferrous)	9,754	1,629
Manufacturer (Automobile and Parts)	9,850	635
Other Manufacturer	9,754	1,052
Trading Company / Agent	21,079	2,666
Government Office Organization / School / Others	7,535	429
Student	5,088	147
Total	136,069	11,533

Breakdown of Overseas Visitors

Europe	Total
Germany	307
Russia	149
Italy	145
U.K.	93
France	84
Sweden	52
Switzerland	47
Spain	44
Poland	43
Hungary	37
Finland	35
Denmark	33
Belgium	28
Austria	21
Czech Republic	19
Netherlands	17
Ukraine	12
Norway	12
Latvia	9
Kazakhstan	7
Romania	7
Greece	5
Slovakia	5
Ireland	4
Lithuania	4
Bulgaria	3
Portugal	3
Luxembourg	3
Albania	2
Tajikistan	2
Belarus	2
Kyrgyz	1
Armenia	1
Andorra	1
Serbia	1



Africa	Total
South Africa	6
Kenya	2
Algeria	1
Egypt	1

Middle East	Total
Turkey	45
Israel	28
Iran	7
U.A.E.	3
Jordan	1
Bahrain	1

Oceania	Total
Australia	44
New Zealand	7

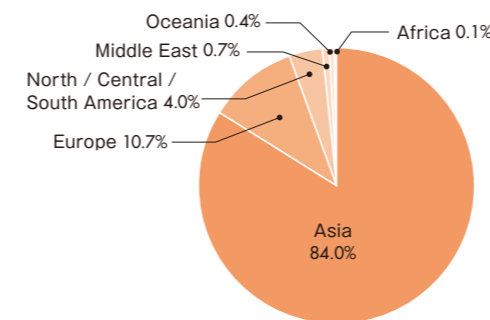
Asia	Total
Taiwan	2,838
China	2,625
Korea	2,433
Thailand	401
India	303
Viet Nam	225
Indonesia	221
Malaysia	207
Singapore	171
Hong Kong	167
Philippines	87
Bangladesh	4
Laos	3
Cambodia	3
Pakistan	3
Mongolia	2
Nepal	1

North / Central / South America	Total
U.S.A.	319
Mexico	81
Brazil	19
Canada	18
Argentina	10
Antigua and Barbuda	1
El Salvador	1
Guatemala	1
Costa Rica	1
Colombia	1
Chile	1
Dominican Republic	1
Commonwealth of Dominica	1

