MEMS SENSING & NETWORK SYSTEM 2021

MEMS SENSING & NETWORK SYSTEM 2021 SHOW REPORT

Jtb Communication Design

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MEMS SENSING & NETWORK SYSTEM 2021 Outline

■ **Date & Venue:**

Dec. 9 (Wed.) – 11 (Fri.) 2020, 10:00-17:00

Tokyo Big Sight West Hall and Conference Tower

■ **Online Exhibition**:

Oct.26 (Mon.), 2020 – Jan.15 (Fri.), 2021

■ **Organizer: Micromachine Center**

NMEMS Technology Research Organization

JTB Communication Design, Inc.

Number of Visitors (incl. online visitors)

22,704

(Concurrent Events total)

Number of Visitors (onsite @Tokyo Big Sight)

10,615

(Concurrent Events total)

Number of Exhibitors

33

(Includes 7 Online Exhibitors)

Number of Booths

29.5

4㎡ count as 0.5

■ **Concurrent Events (16 exhibitions)**

nano tech 2021 / All about Photonics 2021 / MEMS SENSING & NETWORK SYSTEM 2021 / ASTEC2021 / SURTECH 2021 / tct JAPAN / InterAqua 2021

Convertech JAPAN 2021 / 新機能性材料展2021 / JFlex2021 / 3DECO tech 2021 / ENEX 2021 / DER Japan 2021 / RENEWABLE ENERGY 2020 第15回 再生可能エネルギー世界展示会&フォーラム

FLOOR MAP of West Hall 1&2

As of November 27 , 2020.

