



SHOW REPORT

Date Jan. 29 (Wed.) ▶ 31 (Fri.), 2020

Venue West Hall 2 & Conference Tower, Tokyo Big Sight, Japan

Technical Exhibition for
Optical Devices & Laser Systems

INTERNATIONAL OPTOELECTRONICS EXHIBITION 2020
InterOpto[®] 2020

Cutting-edge IoT System
Technology Exhibition

 MEMS SENSING &
NETWORK SYSTEM 2020

Technical Exhibition for
DUV Market & Application of LED

LED JAPAN^{///}2020

Technical Exhibition for
Image Processing & Sensing

Imaging Japan 2020



All about Photonics / MEMS SENSING &

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All about **Photonics** 2020

Technical Exhibition for Optical Devices & Laser Systems

INTERNATIONAL OPTOELECTRONICS EXHIBITION 2020
interOpto® 2020

Organizer : Optoelectronics Industry and Technology Development Association (OITDA)
 Presented by : JTB Communication Design, Inc.
 Supported by : Ministry of Economy, Trade and Industry (METI)
 Japan External Trade Organization (JETRO), Japan Science Foundation (JSF)
 Manufactured Imports and Investment Promotion Organization (MIPRO)
 In cooperation with : The Society of Instrument and Control Engineers (SICE)
 Communication and Information network Association of Japan (CIAJ)
 The Japan Society for Precision Engineering (JSPE)
 The Institute of Electrical Engineers of Japan (IEEJ)
 Japan Electronics and Information Technology Industries Association (JEITA)
 The Institute of Electronics, Information and Communication Engineers (IEICE)
 The Japan Electrical Manufacturers' Association (JEMA)
 The Japanese Electric Wire & Cable Makers' Association (JCMA)
 Laser Society of Japan
 Japan Laser Processing Society (JLPS)
 The Japan Society of Laser Technology
 Japan Importers Association of Lasers and Electro-Optics (JIAL)
 The Optical Thin-Film Science and Engineering group
 The Optical Society of Japan (OSJ)
 The Japan Society of Applied Physics (JSAP)
 Japan Photonics Council
 Micromachine Center
 (in random order)

Cutting-edge IoT System Technology Exhibition

MEMS SENSING & NETWORK SYSTEM 2020

Organizer : Micromachine Center
 NMEMS Technology Research Organization
 JTB Communication Design, Inc.
 Supported by : Ministry of Economy, Trade and Industry
 Ministry of Education, Culture, Sports, Science and Technology-JAPAN
 New Energy and Industrial Technology Development Organization
 Japan External Trade Organization
 In cooperation with : The Japan Machinery Federation
 Japan Robot Association
 Japan Analytical Instruments Manufacturers' Association
 The Robotics Society of Japan
 Japan Vacuum Industry Association
 Japan Electronics and Information Technology Industries Association
 Japan Society of Next Generation Sensor Technology
 Optoelectronics Industry and Technology Development Association
 (in random order)

