



MEMS SENSING &
NETWORK SYSTEM 2024

MEMS SENSING & NETWORK SYSTEM 2024 SHOW REPORT

Jtb Communication Design

MEMS SENSING & NETWORK SYSTEM 2024 Outline

■ Date & Venue:

Jan. 31 (Wed.) – Feb. 2 (Fri.) 2024, 10:00-17:00

Tokyo Big Sight East Hall 5

■ Online Exhibition:

Dec. 1 (Fri.), 2023 – Feb. 29 (Thu.), 2024

■ Organizer: Micromachine Center

NMEMS Technology Research Organization

JTB Communication Design, Inc.



Number of Visitors
(incl. online visitors)

52,351

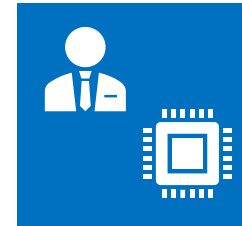
(Concurrent Events total)



Number of Visitors
(onsite @Tokyo Big Sight)

42,034

(Concurrent Events total)



Number of Exhibitors

37



Number of Booths

38

4m² count as 0.5

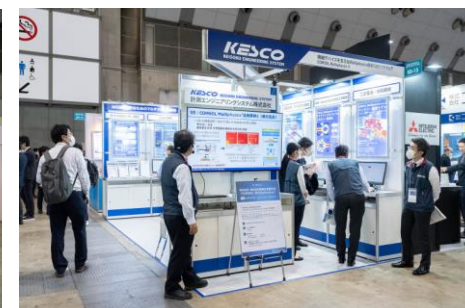
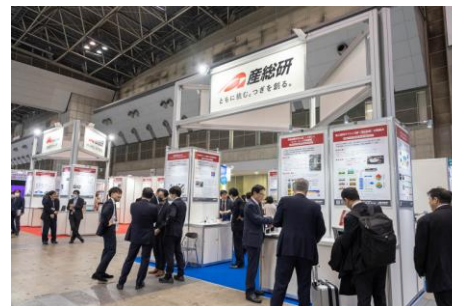
■ Concurrent Events (15 exhibitions)



EXHIBITORS LIST

Exhibitor Search | MEMS SENSING & NETWORK SYSTEM 2024 (jcdbizmatch.jp)