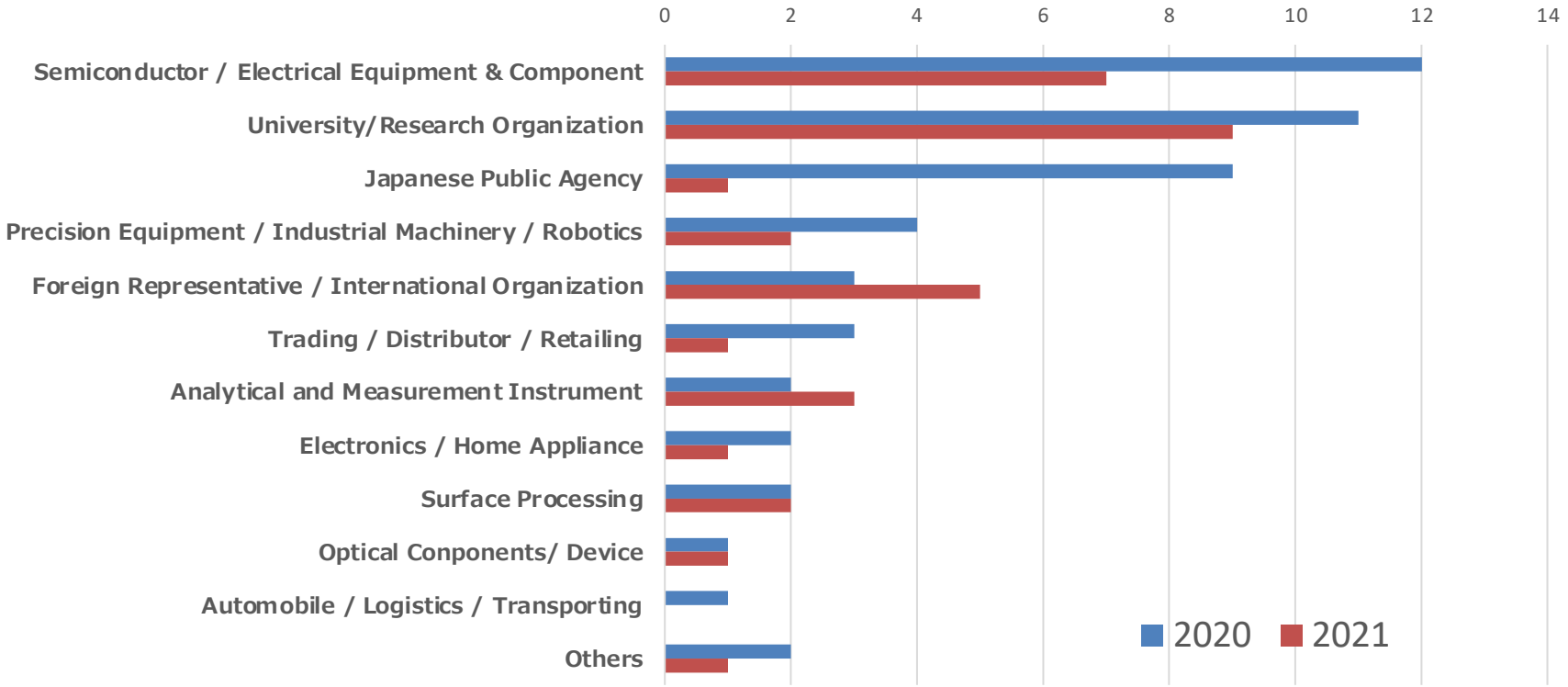
EXHIBITORS LIST

Exhibitors	Exhibitors
ACingTechnologies	Mitsubishi Electric（●）
AKITA Industrial Technology Center	Nanofabrication Platform Consortium（●）
CEA-Leti	NMEMS Technology Research Organization
Center for Microelectronic Systems, Kyushu Institute of Technology	ROKKO ELECTRONICS
CITIZEN FINEDEVICE	Sai
Dai Nippon Printing	SANMEI
Device Technology Research Institute, National Institute of Advanced Industrial Science and Technology (AIST) （●）	SEIKO I TECHNO RESEARCH（●）
Fraunhofer ENAS（●）	Sensing System Research Center, National Institute of Advanced Industrial Science and Technology (AIST)
Global Net	Sensors & IoT Consortium
HiSOL	SHIBAURA MECHATRONICS/SHIBAURA ELETEC
Japan Society of Next Generation Sensor Technology	SPP Technologies/ SPTS Technologies/ SPT Microtechnologies
KEISOKU ENGINEERING SYSTEM	Taguchi Plating Industry
KOSHIBU PRECISION	TDC Corporation（●）
Kyushu Minimal IoT Device Prototyping Laboratory, National Institute of Advanced Industrial Science and Technology (AIST)	Tohoku University Micro System Integration Center
Lam Research（●）	MEMS Park Consortium
Micromachine Center	Tokyo Metropolitan University
MIRISE TECHNOLOGIES	※Online exhibit only（●）

■ Exhibitors by Industries

◆ Number of Exhibitors in 2021: 33 / 29.5 booths

- 9㎡ : 12 / 23 booths
- 4㎡ : 14 / 6.5 booths
- Online only : 7



◆ Number of Exhibitors in 2020: 52/ 64 booths

Hybrid-style Exhibition

MEMS 2021 was held as onsite-online hybrid exhibition to create business opportunities in the difficult circumstances with COVID-19.

Set business appointments in advance

Download catalogues and view videos

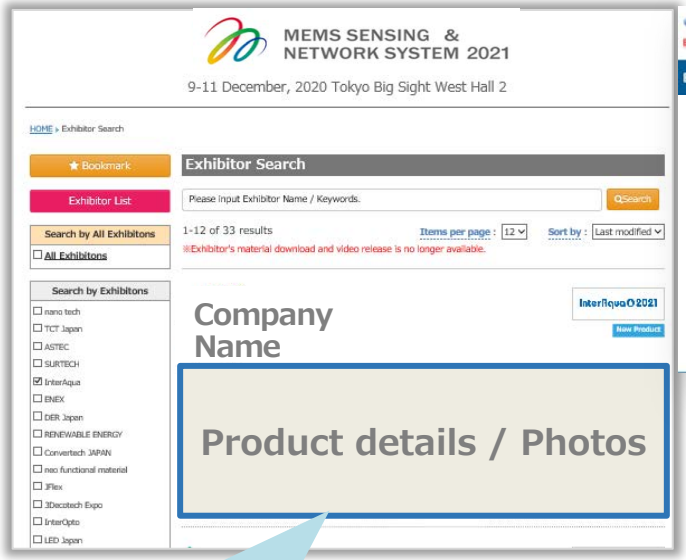
Register for seminars

・Lots of opportunities to appeal customers
・Efficient business matching ・Get visitors information