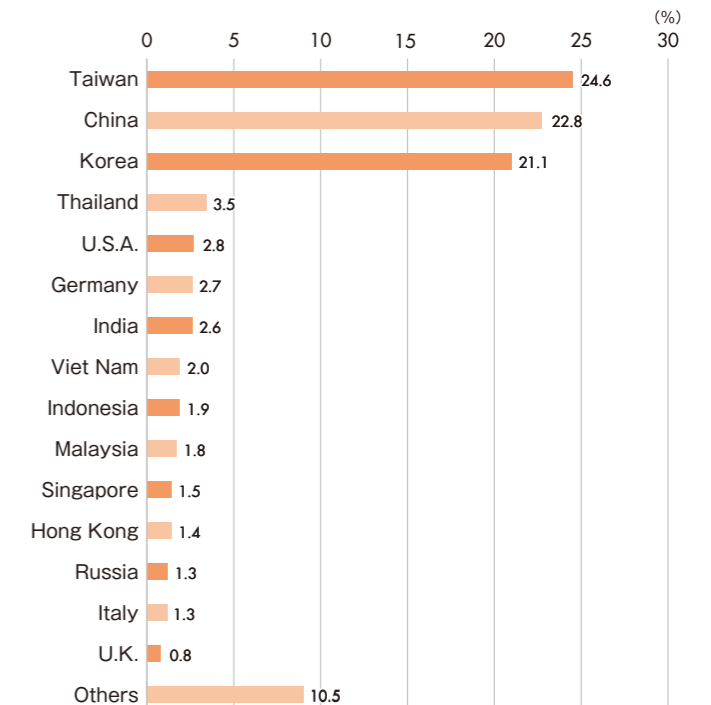
77 Countries and Regions

Total **11,533**

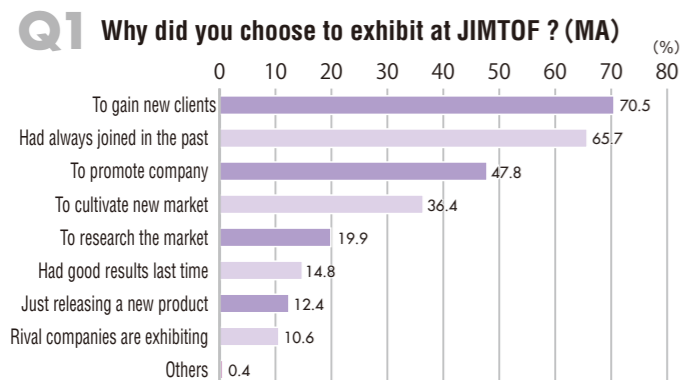
Visitors by Regions



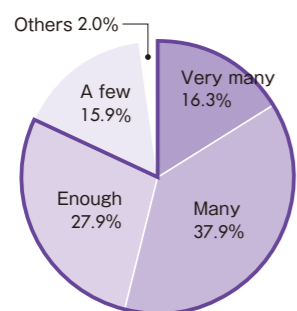
Visitors by Countries / Regions



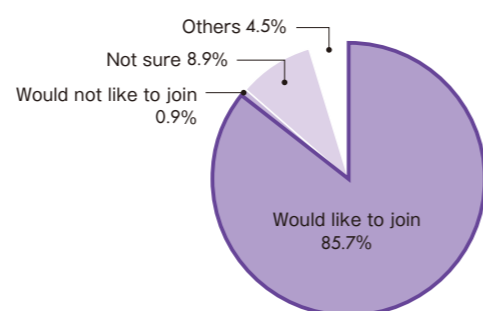
Results of Exhibitor Questionnaire



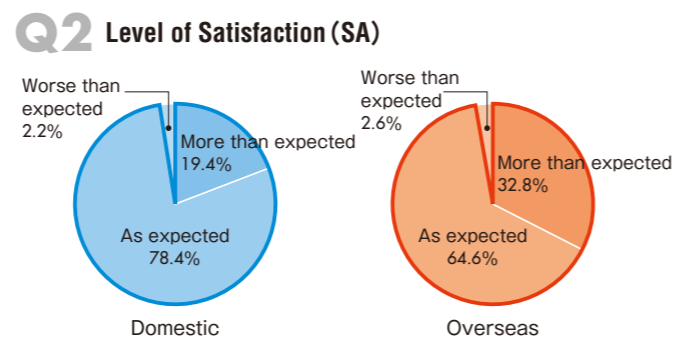
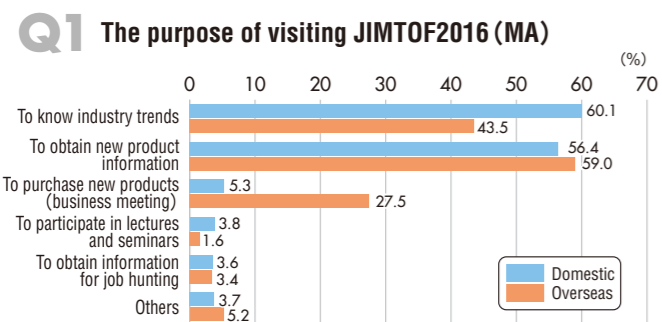
Q3 How many visitors did you have ? (SA)



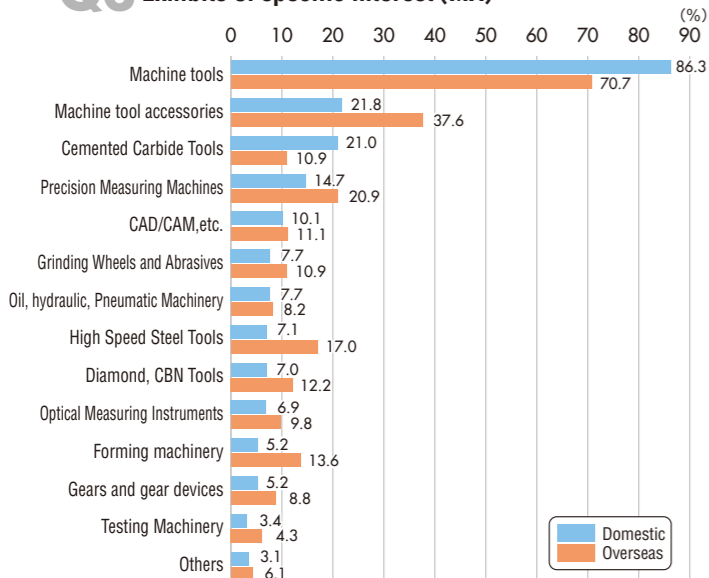
Q4 Would you like to join the next JIMTOF2018 ? (SA)



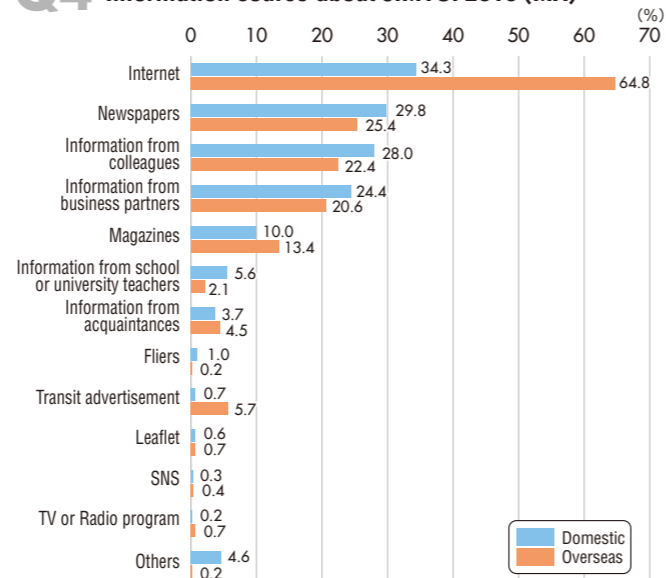
Results of Visitor Questionnaire



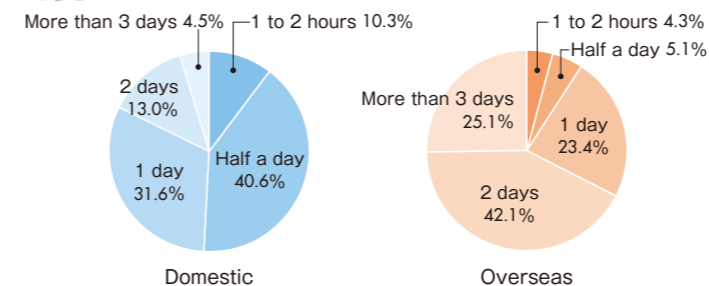
Q3 Exhibits of specific interest (MA)