Technical Exhibition for DUV Market & Application of LED

LED JAPAN 2020

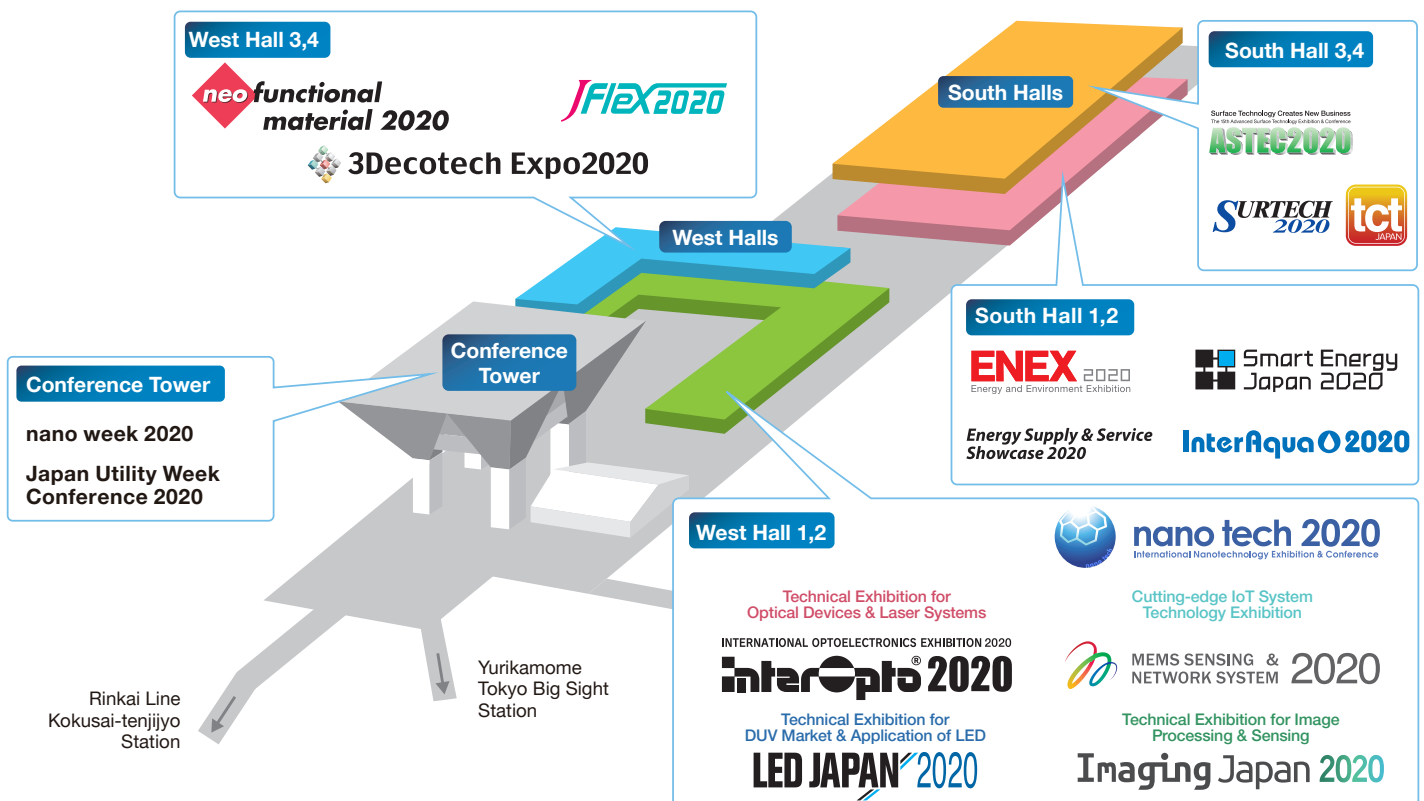
Organizer : JTB Communication Design, Inc.
 Supported by : Japan LED Association (JLEDS)

Technical Exhibition for Image Processing & Sensing

Imaging Japan 2020

Organizer : JTB Communication Design, Inc.

15 Concurrent Exhibitions



NETWORK SYSTEM : Show Report

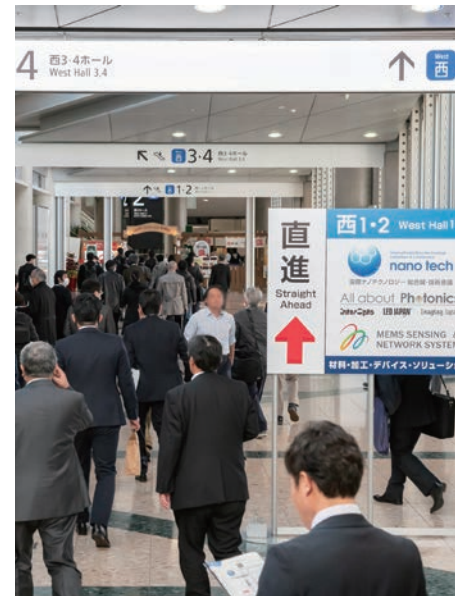
Exhibitors

Booths

188

202

	InterOpto	LED JAPAN	Imaging Japan	MEMS SENSING & NETWORK SYSTEM
Exhibitors	84	17	13	74
Booths	97	14	15	76

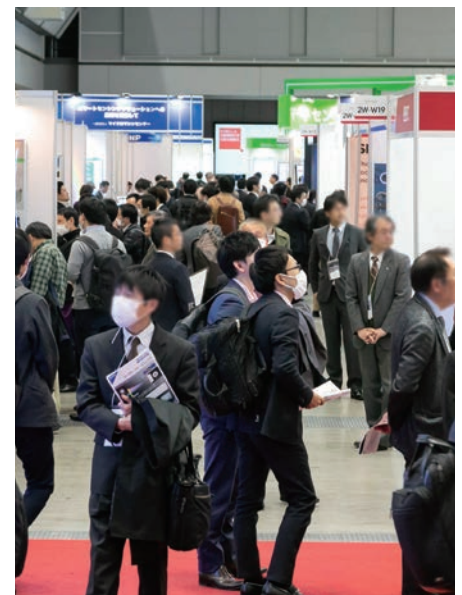


Visitors

47,692

(Includes the concurrent exhibitions)

Date	Weather	The number of visitors
1/29 (Wed.)		13,678
1/30 (Thu.)		16,323
1/31 (Fri.)		17,691