Digital Functions Offered as Service

1. Promotion

-What you can do for promotion on official website-

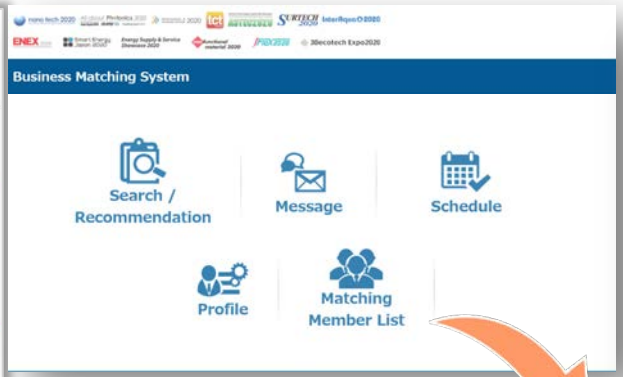


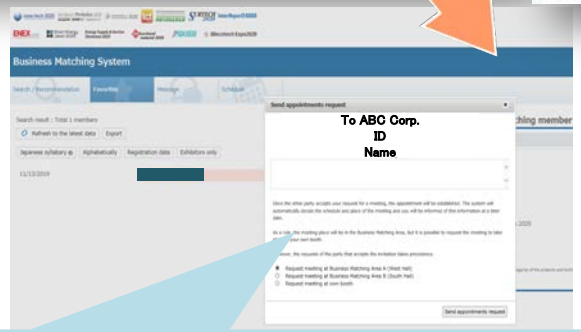
- Up to 10 product information can be posted.
- Set link of video, information of your products and catalogue.

PR videos

2. Business opportunities

-You can set up pre-appointments with visitors-

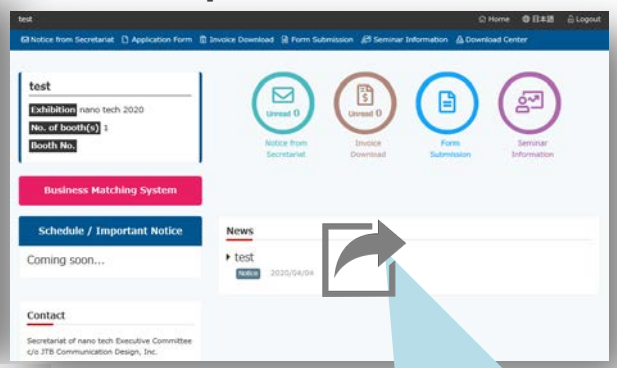




- Automatic recommendation function (You can recommend potential customers/partners.)
- Automatic scheduling function (The system will adjust the schedule.)
- Approaches from exhibitors

