



MEMS SENSING &
NETWORK SYSTEM 2023

MEMS SENSING & NETWORK SYSTEM 2023 SHOW REPORT

Jtb Communication Design

MEMS SENSING & NETWORK SYSTEM 2023 Outline

■ Date & Venue:

Feb. 1 (Wed.) – Feb. 3 (Fri.) 2023, 10:00-17:00
Tokyo Big Sight East Halls and Conference Tower

■ Online Exhibition:

Dec. 1 (Thu.), 2022 – Feb. 28 (Tue.), 2023

■ Organizer: Micromachine Center

NMEMS Technology Research Organization
JTB Communication Design, Inc.



Number of Visitors
(incl. online visitors)

40,170

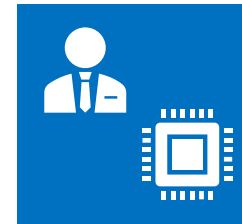
(Concurrent Events total)



Number of Visitors
(onsite @Tokyo Big Sight)

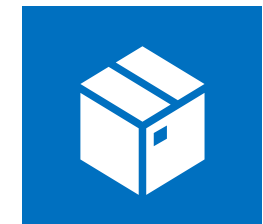
31,137

(Concurrent Events total)



Number of
Exhibitors

37



Number of
Booths

39.5

4m² count as 0.5

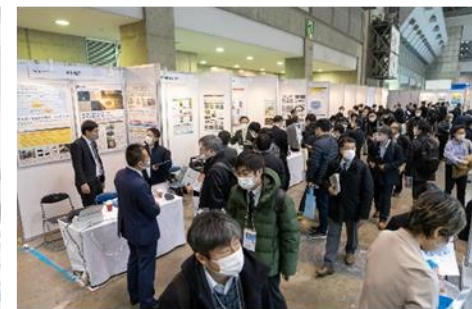
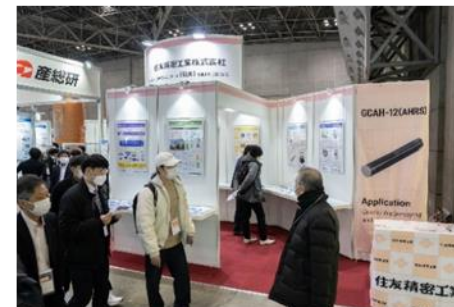
■ Concurrent Events (13 exhibitions)



EXHIBITORS LIST

Exhibitor Search | MEMS SENSING & NETWORK SYSTEM 2023 (jcdbizmatch.jp)

Exhibitor	Booth No.
ACingTechnologies	1D-20
AKITA Industrial Technology Center	1A-16-10
Ball Wave	1A-16-08
CITIZEN FINEDEVICE	1F-20
CITIZEN ELECTRONICS	
CITIZEN WATCH	
DENSO	1A-16-06
D-process	1E-16
Fraunhofer Institute for Electronic Nano Systems ENAS	2L-27
Global Net	1C-23
International Research Organization for Science and Technology, Kumamoto University	1C-22-03
KANSAI UNIVERSITY	1C-22-02
KEISOKU ENGINEERING SYSTEM	1C-16
KOSHIBU PRECISION	1E-19
KYOCERA	1A-16-05
Kyodo International	1D-17
Micromachine Center	1E-22
MIRISE Technologies Corporation	1A-16-07
NANOXEED	1A-16-03
National Institute of Advanced Industrial Science and Technology, Minimal IoT Device Prototyping Laboratory	1B-14
National Institute of Advanced Industrial Science and Technology, Human Augmentation Research Center	1D-13
National Institute of Advanced Industrial Science and Technology, Sensing System Research Center	
NEOARK	1E-20
ROKKO ELECTRONICS	1A-16-12
SUMITOMO PRECISION PRODUCTS	1A-13
Taguchi Plating Industry	1A-16-01
TDC	1C-19
TOHOKAKEN	1C-20
Tohoku University Micro System Integration Center	1D-19
MEMS PARK CONSORTIUM	
TOYAMA Prefectural University	1C-22-01
TOYO PRECISION PARTS MFG.	1C-17
Waki Company Japan	1A-16-02
Yamagata Research Institute Of Technology	1A-16-11
Yitoo Micro Technology	1A-16-04
ZHEJIANG LANTE OPTICS CO.,LTD.	1D-23
Zuken	1A-16-09