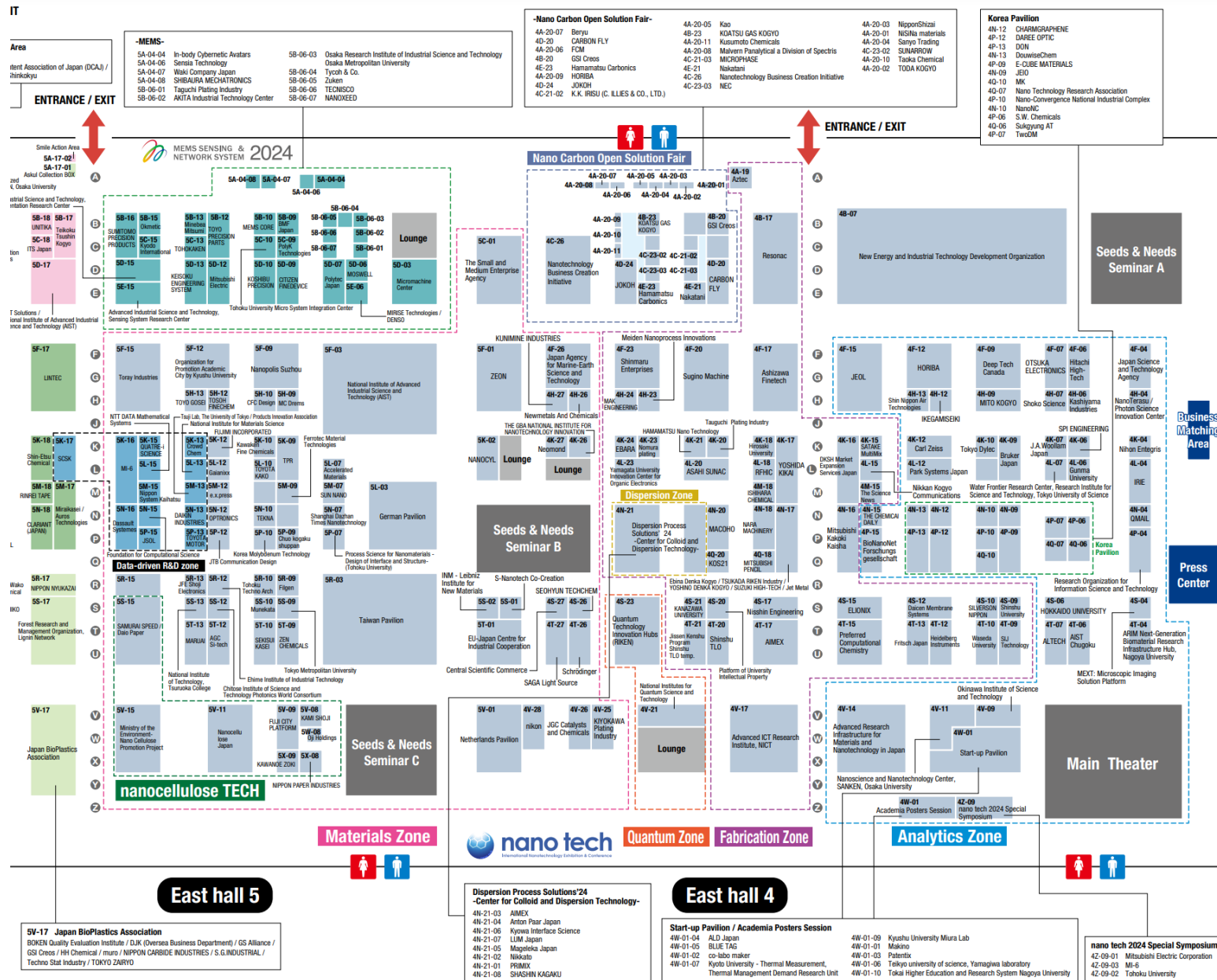
Exhibitor	Booth No.
Advanced Industrial Science and Technology, Human Augmentation Research Center	5D-15
Advanced Industrial Science and Technology, Sensing System Research Center	5E-15
AKITA Industrial Technology Center	5B-06-02
BMF Japan	5B-09
CITIZEN FINEDEVICE CO. Citizen Watch	5D-09
Fraunhofer Institute for Electronic Nano Systems ENAS (Germany)	5L-03
In-body Cybernetic Avatars	5A-04-04
KEISOKU ENGINEERING SYSTEM	5D-13
KOSHIBU PRECISION	5D-10
Kyodo International Silex Microsystems	5C-15
MEMS CORE	5B-10
Micromachine Center	5D-03
MinebeaMitsumi Inc.	5B-13
MIRISE Technologies Corporation DENSO CORPORATION	5E-06
Mitsubishi Electric	5D-12
MOSWELL	5D-06
NANOXEED	5B-06-07
Okmetic	5B-15
Osaka Research Institute of Industrial Science and Technology Osaka Metropolitan University	5B-06-03
PolyK Technologies (USA)	5C-09
Polytec Japan	5D-07
Sensia Technology	5A-04-06
SHIBAURA MECHATRONICS	5A-04-08
SUMITOMO PRECISION PRODUCTS	5B-16
Taguchi Plating Industry	5B-06-01
TECNISCO	5B-06-06
TOHOKAKEN	5C-13
Tohoku University Micro System Integration Center MEMS PARK CONSORTIUM	5C-10
TOYO PRECISION PARTS MFG	5B-12
Tycoh & Co.	5B-06-04
Waki Company Japan	5A-04-07
Zuken	5B-06-05



FLOOR MAP of East Halls 4-5

nanotech2024_floormap_e.pdf (optojapan.jp)