3. Get visitors information

–Help you to find potential customers-

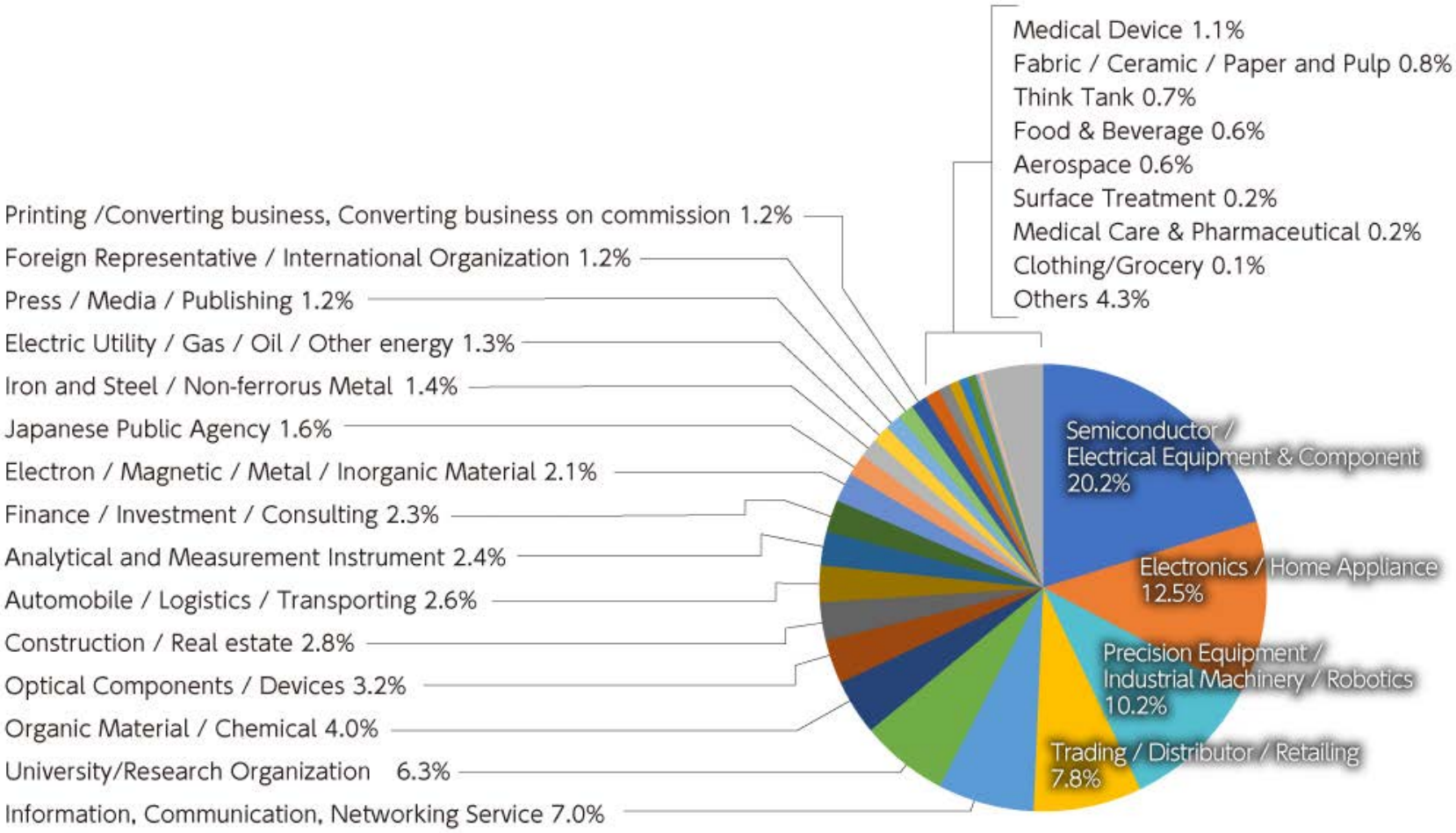


Information of the person who downloaded your brochure

You can download the browsing history list.

Meeting can be held at the exhibition venue and online (Cisco Webex meeting).