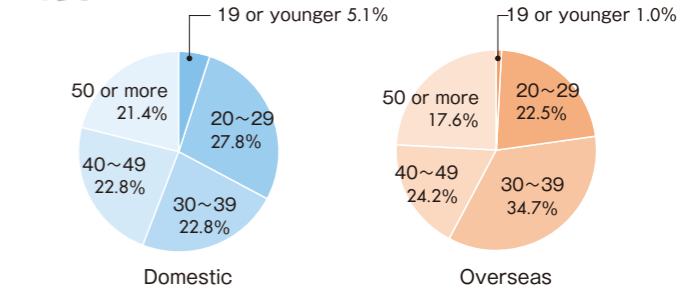
Q4 Information source about JIMTOF2016 (MA)



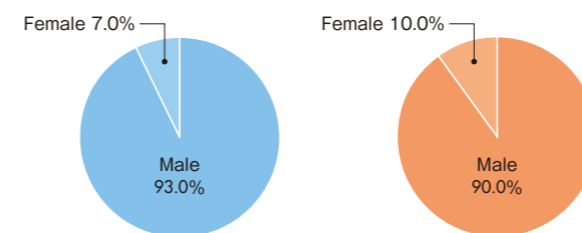
Q5 The Length of time spent at JIMTOF (SA)



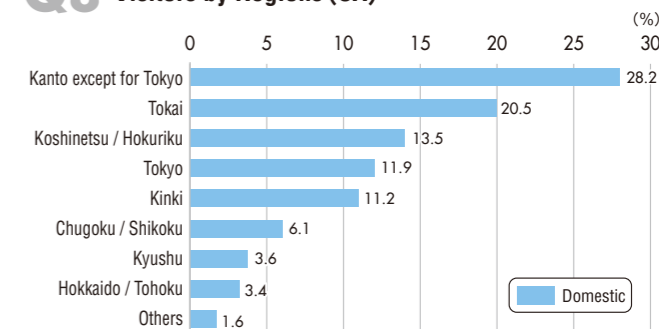
Q6 Age (SA)



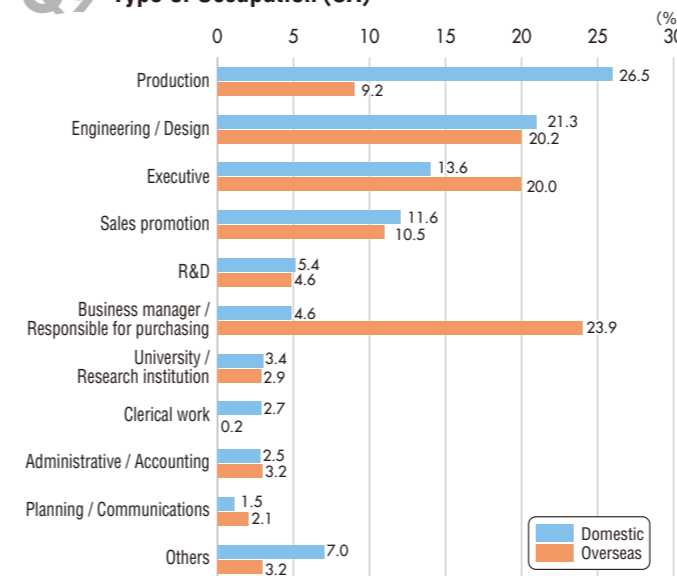
Q7 Sex (SA)



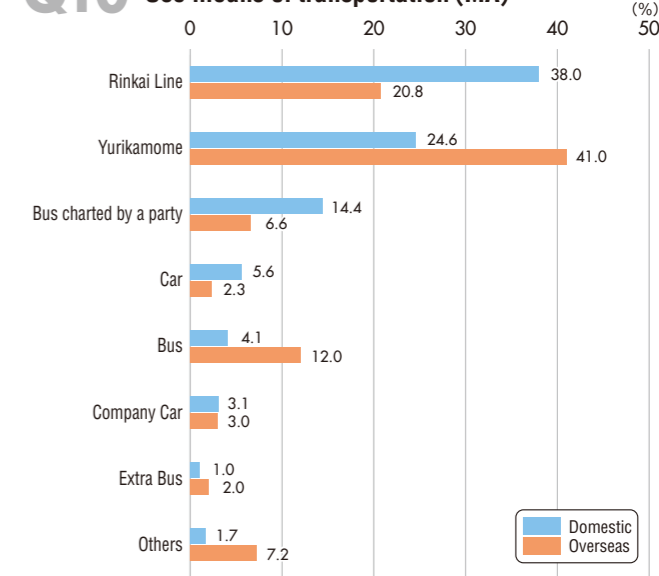
Q8 Visitors by Regions (SA)



Q9 Type of Occupation (SA)



Q10 Use means of transportation (MA)



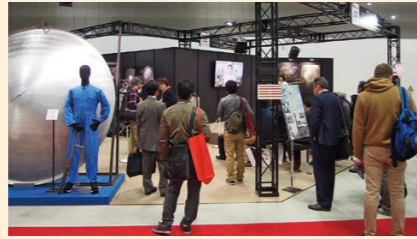
Q11 Feedbacks (Excerpt)