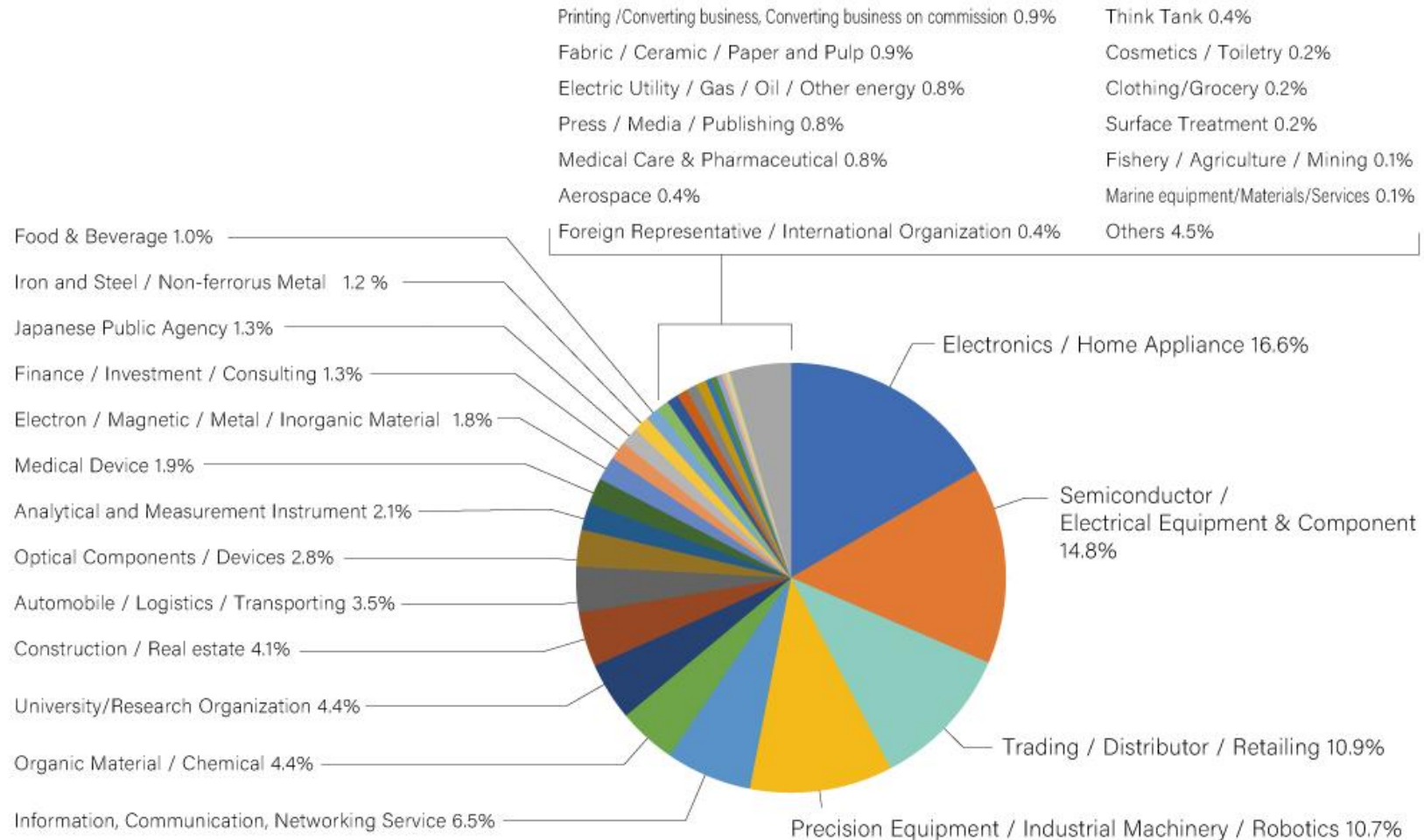
MEMS Exhibition area is indicated in green.