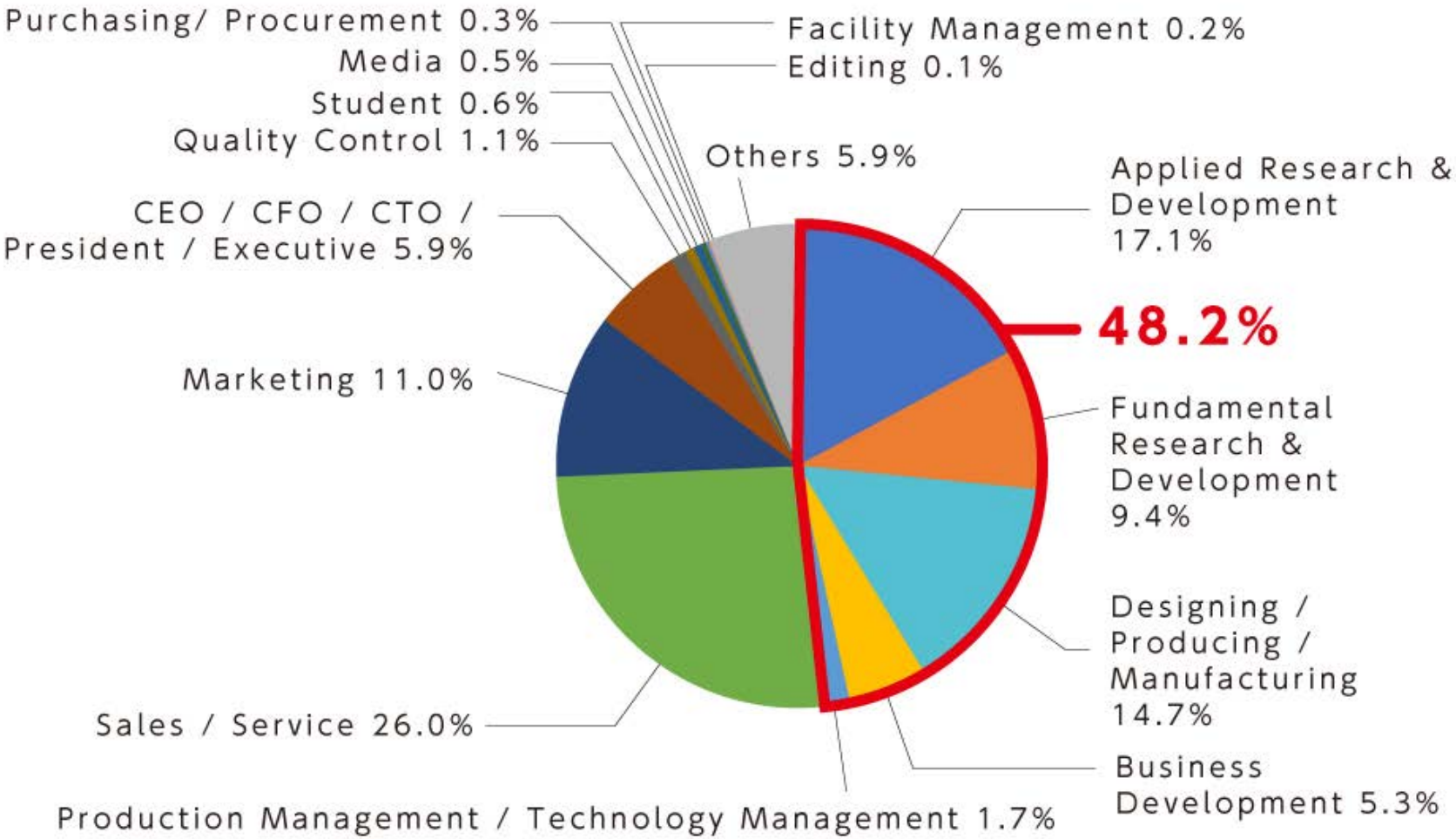
■MEMS2021 Visitors Industries



Feature 1 : Visitor Industries fit the desire of exhibitor targeted industries

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

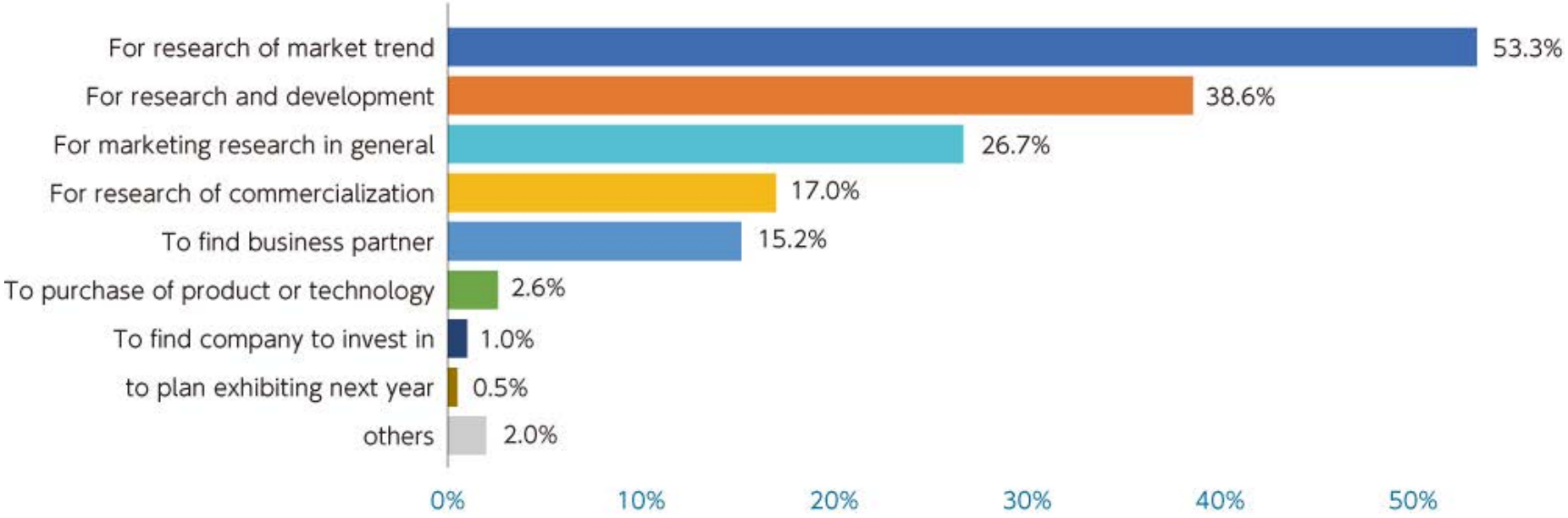
■MEMS2021 Visitors Job Descriptions



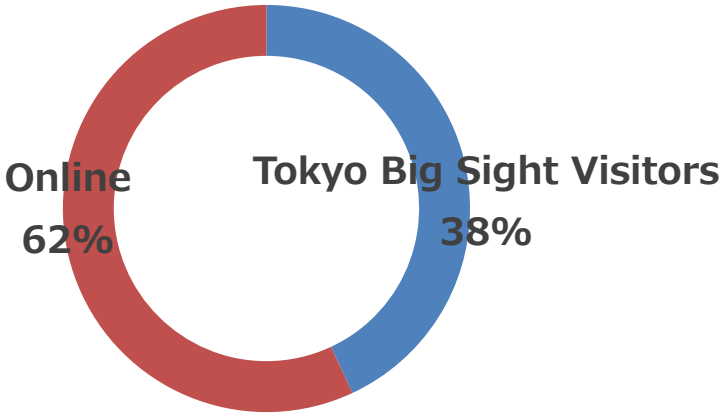
Feature 2 :

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

■MEMS2021 Visitor Purpose



■Ways of participation



■ MEMS2021 Participating companies pick up!

Semiconductor / Electrical Equipment & Component	Electronics / Home Appliance	Precision Equipment / Industrial Machinery / Robotics
Yokogawa Solution Service Corporation	KYOCERA Corporation	Azbil Corporation
MIRISE Technologies	Hitachi, Ltd	Canon Inc.
ROHM CO., LTD	Seiko Epson Corp.	CITIZEN WATCH CO., LTD.
OMRON Corporation	Sony Corporation	Konica Minolta, Inc.
Murata Manufacturing Co., Ltd	Mitsubishi Electric Corporation	SHIMADZU CORPORATION
Sony Semiconductor Solutions Corporation	Ricoh Co., Ltd.	TOKYO KEIKI INC.
TDK Corporation	Murata Manufacturing Co., Ltd	HP Japan Inc.
CITIZEN ELECTRONICS CO., LTD	DAIKIN INDUSTRIES, LTD.	Eagle Industry Co., Ltd
KYOCERA Corporation	OMRON Corporation	Nikon Corporation
NGK SPARK PLUG CO.,LTD.	KYOCERA Corporation	EBARA CORPORATION
LAPIS Semiconductor Co., Ltd.	Huawei Technologies Co., Ltd.	ADVANTEST CORPORATION
FUJIFILM Corporation	NEC Corporation	SUMITOMO PRECISION PRODUCTS Co., Ltd