Seminars

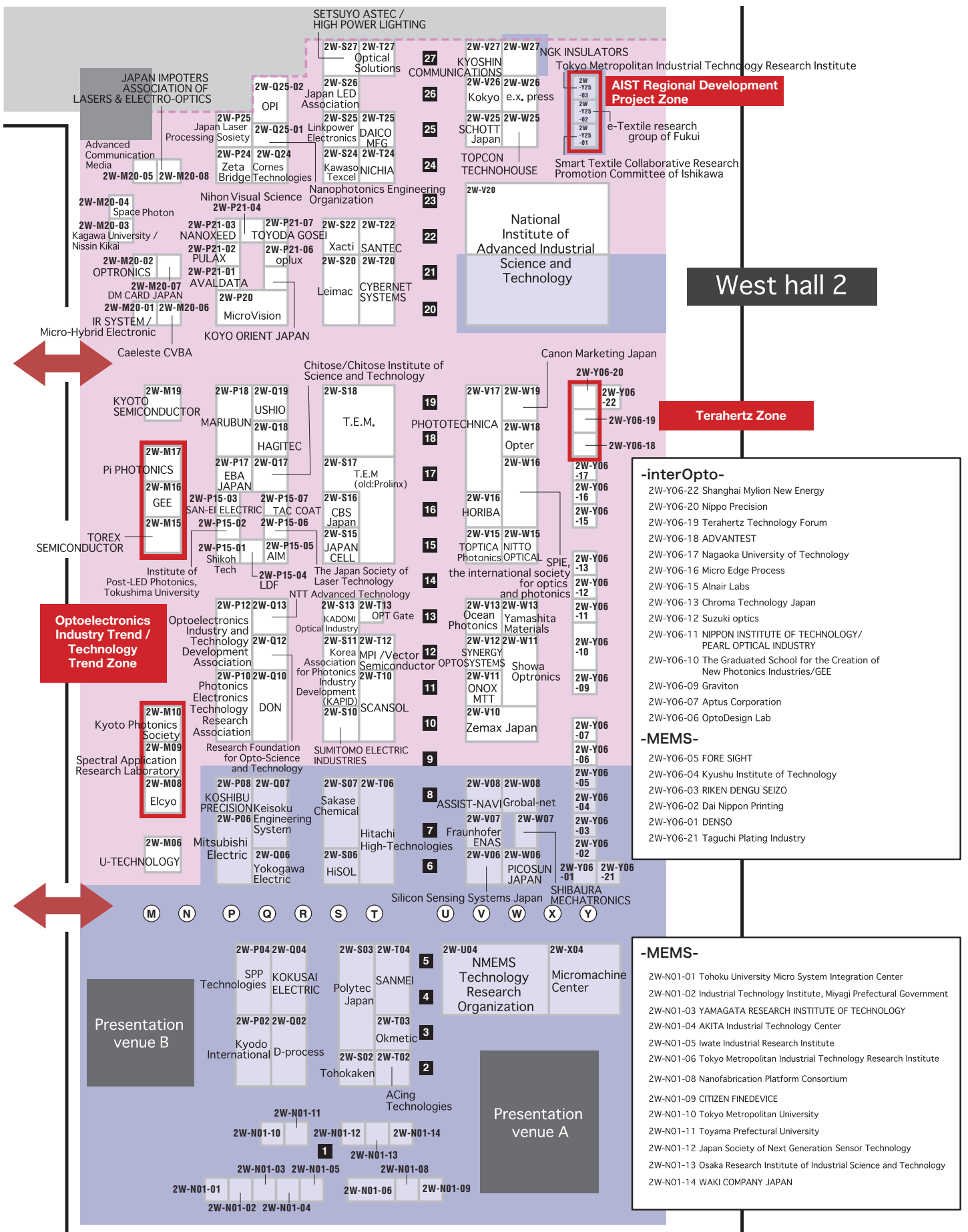
70

Seminar Themes and Organized by :

- Latest Technology Trends on Imaging & Sensing Device Solutions
- Advanced Laser Seminar
- OITDA Seminar: Optical technologies for autonomous driving car
- JLEDS Seminar
- Terahertz Seminar
- JIAL Seminar
- Japan Society of Applied Physics, Photonics Division Seminar
- Special Symposium on Next Generation MEMS Sensing
- MEMS Industry Forum Seminar
- Smart Sensing Network Symposium



Floor Map (West Hall 2, Tokyo Big Sight)



Exhibitor List (Alphabetical Order)

All about **Photonics 2020**

interOpto / LED Japan / Imaging Japan

(Alphabetical order)