■ Scenery of the venue



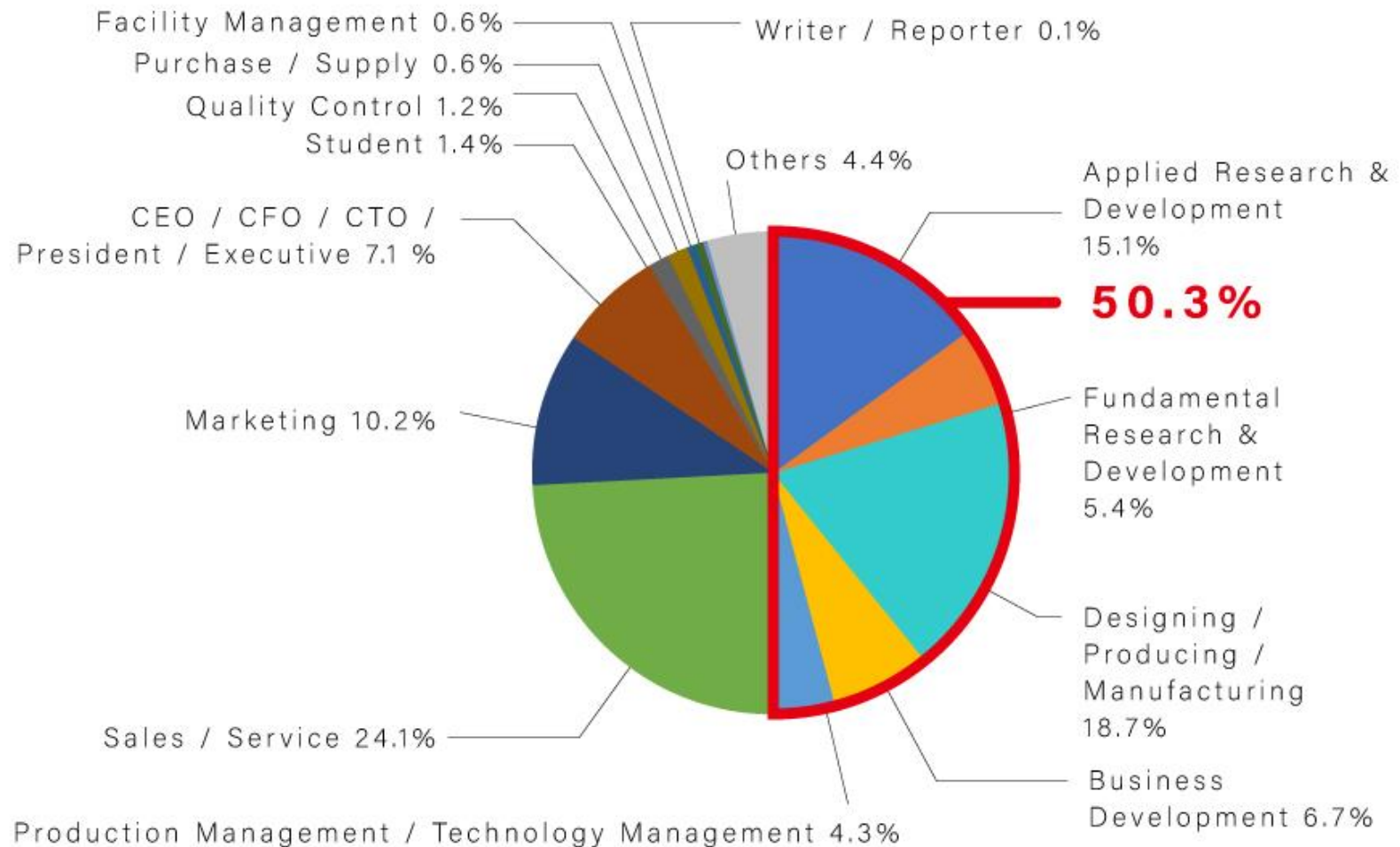
MEMS2024 Visitors Industries



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

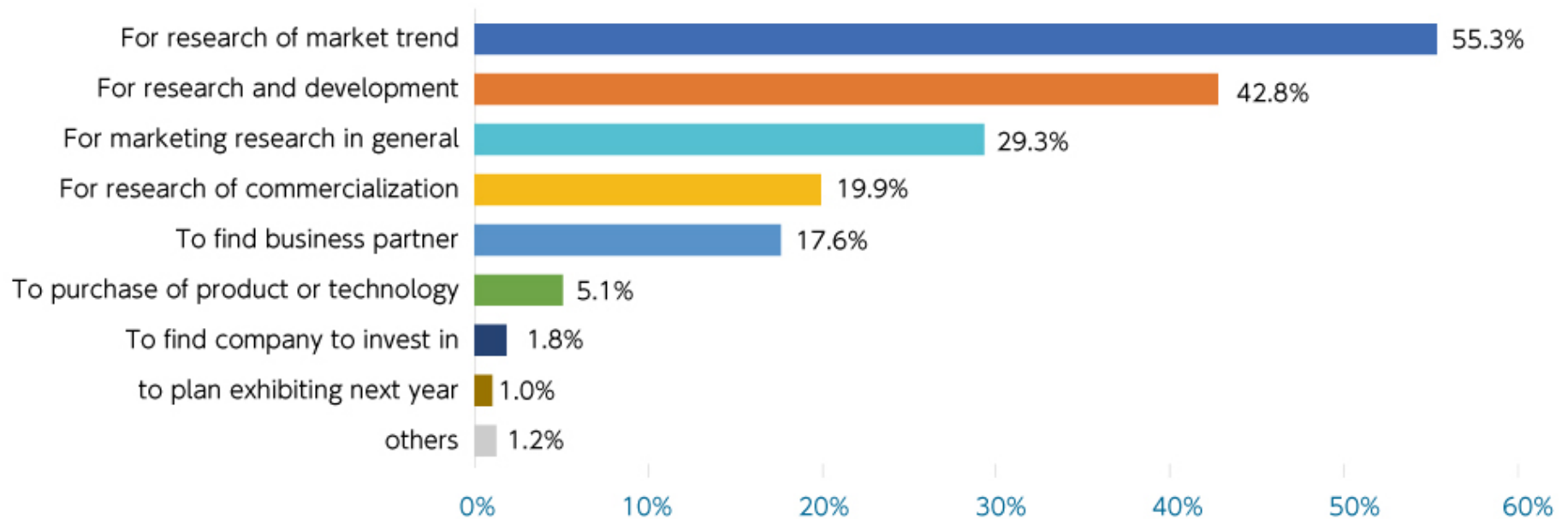
- 1st : Electronics/ Home Appliance
- 2nd : Semiconductor/ Electrical Equipment & Component
- 4th : Precision Equipment/ Industrial Machinery/ Robotics

MEMS2024 Visitors Job Descriptions

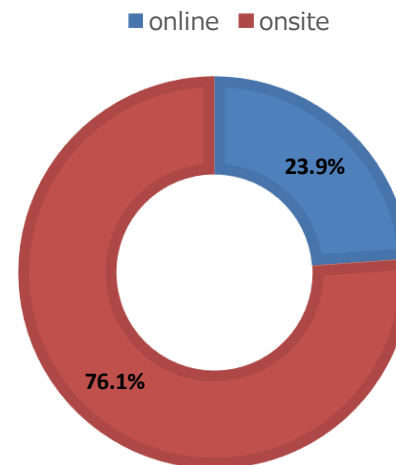


Feature 2 :
Approximately 50% of the visitors are working in R&D, Manufacture, and Design.

MEMS2024 Visitor Purpose



Ways of participation



MEMS2024 Participating companies pick up!