ST Microelectronics	Azbil Corporation	KEYENCE CORPORATION
EV Group Japan KK	Panasonic Corporation	Seiko Epson Corp.
Renesas Electronics Corporation	TAIYO YUDEN CO., LTD.	TAMRON Co.,Ltd.
Organic Material / Chemical	**Automobile / Logistics / Transporting**	**Medical Device**
FUJIFILM Corporation	Yamaha Motor Co., Ltd.	Olympus Corporation
Seiko I Techno Research Co., Ltd.	DENSO CORPORATION	Nihon Rufuto Co., Ltd.
TAIYO INK MFG. CO., LTD.	Yokohama Rubber Co., Ltd.	ZEON CORPORATION
JSR Corporation	STANLEY ELECTRIC CO., LTD.	NIDEK CO., LTD.
TOKYO OHKA KOGYO CO., LTD.	IHI Corporation	Asahi Kasei Medical Co., Ltd.
Dow Toray Co., Ltd.	AISIN CORPORATION	METS INC.
Sumitomo Chemical Co., Ltd.	East Japan Railway Company	**Analytical and Measurement Instrument**
Denka Company Limited.	Bosch Corporation	Azbil Corporation
NGK SPARK PLUG CO., LTD.	Honda Motor Co., Ltd.	ADVANTEST CORPORATION
Maxell, Ltd.	**Information, Communication, Networking Service**	Hitachi High-Tech Solutions Corporation.
Showa Denko Materials Co., Ltd.	NIPPON SIGNAL CO.,LTD.	Yokogawa Electric Corporation
MITSUBISHI GAS CHEMICAL COMPANY, INC.	NTT Communications Corp.	HORIBA, Ltd.
MITSUI MINING & SMELTING CO.,LTD.	Huawei Technologies Co., Ltd.	NEW COSMOS ELECTRIC CO.,LTD
C.I. TAKIRON Corporation	NIPPON ANTENNA Co.,Ltd.	Yamato Scientific Co., Ltd.
TOAGOSEI CO., LTD.	Toshiba Information Systems Corporation	ViSCO Technologies Corporation