- The use of IoT had progressed further than I'd expected. (Japanese, male, manufacturing and production)
- They always exhibit new technology, so it's great fun. (Japanese, male, student)
- I think it's the biggest exhibition I've ever seen. (Japanese, male, sales and sales promotion)
- It was my first JIMTOF, and everything was better than I'd expected. (Japanese, male, manufacturing and production)
- There were lots of things that went beyond anything I'd seen at school, so the event was full of surprises. (Japanese, male, student)
- It changed my image of machine tools. (Japanese, male, sales and sales promotion)
- There were so many things to see, it was fun. It was great seeing the distinctive presentations at the booths of different companies. (Japanese, female, technology and design)
- It was really interesting to see the ideas that went into the exhibits at each booth. I learned a lot from them. (Japanese, male, sales and sales promotion)
- Seeing the latest processing technologies and their precision allowed me to reaffirm the high level of Japanese technology. (Japanese, male, executive)
- It's the best way to obtain new information. (Japanese, male, research and development)
- There were many machines I'd never seen, so it was very educational. (Japanese, male, technology and design)
- The demos were smooth, easy to listen to and understand. (Japanese, male, manufacturing and production)
- It's not often you see machine tools in action, so it was a really good experience. (Japanese, male, sales and sales promotion)
- I made more discoveries than I expected, so many of the exhibits were better than I'd hoped for. (Japanese, male, research and development)
- The venue has grown, and I think there were more visitors, too. (Japanese, male, research and development)
- A restaurant (JIMTOF KITCHEN) had been built, allowing meals to be eaten conveniently. (Japanese, male, manufacturing and production)
- Information published on JIMTOF Daily is useful, and it's great that they don't have many ads. (Overseas, male, sales and sales promotion)
- There's a great variety of companies with exhibits, with many items to see. (Overseas, male, research and development)
- There are exhibits by all kinds of companies, making it useful to research. (Overseas, female, government office)

Site map

Special Exhibits

1 Metal Spinning ~A relentless challenge to produce highly intricate products involving a display of skill~



Metal spinning, in which a piece of metal is spun and is gradually transformed into the shape of the product using dedicated tools, can be used to machine things that range in size from several millimeters to more than four meters. Hands-on workshops were held as part of this special exhibit, along with a look at Kitajima Shibori Seisakusho's serious attitude toward manufacturing of "not hesitating to give anything a try."
(Cooperation : Kitajima Shibori Seisakusho Co., Ltd.)

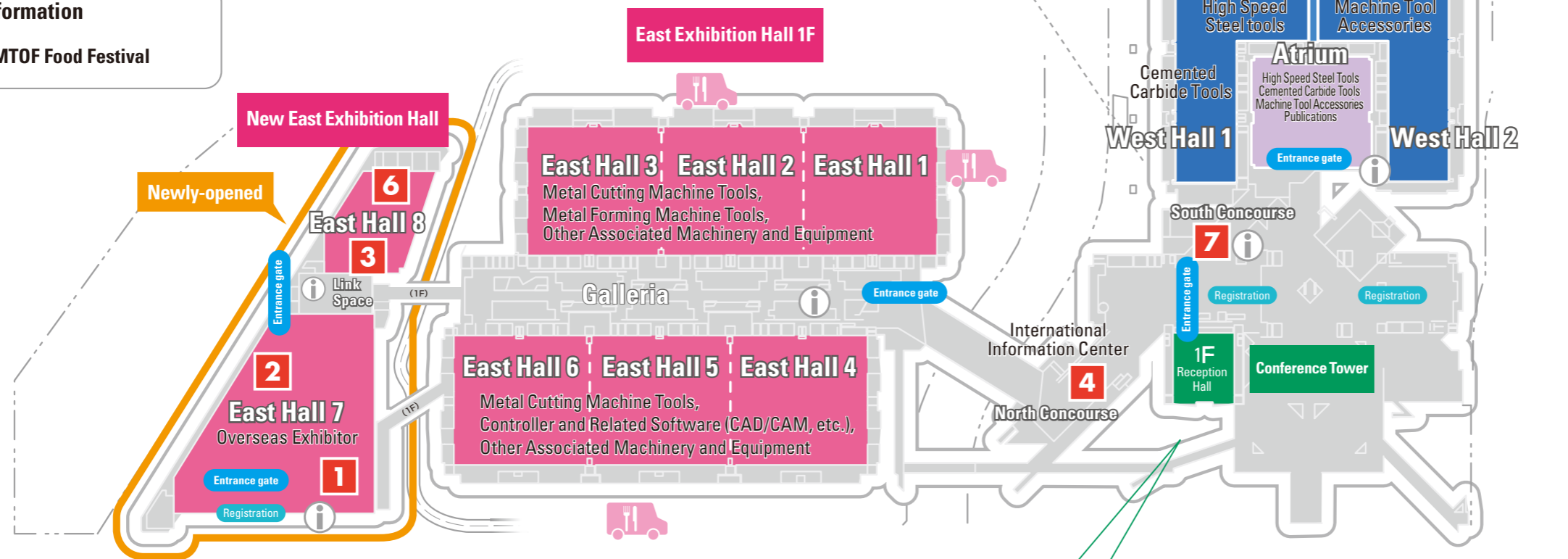
2 Fukui eyeglasses ~A global brand created by combining craftsmanship and machine tool technology~



The glasses industry of Fukui Prefecture developed the world's first lightweight and durable titanium-framed glasses, giving birth to "THE291" brand formed from local brands uniting together. In recent years, companies have been making use of this titanium processing technology in the fields of medicine and electronic devices aimed at the world. The exhibition focused attention on the skills and machine tools of craftsmen who have propped up manufacturing in Fukui for around 100 years to turn it into a global brand. (Cooperation : the Fukui Optical Association)

i Information

🍴 JIMTOF Food Festival



3 The 17th IMEC (The 17th International Machine Tool Engineers' Conference) Poster Session

Ibaraki University, Yokohama National University, Okayama University, Kyoto University, Kanazawa Institute of Technology, Kanazawa University, Keio University, The Graduate School for the Creation of New Photonics Industries, National Institute of Advanced Industrial Science and Technology, Sasebo National College of Technology, Saitama Institute of Technology, Saitama University, Tokyo Metropolitan University, Sophia University, Kobe University, Kanagawa University, Shizuoka University, Shizuoka University of Science and Technology, Setsunan University, Chiba University, Osaka Institute of Technology, Osaka University, Chubu University, Nagaoka University of Technology, Teikyo University, The University of Electro-Communications, Tokai University, Tokyo Institute of Technology, The University of Tokyo, Tokyo Denki University, Tokyo University of Agriculture and Technology, Tokyo University of Science, Tohoku University, The University of Tokushima, Nippon Institute of Technology, Nihon University, National Defense Academy of Japan, Nagoya University, Meiji University, Ryukoku University