A	Advanced Communication Media	2W-M20-05	KYOTO SEMICONDUCTOR	2W-M19	R	Research Foundation for Opto-Science and Technology	2W-Q12	
	ADVANTEST	2W-Y06-18	L	LDF	2W-P15-04	S	SAN-EI ELECTRIC	2W-P15-03
	AIM	2W-P15-05		Leimac	2W-S20		SANTEC	2W-T22
	Alnair Labs	2W-Y06-15		Linkpower Electronics	2W-S25		SCANSOL	2W-T10
	Aptus	2W-Y06-07	M	MARUBUN	2W-P18		SCANLAB	2W-T10
	AVALDATA	2W-P21-01		Micro Edge Process	2W-Y06-16		SCHOTT Japan	2W-V25
C	Caeleste CVBA	2W-M20-06		MicroVision	2W-P20		SETSUYO ASTEC / HIGH POWER LIGHTING	2W-S27
	Canon Marketing Japan	2W-W19		MPI / VECTOR SEMICONDUCTOR	2W-T12		Shanghai Mylon New Energy	2W-Y06-22
	CBS Japan	2W-S16	N	Nagaoka University of Technology	2W-Y06-17		Shikoh Tech	2W-P15-01
	Chitose/Chitose Institute of Science and Technology	2W-Q17		Nanophotonics Engineering Organization	2W-Q25-01		Showa Optronics	2W-W11
	Chroma Technology Japan	2W-Y06-13		NANOXEED	2W-P21-03		Space Photon	
	Cornes Technologies	2W-Q24		National Institute of Advanced Industrial Science and Technology			Meijo University	2W-M20-04
	CYBERNET SYSTEMS	2W-T20		Advanced Coating Technology Research Center	2W-V20		E&E EVOLUTION	
D	DAICO MFG	2W-T25		Electronics and Photonics Research Institute			Spectral Application Research Laboratory	2W-M09
	DM CARD JAPAN	2W-M20-07		Sensing System Research Center			SPIE - the international society for optics and photonics	
	DON	2W-Q10		TIA Central Office			KINOKUNIYA	2W-W16
E	EBA JAPAN	2W-P17		NICHIA	2W-T24		SUMITOMO ELECTRIC INDUSTRIES	2W-S10
	Elcyo	2W-M08		Nihon Visual Science	2W-P21-04		Suzuki optics	2W-Y06-12
	e.x. press	2W-W26		Nippo Precision	2W-Y06-20		SYNERGY OPTOSYSTEMS	2W-V12
G	GEE	2W-M16		NIPPON INSTITUTE OF TECHNOLOGY/PEARL OPTICAL INDUSTRY	2W-Y06-11	T	T.E.M.	2W-S18
	Graviton	2W-Y06-09		NITTO OPTICAL	2W-W15		T.E.M. (old : Prolinx)	2W-S17
H	HAGITEC	2W-Q18		NTT Advanced Technology	2W-Q13		TAC COAT	2W-P15-07
	HORIBA	2W-V16	O	Ocean Photonics	2W-V13		Terahertz Technology Forum	2W-Y06-19
I	Institute of Post-LED Photonics, Tokushima University	2W-P15-02		Optoelectronics Industry and Technology Development Association (OITDA)	2W-P12		The Graduated School for the Creation of New Photonics Industries	2W-Y06-10
	IR SYSTEM / Micro-Hybrid Electroni	2W-M20-01		ONOX MTT	2W-V11		GEE	2W-P15-06
J	JAPAN CELL	2W-S15		OPI	2W-Q25-02		The Japan Society of Laser Technology	2W-P15-06
	JAPAN IMPOTERS ASSOCIATION OF LASERS & ELECTRO-OPTICS	2W-M20-08		OPLUX	2W-P21-06		TOPCON TECHNOHOUSE	2W-W25
	Japan Laser Processing Society	2W-Q25-03		OPT Gate	2W-T13		TOPTICA Photonics	2W-V15
	Japan LED Association	2W-S26		Opter	2W-W18		TOREX SEMICONDUCTOR	2W-M15
K	KADOMI Optical Industry	2W-S13		Optical Solutions	2W-T27		TOYODA GOSEI	2W-P21-07
	Kagawa University / Nissin Kikai	2W-M20-03		OptoDesign Lab	2W-Y06-06	U	USHIO	2W-Q19
	Korea Association for Photonics Industry Development (KAPID)	2W-S11		OPTRONICS	2W-M20-02		U-TECHNOLOGY	2W-M06
	Kawaso Texcel	2W-S24	P	Photonics Electronics Technology Research Association	2W-P10	X	Xacti	2W-S22
	Kokyo	2W-P25		PHOTOTECHNICA	2W-V17	Y	Yamashita Materials	2W-W13
	KOYO ORIENT JAPAN	2W-P21-05		Pi PHOTONICS	2W-M17	Z	Zemax Japan	2W-V10
	KYOSHIN COMMUNICATIONS	2W-V27		Prolinx (Current : T.E.M.)	2W-S17		Zeta Bridge	2W-P24
	Kyoto Photonics Society	2W-M10		PULAX	2W-P21-02			