Semiconductor / Electrical Equipment & Component	Electronics / Home Appliance	Precision Equipment / Industrial Machinery / Robotics
ADVANTEST CORPORATION ALPS ALPINE CO., LTD. Gigaphoton Inc. KAGA FEI Co., Ltd. KYOCERA Corporation LAPIS Semiconductor Co., Ltd. Murata Manufacturing Co., Ltd NIDEC INSTRUMENTS CORPORATION OMRON Corporation Seiko Instruments Inc. Skyworks Solutions, Inc. Sony Semiconductor Solutions Corporation STANLEY ELECTRIC CO., LTD. TAIYO YUDEN CO., LTD. TDK Corporation	ANRITSU CORPORATION Canon Inc. CASIO COMPUTER CO., LTD. Dai Nippon Printing Co., Ltd. EIZO Corporation FUJI ELECTRIC CO., LTD. JX Metals Corporation KEYENCE CORPORATION KYOCERA Corporation Mitsubishi Electric Corporation OMRON AMUSEMENT Corporation Samsung R&D Institute Japan Sharp Corporation Sony Corporation Yokogawa Electric Corporation	AMADA CO.,LTD. Azbil Corporation DISCO Corporation EBARA CORPORATION I-PEX KEYENCE CORPORATION KIKUSUI SEISAKUSHO LTD. KOKUSAI ELECTRIC Kurita Water Industries Ltd. NIKON CORPORATION Ricoh Co., Ltd. Seiko Epson Corp. Sumitomo Heavy Industries, Ltd. THK CO., LTD. TSUBAKIMOTO CHAIN CO.
Organic Material / Chemical	Automobile / Logistics / Transporting	Medical Device
Daicel Corporation DIC Corporation SEKISUI CHEMICAL CO., LTD. Shin-Etsu Polymer Co., Ltd. Sumitomo Chemical Co., Ltd. TAIYO NIPPON SAN SO CORPORATION Tanaka Kikinzoku Kogyo TEIJIN LIMITED TOKYO OHKA KOGYO CO., LTD. TORAY INDUSTRIES, INC.	AISIN CORPORATION Bridgestone Corporation DENSO CORPORATION Honda Motor Co., Ltd. IMRA Japan Nissan Motor Co., Ltd. STANLEY ELECTRIC CO., LTD. Suzuki Motor Corporation TOKAIRIKA,CO, LTD. TOYOTA MOTOR CORPORATION	FUJIFILM Corporation Olympus Corporation SAKURA SEIKI Co.,Ltd. SYSMEX CORPORATION Terumo Corporation
Information, Communication, Networking Service	Information, Communication, Networking Service	Optical Components / Devices
DOCOMO Business Solutions,Inc IBM Japan, Ltd. KDDI CORPORATION NEC Facilities, Ltd.	NTT Advanced Technology Corporation SoftBank Corp. Thales DIS Japan TSUZUKI DENKI CO.,LTD.	KYOCERA Corporation Orbray Co., Ltd. Seiko Epson Corporation Sony Corporation Sumitomo Electric Industries, Ltd.

■ Special Symposium: MEMS·Semiconductor Next Generation Technology Forum

■ Date & Time: January 31, 2024 10:15-12:15

■ Venue: Seeds & Needs Seminar C, East hall 5



■ Program :

10:15-10:45 **Semiconductor/Digital Industrial Strategy**

Mr. Hidemichi Shimizu, Director, Device Industry & Semiconductor Strategy Office,
Commerce and Information Policy Bureau, Ministry of Economy, Trade and Industry



10:45-11:15 **Industry-Academia Collaborative Research on MEMS: Past & Future**

Prof. Hiroshi Toshiyoshi, Professor, Institute of Industrial Science (IIS), University of Tokyo



11:15-11:45 **RF Filter Technologies: Enabling the Mobile Evolution**

Dr. Alexandre Shirakawa, Vice President of Engineering, Skyworks Solutions, Inc.



11:45-12:15 **Development of Sensing Technology in the Semiconductor Field at AIST
Sensing System Research Center**

Dr. Sei Uemura, Director-General, AIST Kyushu
Director, Sensing System Research Center (SSRC),
National Institute of Advanced Industrial Science and Technology (AIST)

Other seminars organized by MMC: [Seminar | nano tech 2024 Shaping the Future of Business | MEMS SENSING & NETWORK SYSTEM 2024 \(jcdbizmatch.jp\)](#)

■ Next Show information

2025. **1.29** Wed. ~ **1.31** Fri. 10:00~17:00

Tokyo Big Sight **East** Halls & Conf. Tower

Organizers:

Micromachine Center/
JTB Communication Design, Inc.

■ Concurrent Events : **14** exhibitions



CONVERTTECH



3DECO tech



Contact:

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NETWORK SYSTEM**
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[MEMS SENSING & NETWORK SYSTEM 2024](#)

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