1F Reception Hall

- IMEC Oral Session
- Special Seminars
- Special Lecture

6F Conference Rooms 605-608

- Exhibitor Workshops
- Seminars for students

7F International Conference Room

- Keynote Speech
- Special Lecture
- Seminars for students

4 International Information Center (in random order)

European Association of the Machine Tool Industries
Association of the Austrian Machinery & Metalware Industries
The Manufacturing Technologies Association
SWISSMEM
German Machine Tool Builders' Association
STANKOINSTRUMENT
The Association for Manufacturing Technology

Australian Manufacturing Technology Institute Limited
China Machine Tool & Tool Builders' Association
Italian Machine Tools, Robots & Automation Manufacturers' Association
Indian Machine Tool Manufacturers' Association
Korea Machine Tool Manufacturers Association
Taiwan Association of Machinery Industry
Taiwan Machine Tool & Accessory Builders' Association



5 Special Displays

Seize the Victory! Japanese Manufacturing Technologies Supporting World-Class Athletes



Barbells for weightlifting and powerlifting (Offer:UESAKA T-E Co.,LTD)



Sports Wheelchair (Offer:OX ENGINEERING Co.,Ltd.)

6 Business Meeting with Overseas/ Agencies and Buyers

Invitation company
TEKPRO SOLUTIONS(India)
Classic Moulds&Dies(CMD)(India)
PT. UNGGUL SEMESTA(Indonesia)
PAC Vietnam Technology Joint Stock Company(Viet Nam)
SIMSA DE MEXICO S.A. DE C.V.(Mexico)
DKSH (Cambodia)Ltd. (Cambodia)
BARIS POLIMER(Turkey)
MUSTEK(Turkey)
XL CNC MACHINES(India)
The number of business talks 106



7 Catalogue Exhibition Corner



Programs

Keynote Speech · Special Lecture

Keynote Speech

Future Development of Artificial Intelligence and Application to Industrial Machinery

Dr. Junichi Tsujii
Director, Artificial Intelligence Research Center,
National Institute of Advanced Industrial Science and Technology (AIST)
November 17 (Thu.) 13:30-14:30
International Conference Room, Conference Tower 7F



Special Lecture③

Relationships between CFRP and Machine Tools: Processing and Application of CFRP

Dr. Takashi Ishikawa
Designated Professor of Nagoya University, SAMPE Global President
November 22 (Tue.) 11:00-12:00
Reception Hall A, Conference Tower 1F



Special Lecture①

New Vehicle-Manufacturing Advancing Together with Machine Tool Industry

Mr. Yoshihito Kondo
Executive General Manager, Unit Production Engineering Field,
Power Train Company, Toyota Motor Corporation
November 18 (Fri.) 13:00-14:00
International Conference Room, Conference Tower 7F



Special Lecture④

A Japanese contribution to Smart Manufacturing "IVI (Industrial Value Chain Initiative)"

Ms. Hatsuko Kouroku
IVI Evangelist
November 22 (Tue.) 13:30-15:00
International Conference Room, Conference Tower 7F



Special Lecture②

The Global Economy and the Near Future Business Management of the Manufacturing Industry

Dr. Motoshige Itoh
Professor, the Faculty of International Social Sciences,
Gakushuin University and Emeritus Professor, The University of Tokyo
November 21 (Mon.) 13:00-14:00
International Conference Room, Conference Tower 7F



Special Seminar

Seize the Victory! -Japanese Manufacturing Technologies Supporting World-Class Athletes.-

Part 1: Unknown World of Free Weights

UESAKA T·E Co., LTD
Mr. Tadamasa Uesaka



Fitness gym crossfit yoyogi
Mr. Yuki Hiraoka
Weightlifter, competing in the 94 kg and representing Japan at international competitions.
Competed at world championships and has a Japanese record.

Tokyo Big Sight Inc.
Mr. Hiroshi Miura
Powerlifter, a representative athlete of Japan in London Paralympic and Rio Paralympic.
5th place at Rio Paralympic.



Part 2: World's Top-Class Wheelchairs which Takes the World by Storm

M2 Design Laboratory CO., LTD.
Mr. Tohru Ozawa



Japan Para Athletics
Mr. Nobukazu Hanaoka
5th place at the men's wheelchair marathon at the London Paralympics and 6th place at the Athens Paralympics

Accenture Japan Ltd
Ms. Kazumi Nakayama
Wheelchair racer, a representative athlete of Rio Paralympic for 400m(T53)/800m(T53)/1500m(T54)
Has a Japanese record for 100m/200m/400m/800m(T53)



November 20 (Sun.) 14:30-15:45 Reception Hall B, Conference Tower 1F



Seminars for students

Top Seminar by Machine Tool Manufacturers ~Welcome to the Promising Field of Machine Tools~

Lecture①> 100 years of Machine tool

Mr. Keisuke Takeo
President of Karats Precision, Inc.

Lecture②> New industry produced by "Industry 4.0": App store for Machines

Mr. Toshimitsu Kawano
Managing Director of Beckhoff Automation K.K.

Lecture③> Machine tools supporting SUBARU cars and the expectation of the developing technology

Mr. Kuniyuki Kakinuma
General Manager, 3rd Production Engineering Dept., Subaru Manufacturing Div.