MEMS SENSING & NETWORK SYSTEM 2020

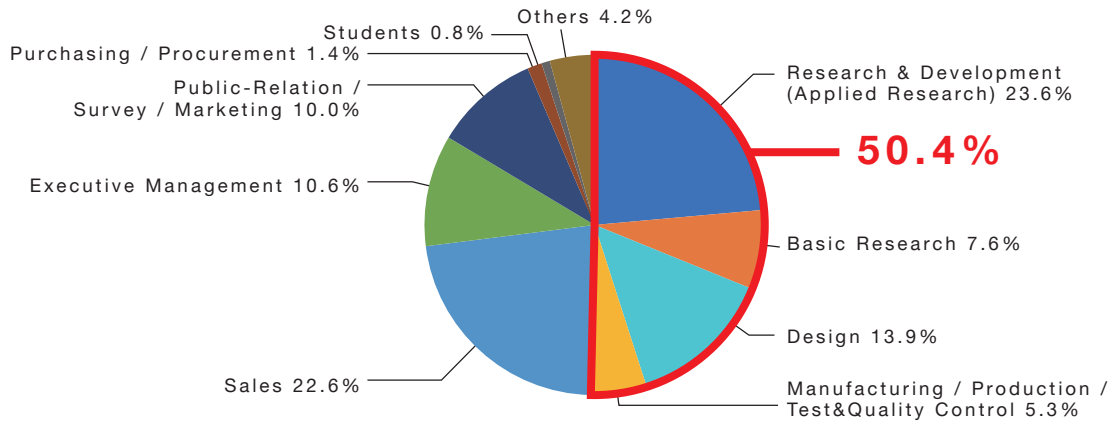
(Alphabetical order)

A	ACingTechnologies	2W-T02	National Institute of Advanced Industrial Science and Technology		SHIBAURA MECHATRONICS	2W-W07
	AKITA Industrial Technology Center	2W-N01-04	Research Center for Ubiquitous MEMS and Micro Engineering		Silicon Sensing Systems Japan	2W-V06
	ASSIST-NAVI	2W-V08	Sensing System Research Center	2W-V20	Smart Textile Collaborative Research Promotion Committee of Ishikawa	
C	Center for Microelectronic Systems, Kyushu Institute of Technology	2W-Y06-04	Human Augmentation Research Centre		Kozumi	
	CITIZEN FINEDEVICE	2W-N01-09	SIP An intelligent knowledge processing infrastructure, integrating physical and virtual domains		TAKENAKA SENI	2W-Y25-01
D	Dai Nippon Printing	2W-Y06-02	NGK INSULATORS	2W-W27	NIPPON ELETEX	
	DENSO	2W-Y06-01	NMEMS Technology Research Organization		HOKURIKU WEB	
	D-process	2W-Q02	Learning-based Smart Sensing System with Ultra-efficient Data Extraction Capability (LbSS)		Ribex	
E	e-Textile research group of Fukui	2W-Y25-02	Hitachi		SPP Technologies	
F	FORESIGHT	2W-Y06-05	Tokyo Electric Power Company Holdings		SPTS Technologies	2W-P04
	Fraunhofer ENAS		ROHM		SPT Microtechnologies USA, Inc.	
	Fraunhofer Project Center NEMS/MEMS Devices and Manufacturing Technologies at Tohoku University	2W-V07	Fuji Electric		Taguchi Plating Industry	2W-Y06-21
G	Global-net	2W-W08	OMRON	2W-U04	Tohokaken	2W-S02
H	HISOL	2W-S06	SAGINOMIYA SEISAKUSHO		Tohoku University Micro System Integration Center	2W-N01-01
	Hitachi High-Technologies	2W-T06	Shizuoka University		MEMS Park Consortium	
I	Industrial Technology Institute, Miyagi Prefectural Government	2W-N01-02	Micromachine Center		Tokyo Metropolitan Industrial Technology Research Institute	2W-N01-06
	Iwate Industrial Research Institute	2W-N01-05	THE UNIVERSITY OF TOKYO		Tokyo Metropolitan Industrial Technology Research Institute	2W-Y25-03
J	Japan Society of Next Generation Sensor Technology	2W-N01-12	Central Research Institute of Electric Power Industry		Tokyo Metropolitan University	2W-N01-10
K	Keisoku Engineering System	2W-Q07	TAKAOKA TOKO		Toyama Prefectural University	2W-N01-11
	KOKUSAI ELECTRIC	2W-Q04	Okmetic	2W-T03	WAKI COMPANY JAPAN	2W-N01-14
	KOSHIBU PRECISION	2W-P08	Osaka Research Institute of Industrial Science and Technology	2W-N01-13	YAMAGATA RESEARCH INSTITUTE OF TECHNOLOGY	2W-N01-03
	Kyodo International		PICOSUN JAPAN	2W-W06	Yokogawa Electric Corporation	2W-Q06
	Silex Microsystems	2W-P02	Polytec Japan	2W-S03		
M	Micromachine Center	2W-X04	REJ			
	Mitsubishi Electric	2W-P06	RIKEN DENGU SEIZO	2W-Y06-03		
N	Nanofabrication Platform Consortium	2W-N01-08	Sakase Chemical	2W-S07		
			SANMEI	2W-T04		

Visitor Analysis (From the visitor questionnaire)