Special Symposium: MEMS Next Generation Technology Forum

■Date & Time : December 9, 2020　10:30-12:30
■Venue : Tokyo Big Sight, Conference Tower Room 102

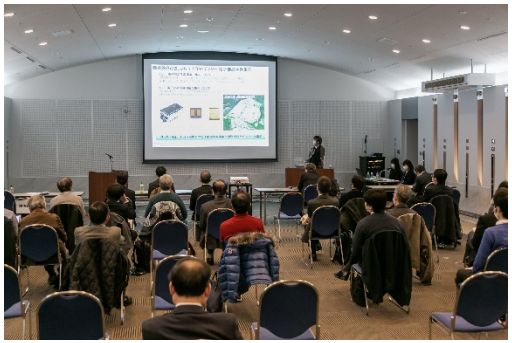
■Program :

10:30-11:00 「**MEMS Device and Solution toward Digital Transformation Era**」
Mr. Junya Nishimoto, Azbil Corporation

11:00-11:30 「**MEMS for Brain and Five Senses**」
Prof. Norihisa Miki, Department of Mechanical Engineering, Keio University

11:30-12:00 「**Sensor management in the age of "Trillion Sensors"**」
Dr. Makoto Fujimaki, Deputy Director, Sensing System Research Center (SSRC), National Institute of Advanced Industrial Science and Technology (AIST)

12:00-12:30 「**Advanced Sensor Technology for Autonomous**」
Mr. Hiroyuki Wado, MIRISE Technologies



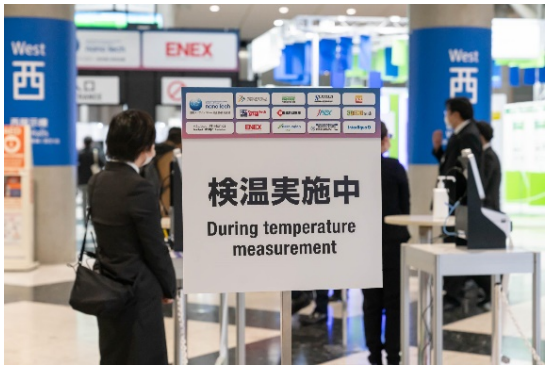
・Advance Registration : 70 pax
・Participated : 36 pax
・Archive ： 52 views

Against COVID-19

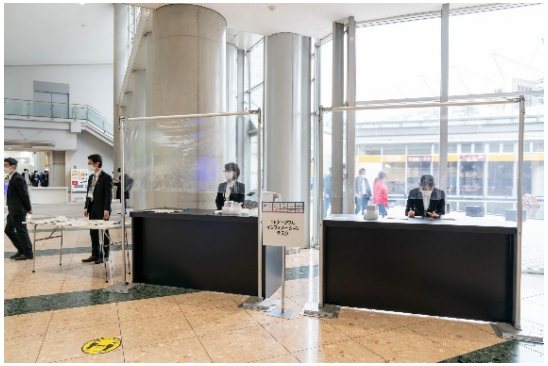
The organizer took the following measures on site of real exhibition venue to prevent the spread of COVID-19 infection.

Temperature measurement for all participants and staff

Disinfection of fingers at the hall entrance



Announcement for the infection prevention



Setting Curtains at information counter

Sign for keeping social distancing

Ventilation and frequent disinfection and taking a distance at seminar

Next Show information

2022.1.26Wed.~28Fri. 10:00~17:00

Tokyo Big Sight East Halls/Conference Tower

Digital Exhibition: November 26 (Fri.), 2021 - February 28 (Mon.), 2022

Organizers:

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

■ **Concurrent Events : 12 exhibitions**

nano tech 2022 International Nanotechnology Exhibition & Conference
Surface Technology Creates New Business ASTEC2022
SURTECH 2022
tct JAPAN
Convertech JAPAN 2022
neo functional material
JFlex2021
3DECO tech 2022
ENEX 2022 Energy and Environment Exhibition
DER Japan Distributed Energy Resources Japan 2022
RENEWABLE ENERGY 2022 www.renewableenergy.jp
InterAqua 2022

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