FLOOR MAP of East Halls 1-3

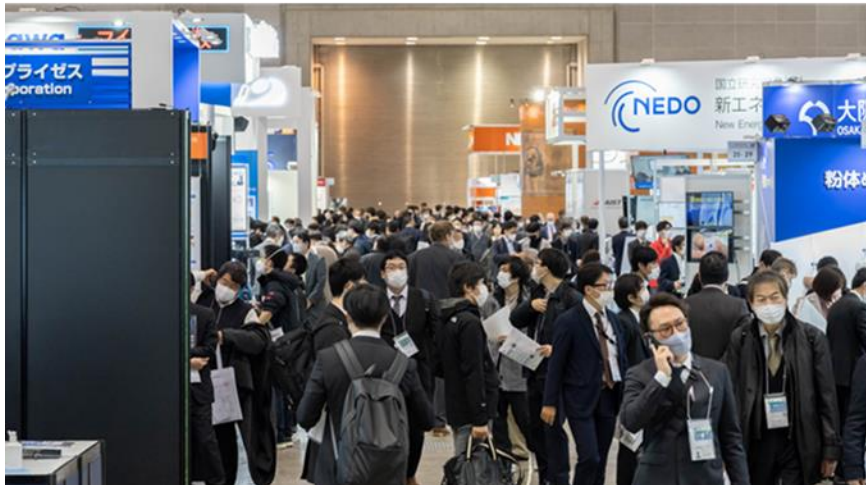
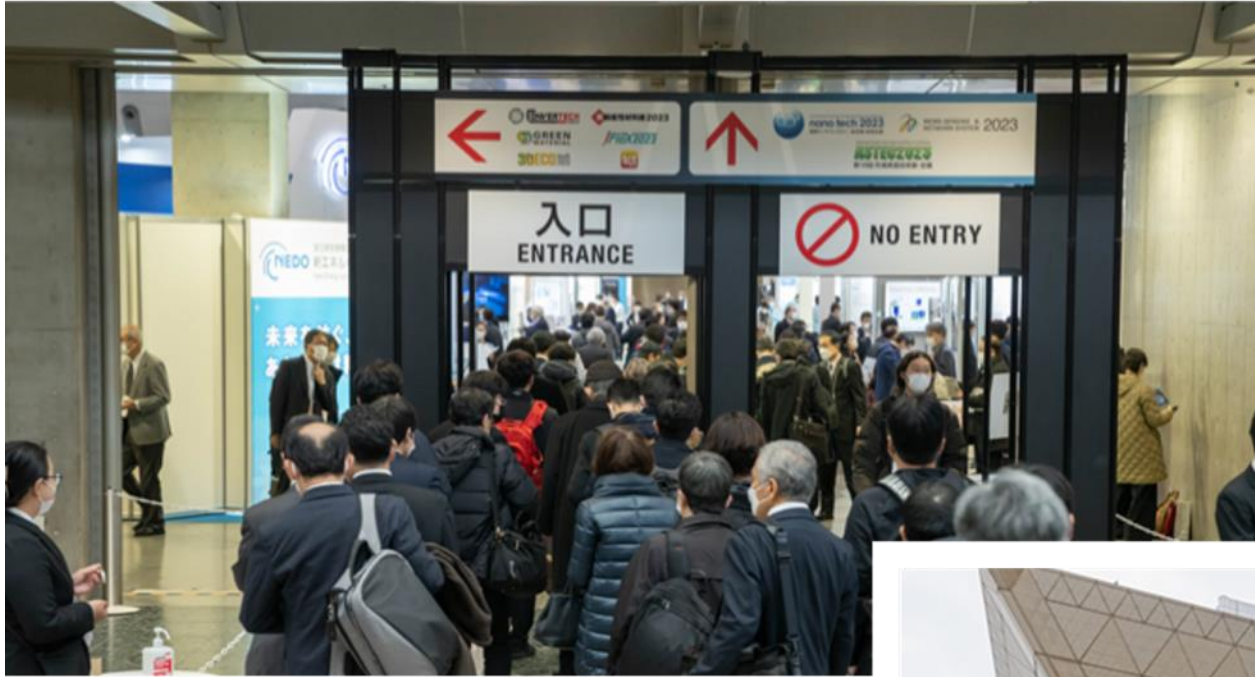
[nanotech2023_floormap_east1-3_0120\(optojapan.jp\)](http://nanotech2023_floormap_east1-3_0120(optojapan.jp))



As of January 20, 2023.