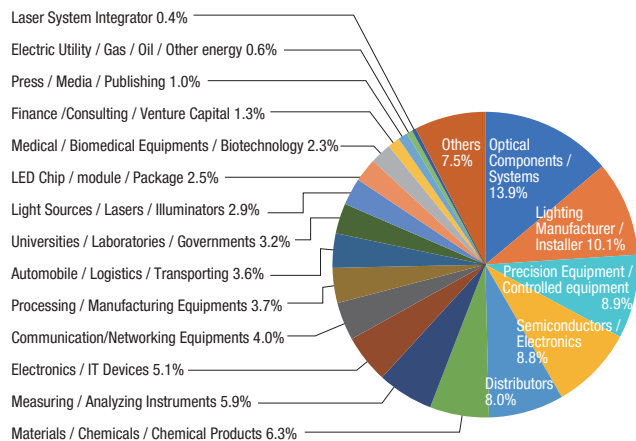
Visitors' Job Descriptions (All about Photonics / MEMS SENSING & NETWORK SYSTEM)

Approximately 50% of the visitors are working in R&D, Manufacture, and Design.

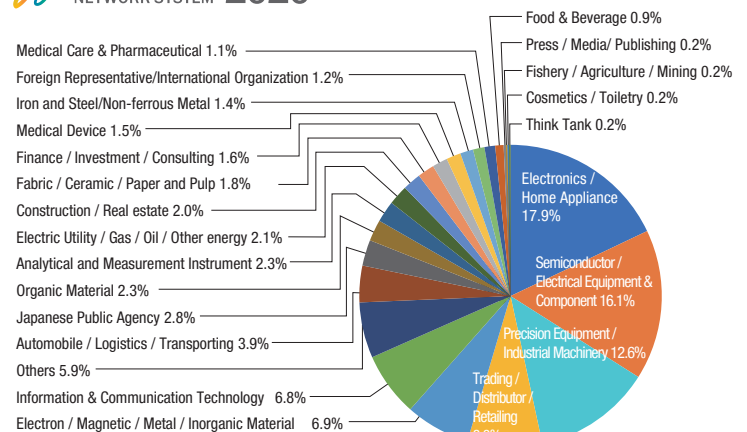


Visitors' Industries A diverse range of visitors came together to create new business opportunities.

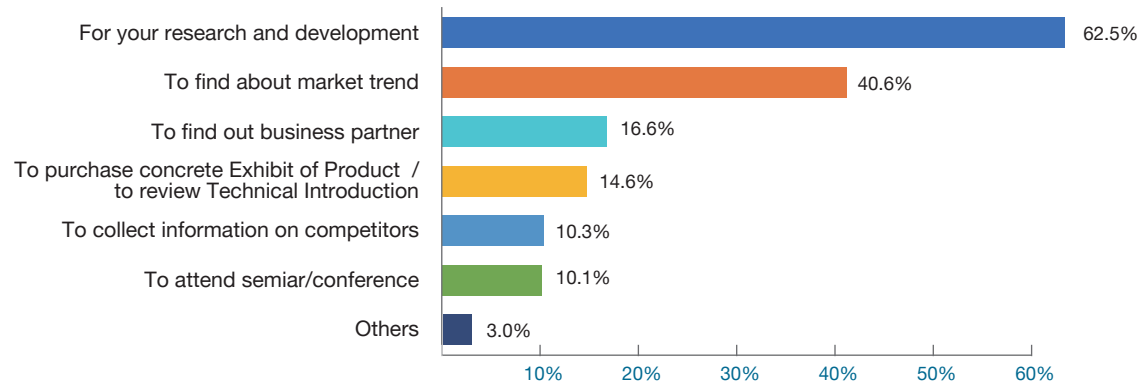
All about **Photonics 2020**



MEMS SENSING & NETWORK SYSTEM 2020



Visitor Purpose multiple answers



Many visitors realized concrete visiting results, such as getting contacts with exhibitors through business meetings.