Panel discussion> Now and the future as a Machine tools engineer

Mr. Shinji Shimizu
MAMTEC representative / Professor emeritus at Sophia University

November 19 (Sat.) 13:00-16:45
International Conference Room,
Conference Tower 7F



Introductory Seminar "for Students" on the Manufacturing Industry

Opening> Introduction of Machine tool and Manufacturing Industry

Mr. Takekazu Sawa, Dr. Eng.
Associate Professor of SHIBAURA INSTITUTE OF TECHNOLOGY

Lecture①> Introduction of special tools industry and its latest technology

Mr. Makoto Terashima
CEO&President of TOKO CO., LTD.

Lecture②> Welcome to the diamond industry - from tools to its latest research -

Mr. Hiroshi Uetsuka, Ph.D.
General Manager of Research and Development Center, Asahi Diamond Industrial Co., Ltd.

Lecture③> Introduction of gear industry and its technological development

Mr. Toshiharu Kohara
CEO&President of Kohara Gear Industry Co., Ltd.

Closing seminars: "The Effects and Future Potential of Machine Tools on and the World," among others
Coordinated by Ms. Mari Kuraishi, CDA, Mynavi Corporation

November 20 (Sun.) 10:00-12:20
Conference Room 607 · 608, Conference Tower 6F

Exhibitor Workshops

Conference Room 605-606-607-608, Conference Tower 6F

- November 17 (Thu.) MARPOSS K.K. · KURAKI CO. LTD · Moore Tool Company, Inc./Moore Nanotechnology Systems, LLC · MAKINO MILLING MACHINE CO., LTD · HARTING K.K. TOKYO SEIMITSU CO., LTD. · ITOCHU Techno-Solutions Corp.
- November 18 (Fri.) ROKU-ROKU SANGYO, LTD · Euro Techno Inc. · C&G SYSTEMS INC. · NACHI-FUJIKOSHI CORP. · HEIDENHAIN K.K. · GF Machining Solutions Ltd. Kennametal Japan Ltd. · CemeCon AG · ITOCHU Techno-Solutions Corp.
- November 19 (Sat.) Blum-Novotest K.K. · SANDVIK K.K. · NS TOOL CO., LTD. · XEBEC TECHNOLOGY CO., LTD. · DMG MORI CO., LTD · IWATA TOOL Co., LTD · OSG Corporation Oerlikon Nihon Balzers Coating Co., Ltd. · Unipulse Corporation · TELOCK Corporation · UNION TOOL CO. · Ayabo Corporation
- November 20 (Sun.) JBM Corporation · NIKKEN KOSAKUSHO WORKS, LTD. · FUJI BC ENGINEERING CO.,LTD. · CKB CORPORATION · TOWA Corporation
- November 21 (Mon.) DIJET INDUSTRIAL CO., LTD. · Mitsubishi Corporation Technos · Mitsubishi Hitachi Tool Engineering, Ltd. · Drake Manufacturing Services Co., LLC IHI Corporation · Computer Engineering & Consulting, Ltd. · SKF Japan Ltd. · MITSUBISHI MATERIALS CORPORATION

The 17th IMEC (The 17th International Machine Tool Engineers' Conference) Oral Session

Exploring Emerging Technologies of Manufacturing Innovation November 20 (Sun.) 9:10-17:15 November 21 (Mon.) 9:00-17:30 Reception Hall A, Conference Tower 1F

[Program]

November 20 (Sun.)

AM: Keynote Session "World-leading New Technology for the Future"

Keynote Speech> Forefront of Internal-combustion engine development

Mr. Mitsuo Hitomi, Managing Executive Officer, Mazda Motor Corporation (Japan)

Keynote Speech> Innovative Technologies in Tokaido Shinkansen during 50 years(safety and evolution)

Dr. Masaki Seki, President, Futaba Railways Industries co.,Ltd. (Japan)

Keynote Speech> Solar System enabled through Round Voyage Technology

Dr. Junichiro Kawaguchi, Professor, Senior Fellow, Institute of Space and Astronautical Science (ISAS), Japan Aerospace Exploration Agency (JAXA) (Japan)

PM: Technical Session① "Key Technology for Smart Factory"

Keynote Speech> Networked Production - Challenges and Potentials for Manufacturing

Prof. Fritz Klocke, Fraunhofer IPT and WZL RWTH Aachen (Germany)

Speech> Platform for smart factory with IoT technology and activities with CNC and Robots

Mr. Hiroshi Noda, FA Business Division Vice General Manager, Fanuc Corporation (Japan)

Speech> Machine Tool 4.0

Dr. Makoto Fujishima, Senior Executive Officer, Manufacturing/Development /Quality HQ, In charge of Electrical Circuit/Control, DMG MORI SEIKI Co.,Ltd. (Japan)

Speech> Trends and Directions in the Internet of Things and Industrial Internet

Mr. Sky Matthews, Watson IoT Division, IBM (U. S. A.)

November 21 (Mon.)

AM: Technical Session② "Development and Applications of Advanced Composite Materials"

Keynote Speech> Innovation of Carbon Fiber Production Process and Application to Industrial Products

Prof. Kazuro Kageyama, Department of Technology Management for Innovation, School of Engineering, University of Tokyo (Japan)

Speech> The latest developments of the CFRP technology

Prof. Yuji Kageyama, Graduate School of Engineering, Kanazawa Institute of Technology (Japan)

Speech> The feature of the CFRTP "CABKOMA" and the application fields

Mr. Teruhiro Okuya, Director of R&D Dept., KOMATSU SEIREN Co.,Ltd. (Japan)

Speech> The automation technology of trimming and drilling processes for aircraft CFRP parts

Mr. Haruhiko Kakimoto Manager, Metallic Section, Production Engineering Department, ShinMaywa Industries, Ltd. Aircraft Division (Japan)

PM: Technical Session③ "New Machining Technologies for Manufacturing Process Innovation"

Keynote Speech> The Application of a Technological Milling Simulation to the Manufacturing of Titanium Aircraft Structural Parts

Dr. Tobias Surmann, NC-Programming Division, Premium AEROTEC. (Germany)

Speech> Blue Arc™ Technology and the Machine Tool Characteristics for Successful Implementation

Mr. Michael Petracci, Ventures Licensing Division, GE (U. S. A.)