MEMS Exhibition area is indicated in green.

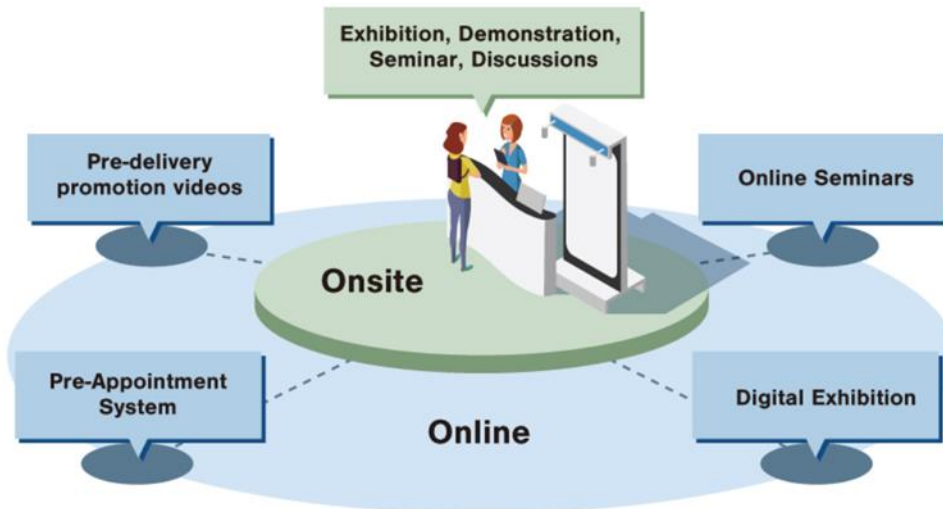
■ Highlights



■ Hybrid-style Exhibition

With in-person business event being restricted by the Corona Disaster, the exhibition was held in a hybrid format of a conventional exhibition centered on booths and online services as a measure to prevent exhibitors from losing business opportunities. The functions have been expanded since the previous show to improve the satisfaction level of online exhibitors.

Maximize each and every business opportunities.



Points of Hybrid Exhibition

Increased opportunities to research latest information

Conventional Onsite Exhibition

- Presentations at exhibitor's booths
- Face-to-Face Product Demonstration
- Provided novelties such as pamphlets
- Onsite Seminars



Digital Exhibition

- Visitors:
- Collecting substantial information
 - Attending Online seminars is available
- Exhibitors:
- Posting of Materials & Videos of exhibited products.
 - Promotion at online seminars

Increased opportunities for business discussions

Conventional Onsite Exhibition

- Face-to-Face discussions at the booths
- Networking and Serendipitous encounters at the venue