Top product / technology keywords that visitors were looking for



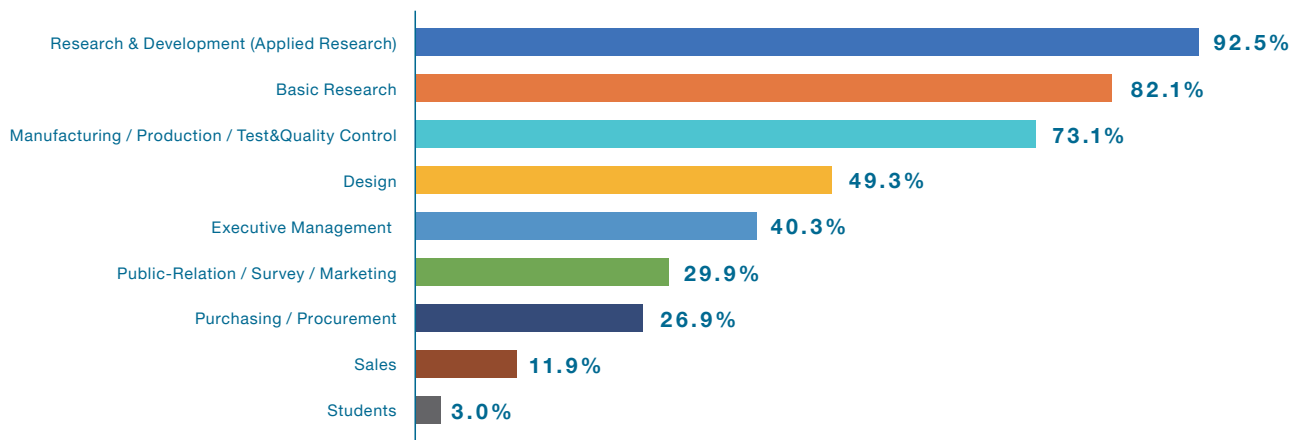
- | | | | | |
|--------|------------------------|-------|-----------|-----------------|
| Laser | Microfabrication | LED | LiDAR | Sensor |
| Lenses | Camera | Glass | Terahertz | Imaging systems |
| MEMS | Ultraviolet / Infrared | OCT | Polishing | Nano material |

Exhibitor Analysis (From the exhibitor questionnaire)

Targeted visitors' job category by exhibitors (AAP+MEMS)



multiple answers

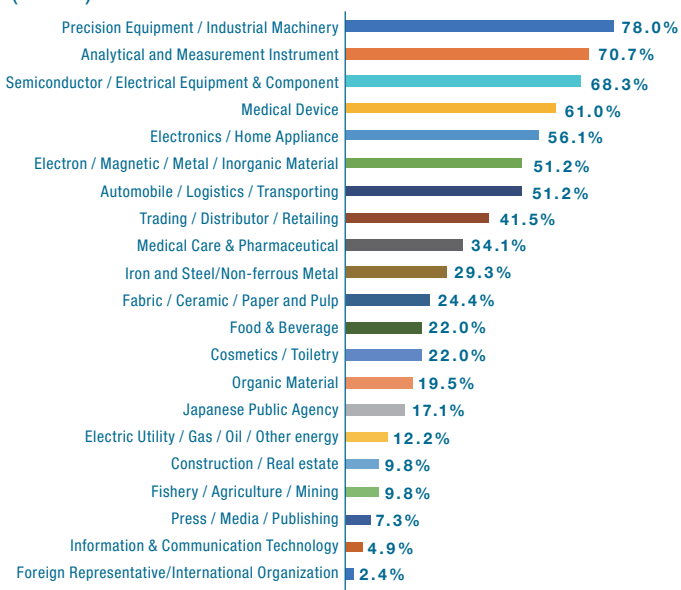


Targeted visitors' category of industry by exhibitors

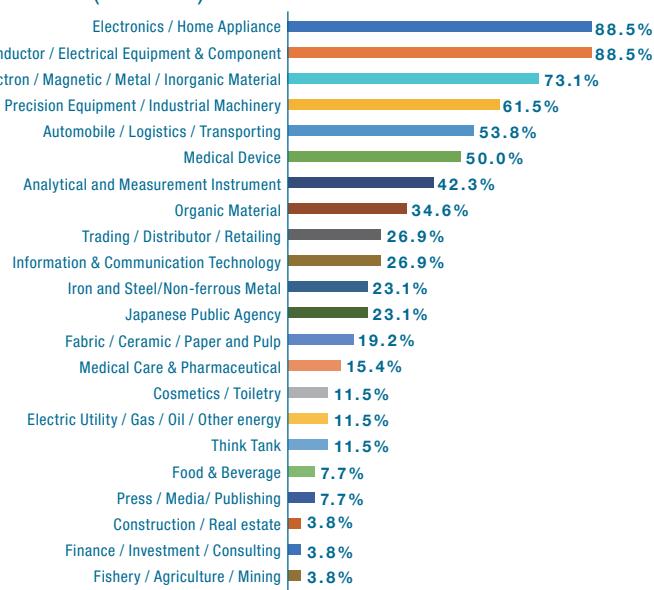


multiple answers

(AAP)



(MEMS)



Results achieved by exhibiting



multiple answers



Found potential customers and new partners for development / manufacturing / distribution

Total
61.1%

Can expect orders in the future / Received inquiries of orders of the products or services

Total
74.6%

Promotion

■ Invitation Flyers

over **200,000** distributed



Directly posted to previous participants and distributed in many related companies, public institute, and related exhibitions.

■ Advertisements

OPTRONICS, Hikari Alliance, Aperza Automation News, Electronic Device Industry News, NIKKAN KOGYO SHIMBUN



■ E-mail News Letters

over **40,000** sent



OPTRONICS, Advanced Communication Media, Aperza, Kokyo, DM Card Japan, Japan Laser Processing Society, JLEDS

■ Media Partners



■ Business Matching System

The perfect way to easily and efficiently meet potential customers and technology partners: simply register your information before the event, and approach your targeted companies or organizations (exhibitor and/or visitor) to meet with in advance.