Speech> Additive Manufacturing in Aerospace

Mr. Paolo Gennaro, Strategy and Product Leadership Division, GE Avio S.r.l (Italy)

Speech> Gear cutting technology by universal machine tools that gear skiving function is added

Mr. Hiroyuki Nakano, Office Manager, Machining & Process Engineering Office, Machine Tools & Mechatronics Engineering Dept., JTEKT Corporation (Japan)



Industry Expert Session

Machine Tool Related Software Workshop Organizer: Japan Machine Tool Builders' Association

Special Lecture> The latest robot simulation system

Mr. Edward House Octopuz, Inc CANADA President

November 18 (Fri.) 10:30-16:10
Conference room102, Conference Tower 1F



PR Activities For Visitors

Domestic/Overseas Exhibitions

2015

Mar.3-8	TIMTOS2015 (Taiwan)
Apr.20-25	CIMT2015 (China)
Jun.24-27	Manufacturing Expo 2015 (Thailand)
Aug.13-16	TADTE2015 (Taiwan)
Oct.5-10	EMO MILANO2015 (Italy)
Dec.2-5	Machine Tool Indonesia 2015 (Indonesia)

2016

Apr.11-15	CCMT2016 (China)
Apr.13-17	SIMTOS2016 (Korea)
May.19-21	MACHINERY & ELECTRONICS EXHIBITION KANAZAWA2016 (Japan)
May.23-27	METAL-LOOBROBOTKA 2016 (Russia)
Jul.5-8	MTA VIETNAM2016 (Viet Nam)
Sep.12-17	IMTS2016 (U.S.A.)

Press Conference/Presentation

Domestic	Jul.31,2015	1st Press Conference in Tokyo
	Oct.5,2016	2nd Press Conference in Tokyo

Overseas	Mar.5,2015	TIMTOS2015 (Taiwan)
	Apr.20,2015	CIMT2015 (China)
	Oct.6,2015	EMO MILANO2015 (Italy)
	Apr.12,2016	CCMT2016 (China)
	Apr.14,2016	SIMTOS2016 (Korea)
	Sep.13,2016	IMTS2016 (U.S.A.)

Direct mail and e-mail newsletters

Domestic/Overseas E-mail news letters were issued to JIMTOF2014 and 2016 registered visitors.

Overseas Leaflets were distributed to exhibitors and visitors at overseas exhibitions.

Cooperation by Local Authorities

Local Authorities and associations cooperated to promote JIMTOF2016.

Destination

Prefectures 26

Iwate, Miyagi, Fukushima, Ibaraki, Tochigi, Gunma, Saitama, Chiba, Tokyo, Kanagawa, Niigata, Toyama, Ishikawa, Yamanashi, Nagano, Shizuoka, Aichi, Kyoto, Osaka, Hyogo, Wakayama, Okayama, Hiroshima, Yamaguchi, Fukuoka, Saga

Companies/Organizations 193

Invitation of Overseas Journalists

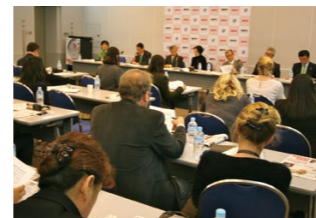
We invited journalists from prominent foreign machine tool media to JIMTOF2016, and requested that articles be published in advance of the event and that these journalists conduct interviews at the JIMTOF2016 venue and attend press conferences.

JIMTOF2016 Exclusive Press Conference for Overseas Media

Nov.19 (Sat.) 10:00-11:00 Conference Room 101, Conference Tower 1F

13 Participants of Media

- Manufacturing Technology & Machine Tools (China)
- MW Metal Cutting Magazine (Metal Products) (China)
- Asia Pacific Metalworking (Thailand)
- EM (Efficient Manufacturing) (India)
- MAV (Germany)
- Technicky Tydenik (Czech Republic)
- MA Magazine (Taiwan)
- MECHANIK (Poland)
- Modern Machine Shop (U.S.A.)
- Taiwan Machinery Monthly (Taiwan)
- Metalworking News (South Africa)
- Manufacturing (Korea)
- Technologie Meccaniche (Italy)



Major Media Visits Media Visits 371 companies (Domestic : 308 companies, Overseas : 63 companies)

Domestic

Asahi Shimbun, Mainichi Shimbun, Sankei Shimbun, Nihon Keizai Shimbun, Nikkan Kogyo Shimbun, TOYO KEIZAI, Nikkei Technology online, CNET JAPAN, Nikkei Big Data, MONOist, mynavi news, OPTRONICS, Seisanzai Marketing, Nihon Butsuryu Shimbun, Kikai & Kogu, NHK, TV ASAHI, BS TBS, Others

Overseas

Quartz Business Media (India), Ringier Trade Media (Taiwan), Media Corporation (Singapore), Advanced Manufacturing Technologies (Spain), i-ZARO GROUP (Spain), GARDNER (U.S.A.), Others

Number of Press Visitors

Period	Number of Press Visitors
Nov.17 (Thu.)	309
Nov.18 (Fri.)	126
Nov.19 (Sat.)	34
Nov.20 (Sun.)	31
Nov.21 (Mon.)	77
Nov.22 (Tue.)	39
Total	616

※Overseas 66

Official Web Site

Number of Visitors

www.jimtof.org

	Number of Visits	Number of Page View
July	35,467	101,715
August	71,708	172,008
September	145,284	470,727
October	210,841	772,339
November	502,786	1,965,640
Total	966,086	3,482,429

※Number of Visits...Number of user's visits to the site

※Number of Page View...Number of page requests of the site

Number of Countries and Regions

(Represent TOP 10,Jul.1-Nov.30)

Countries and Regions	Number of Visits
1 Japan	840,538
2 Taiwan	26,512
3 Korea	19,248
4 China	11,214
5 U.S.A.	10,011
6 India	8,544
7 Germany	5,926
8 Thailand	5,940
9 Indonesia	3,978
10 Italy	2,829

Application

Number of users according to the device

Nov.6 (Sun.) -22 (Tue.)