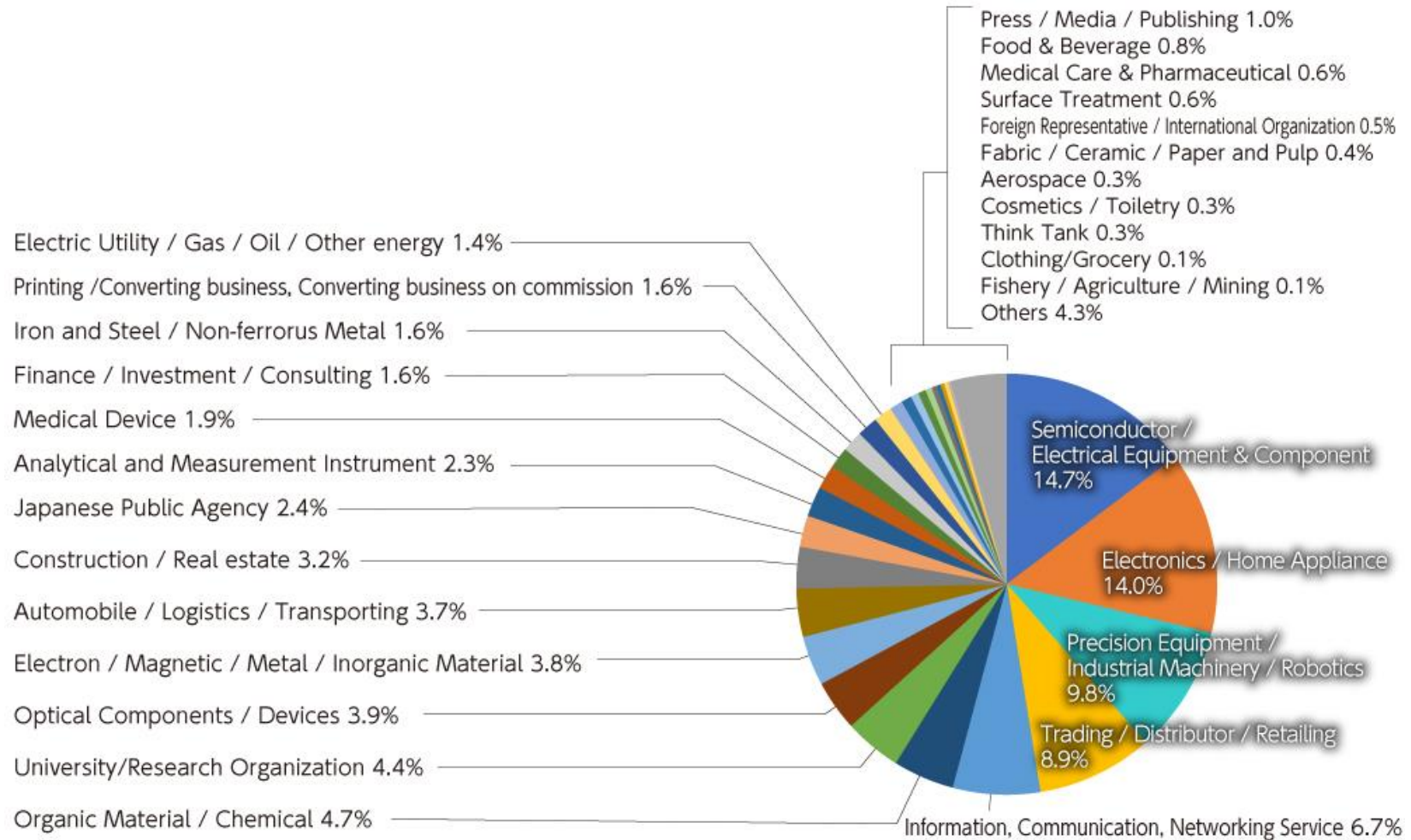


Digital Exhibition

- Set up business discussions before the event with the Business Matching System

Business Matching System ▶

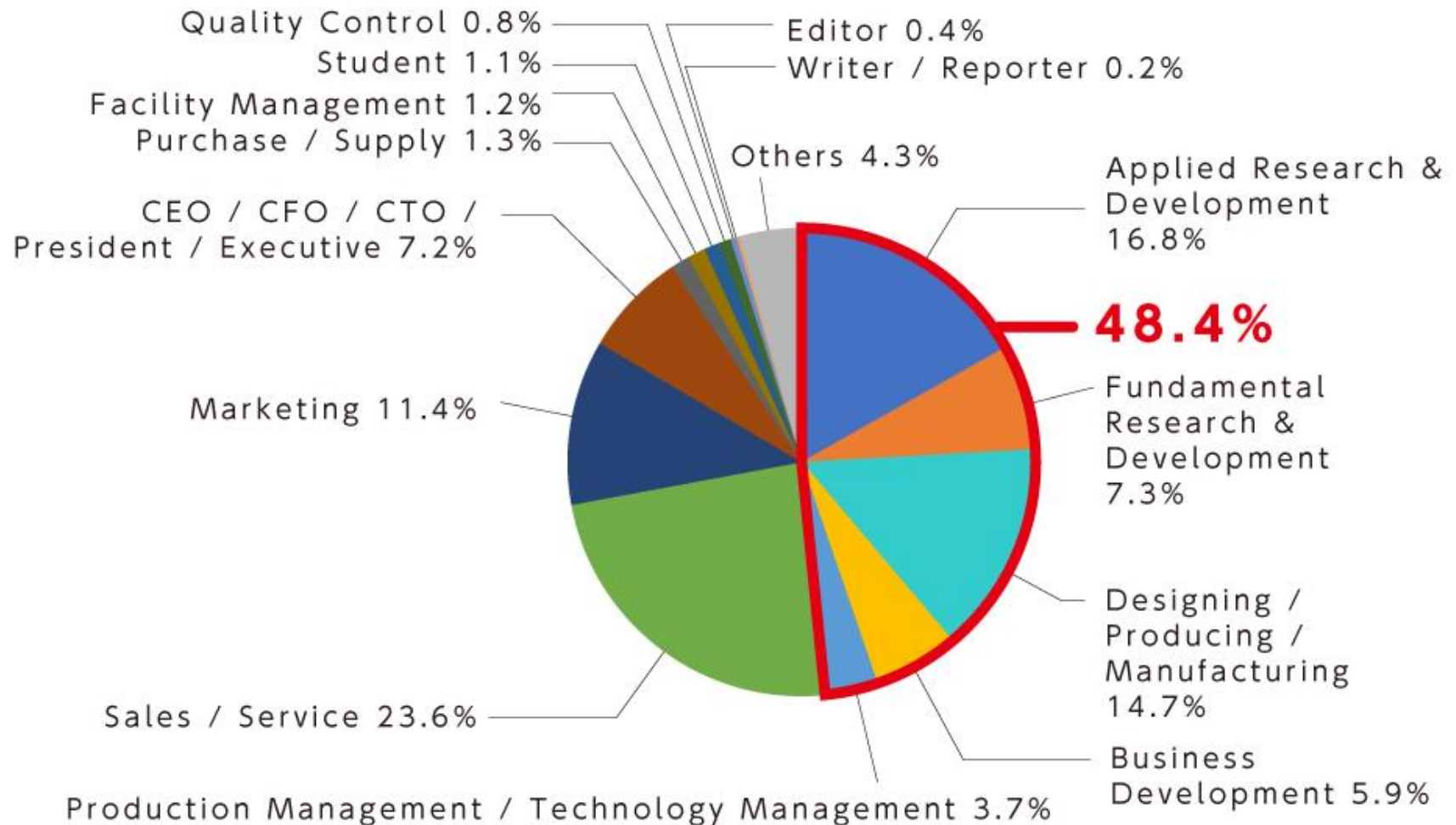
MEMS2023 Visitors Industries



Feature 1 : Visitor Industries fit the exhibitor's targeted industries.

- 1st : Semiconductor/ Electrical Equipment & Component
- 2nd : Electronics/ Home Appliance
- 3rd : Precision Equipment/ Industrial Machinery/ Robotics