Key Features



Advanced search features



Send messages



Get recommendations for participants to meet



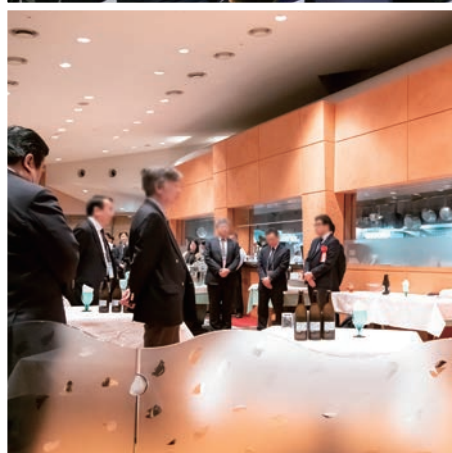
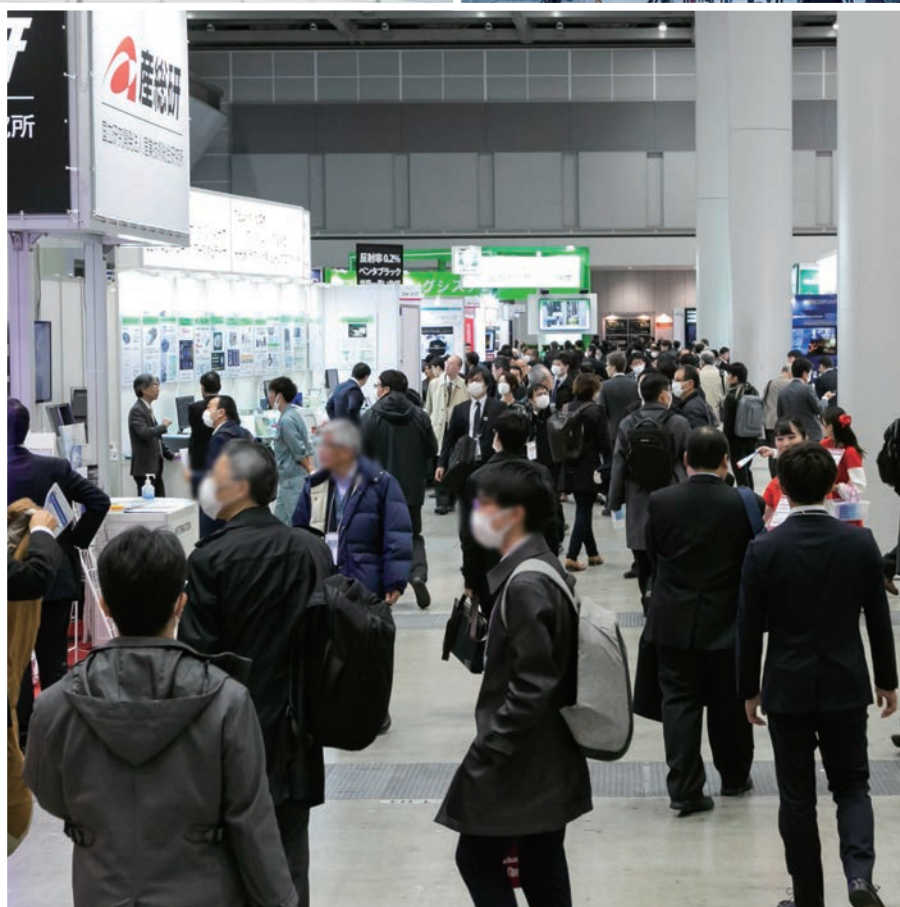
Automatic scheduling

■ Networking Reception

On the occasion of <All about Photonics 2020> interOpto 2020 / LED Japan 2020 / Imaging Japan 2020 and MEMS SENSING & NETWORK SYSTEM 2020, Networking Reception was held on Wednesday, January 29, 2020 from 5:30 p.m. to 7:00 p.m. at Restaurant AI Porto, Conference Tower 8F, Tokyo Big Sight.



Highlights



All about Photonics 2021

INTERNATIONAL OPTOELECTRONICS EXHIBITION 2021
InterOpto2021

LED JAPAN 2021

Imaging Japan 2021



**MEMS SENSING &
NETWORK SYSTEM 2021**

<https://www.optojapan.jp/aap/en/>

<https://www.optojapan.jp/mems/en/>

NEXT SHOW

Date

Jan. 27 Wed.-29 Fri., 2021

Venue

East Halls & Conference Tower, Tokyo Big Sight, Japan

Concurrent Exhibitions



■ Contact

c/o JTB Communication Design, Inc.

Secretariat of All about Photonics / Secretariat of MEMS SENSING & NETWORK SYSTEM

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