○Download	6,864
Device: iOS	4,270
Android	2,594
○Number of Access	586,011
Device: iOS	351,182
Android	234,829



Advertising for Visitors

Newspapers/Magazines

General Newspapers

Sep.1	Tokyo Shimbun
Sep.1	Chunichi Shimbun
Sep.1	Nihon Keizai Shimbun
Sep.13	Nihon Keizai Shimbun
Oct.12	Nihon Keizai Shimbun

Industrial/Economic Newspapers

Sep.1	Nikkei Sangyo Shimbun
Sep.1	Nikkan Kogyo Shimbun
Sep.13	Nikkan Kogyo Shimbun
Oct.12	Nikkan Kogyo Shimbun
Oct.13	Nikkei Sangyo Shimbun
Nov.8	Nikkan Kogyo Shimbun
Nov.17	Nikkei Sangyo Shimbun

Domestic Specialized Newspapers

Aug.1	Kaigisho news
Oct.10	Kanagata Shimbun
Oct.20	Shoukei Kikai Shimbun

Economic Magazines

Sep.2	Nikkei Business
-------	-----------------

Domestic Specialized Magazines

Jun.22	Manufacturers Guidebook 2016
Aug.30	Nikkei Monozukuri
Sep.10	Nikkei Business Associe
Sep.20	Nikkei Electronics
Nov.10	Nikkei Business Associe
November	Seisanzai Marketing

Overseas Specialized Magazines

Sep.25,2015	Japan's Manufacturing Technology EMO MILANO 2015
Sep.1,2016	Japan's Manufacturing Technology IMTS2016

Internet

Domestic

Aug.1-Nov.22	Yahoo! Listing
Aug.1-Nov.22	Google Listing
Aug.1-Nov.22	GDN Content Match
Aug.1-Nov.22	GDN Re Marketing
Aug.1-Nov.22	GDN Interest Targeting
Aug.1-Nov.22	GDN Audience
Aug.1-Nov.22	Facebook Link AD
Aug.1-Nov.22	Facebook Page Like AD
Aug.1-Nov.22	The Japan Chamber of Commerce and Industry Web-site Banner

Sep.1	Nikkei BP Active Targeting Mail
Sep.5-11	Nikkan Kogyo Shimbun News Display
Sep.5-11	Nikkei Technology Rectangle
Sep.12-18	Nikkan Kogyo Shimbun Prime Rectangle
Sep.30-Nov.22	Seizougenba.com Web-site Banner

Overseas

Jul.5-	Manufacturers Guidebook 2016Web-site Banner
Aug.1-Oct.31	Google/Baidu Listing
Aug.1-Oct.31	GDN Content Match
Sep.25-Oct.8	YouTube TrueView
Oct.23-Nov.5	YouTube TrueView

Publicity Media

Newspapers/Magazines/TV

Domestic

Nihon Keizai Shimbun, Nikkan Kogyo Shimbun, Fuji Sankei Business i., Niigata Nippo, Nagano Nippo, Toyama Shimbun, TOYO Keizai online, Nikkei, Sankei Biz, Nikkei Technology online, CNETJAPAN, mynavi news, YAHOO!News, NHK [X-technology "SUGOWAZA"], NHK International [NEWSLINE] [NEWSROOM TOKYO], TV ASAHI AbemaTV [Abema News], BS TBS [Biz Street], Others

Overseas

CHUJIDENSHIHO (CHINA), Nikkei Technology online (China), yam news (TAIWAN), Machinery Market (U.K.), MACHINERY (U.K.), MACHINENMARKET (Germany), Others

Major TV broadcasts

NHK WORLD [great gear] Jan.26,2017
 NHK [X-technology "SUGOWAZA"] Jan.21 2017
 NHK WORLD [NEWSLINE], [NEWSROOM TOKYO] Dec.8-9,2016
 TV ASAHI Abema TV [Abema News] Nov.25,2016
 BS TBS [Biz Street] 2017 (To be determined)



Transport Advertising

AD Vision

Nov.14 (Mon.)-20 (Sun.)
 Shinjuku Station/Tokyo Station
 Shinagawa Station

Sheet AD

Nov.16 (Wed.)-22 (Tue.)
 Rinkai Line Kokusai-tenji Station



Official Printed Media



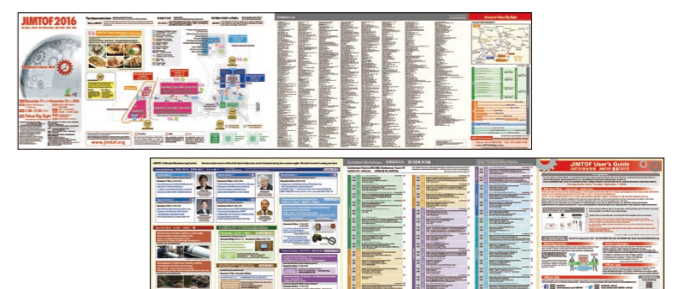
Official Guidebook



GUIDE BOOK for students



Invitation ticket and Leaflet



Guide Map



JIMTOF Daily (Distributed at venue every day during JIMTOF 2016)