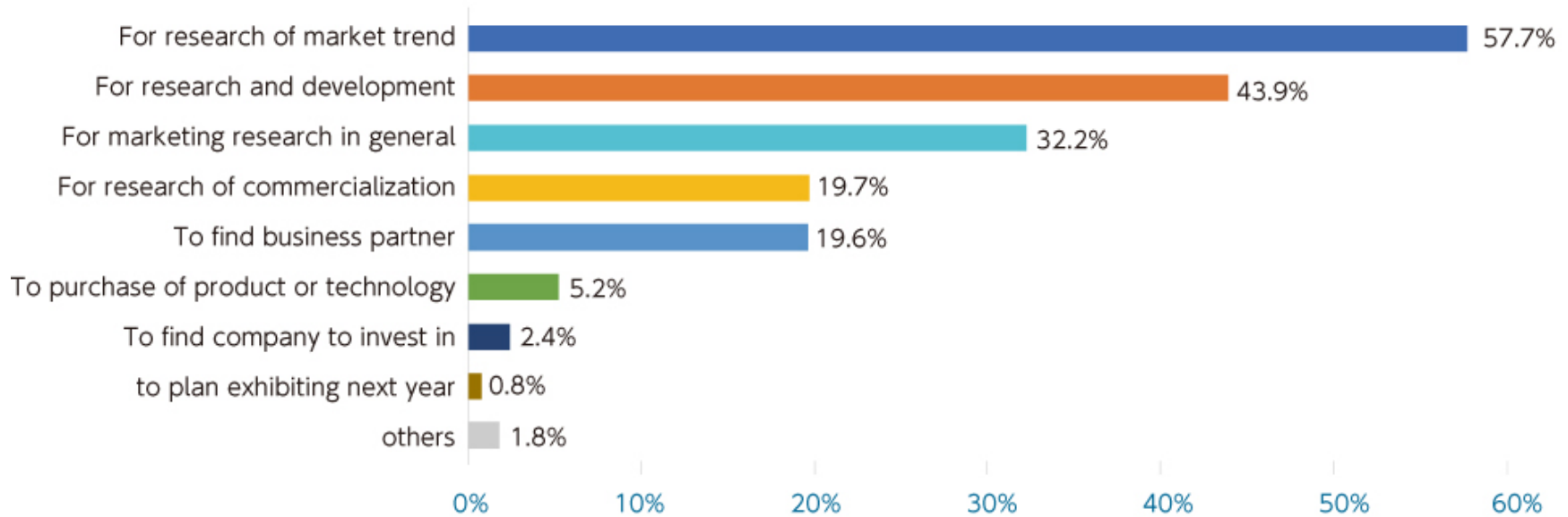
MEMS2023 Visitors Job Descriptions



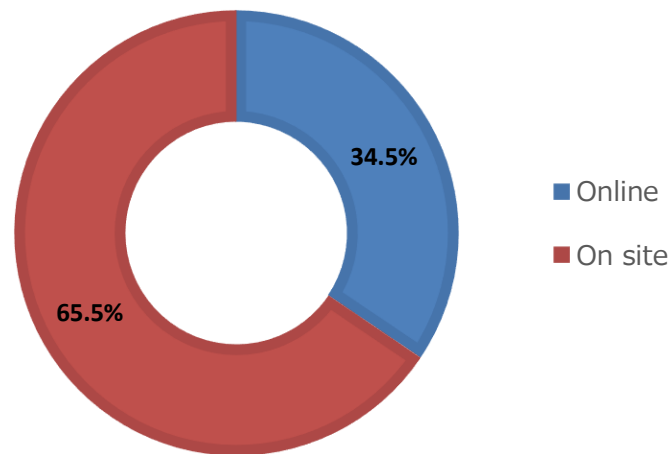
Feature 2 :

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

MEMS2023 Visitor Purpose



Ways of participation



MEMS2023 Participating companies pick up!

Semiconductor / Electrical Equipment & Component	Electronics / Home Appliance	Precision Equipment / Industrial Machinery / Robotics
ALPS ALPINE CO., LTD.	CANON ELECTRONICS INC.	Ayumi INDUSTRY CO.,LTD.
Asahi Kasei Microdevices Corporation	CASIO COMPUTER CO., LTD.	Azbil Corporation
Dai Nippon Printing Co., Ltd.	Mitsubishi Electric Corporation	Eagle Industry Co., Ltd.
KIOXIA Systems Co.,Ltd.	NEC Corporation	FUJIFILM Business Innovation Corp.
KOKUSAI ELECTRIC CORPORATION	NEW COSMOS ELECTRIC CO.,LTD.	Hitachi Industrial Equipment Systems Co., Ltd.
KYOCERA Corporation	NIPPON SIGNAL CO.,LTD.	Hitachi, Ltd.
Murata Manufacturing Co., Ltd	OMRON Corporation	JAPAN CREATE Co.,Ltd
Panasonic Industry Co., Ltd.	Panasonic Corporation	Mitsubishi Heavy Industries, Ltd.
Renesas Electronics Corporation	SAKAGUCHI E.H VOC CORP.	OMRON Corporation
ROHM CO., LTD	Samsung R&D Institute Japan	Ricoh Co., Ltd.
SEIKO NPC CORPORATION	Sony Corporation	Seiko Epson Corp.
Sony Semiconductor Solutions Corporation	Sony Semiconductor Solutions Corporation	SUMITOMO PRECISION PRODUCTS Co., Ltd.
STANLEY ELECTRIC CO., LTD.	Toshiba Corporation	Tokyo Electron Ltd.
TAIYO YUDEN CO., LTD.	Ushio Inc.	TOKYO KEIKI INC.
TDK Corporation	Yokogawa Electric Corporation	TSUBAKIMOTO CHAIN CO.
Organic Material / Chemical	Automobile / Logistics / Transporting	Medical Device
AGC Inc.	AISIN CORPORATION	EIZO Corporation
3M Japan Innovation Limited	Bridgestone Corporation	FUKOKU BUSSAN CO.,LTD
Asahi Kasei Corporation	Central Japan Railway Company	NIDEK CO., LTD
BASF Japan	DENSO CORPORATION	Olympus Corporation
JNC Corporation	Honda Motor Co., Ltd.	TANITA corporation
Mitsui Chemicals, Inc.	MIRISE Technologies	Analytical and Measurement Instrument
NGK INSULATORS, LTD.	NOK CORPORATION	ADVANTEST CORPORATION
NGK SPARK PLUG CO., LTD.	TOKAIRIKA,CO, LTD.	JUKI AUTOMATION SYSTEMS CORPORATION
Shin-Etsu Polymer Co., Ltd.	TOYOTA INDUSTRIES CORPORATION	KYOWA ELECTRONIC INSTRUMENTS CO., LTD.
Sumitomo Chemical Co., Ltd.	TOYOTA MOTOR CORPORATION	NETZSCH Japan K.K.
Information, Communication, Networking Service	Information, Communication, Networking Service	ONO SOKKI CO.,LTD
Huawei Technologies Co., Ltd.	NEC Networks & System Integration Corporation	Otsuka Electronics Co.,Ltd.
KDDI CORPORATION	NTT Advanced Technology Corporation	RHESCA Co., LTD.
KYOCERA Corporation	SCSK Corporation	SIBATA SCIENTIFIC TECHNOLOGY LTD.

■ Special Symposium: MEMS·Semiconductor Next Generation Technology Forum

■ Date & Time : February 1, 2023 10:30-12:30

■ Venue : Seeds & Needs Seminar A, East hall 1

■ Program :

10:30-11:00 **Current State of Japan's Semiconductor and Digital Industry Strategy**

Mr. Hisashi Kanazashi, Director, Commerce and Information Policy Bureau, IT Industry Division
Ministry of Economy, Trade and Industry

11:00-11:30 **Sensing System in Visualization for New Value**

Dr. Masaaki Ichiki, Deputy Director, Sensing System Research Center (SSRC),
National Institute of Advanced Industrial Science and Technology (AIST)

11:30-12:00 **Creation of Ceramic electrets and development to Electrostatic harvesters**

Prof. Yumi Tanaka, Associate Professor, Faculty of Engineering, Department of Industrial Chemistry
Tokyo University of Science

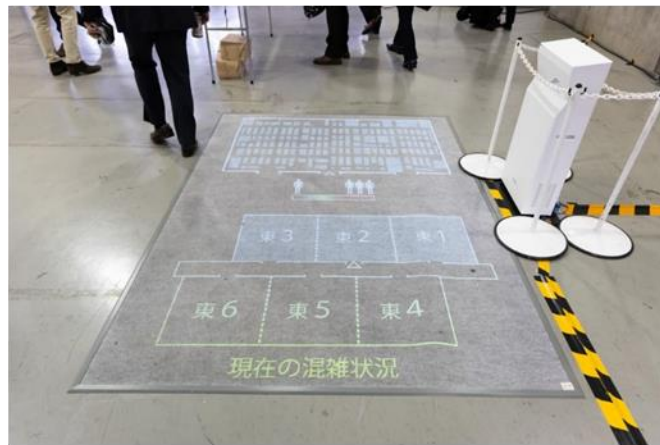
12:00-12:30 **Utilization of Thermal Diode Infrared Sensor MeDIR and
Thermal Image Processing Technology**

Mr. Shotaro Miwa, Advanced Technology R&D Center, Mitsubishi Electric



■ Against COVID-19

The organizer took the following measures on site of exhibition venue to prevent the spread of COVID-19 infection.



■ Next Show information

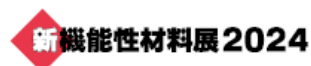
2024. **1.31** Wed. ~ **2.2** Fri. 10:00~17:00

Tokyo Big Sight **East** Halls

Organizers:

Micromachine Center/ NMEMS Technology Research Organization/
JTB Communication Design, Inc.

■ Concurrent Events : **15** exhibitions



NEW!



Contact:

**Secretariat of MEMS SENSING &
NETWORK SYSTEM**
c/o JTB Communication Design, Inc.

TEL : +81-3-5657-0768

FAX : +81-3-5657-0645

mems@jtbcom.co.jp

[MEMS SENSING & NETWORK SYSTEM 2024](#)

[\(optojapan.jp\)](#)