



Wireless Technology Park (WTP) 2019

Shaping a new society with wireless technology ~ Beginning of 5G ~

Event Report

- Date: May 29-31, 2019 10:00am-6:00pm (Until 5:00pm on the final day)
- Venue: West Hall 3 & 4, Conference Tower, Tokyo Big Sight
- Organizers: National Institute of Information and Communications Technology (NICT)
YRP R&D Promotion Committee
YRP Academia Collaboration Network
- Show management office : EJK Japan, Ltd.
- Held with: Wireless Japan 2019/IDE TOKYO- drone solutions & technologies- 2019/
Transport System EXPO 2019/Technical Committee on Smart Radio, IEICE/IEICE Technical
Committee on Reliable Communication and Control (RCC)/IEICE Technical Committee on
Health care and Medical Information and Communication Technology (MICT), etc.
- Website: <https://www.wt-park.com/2019/en>

- Main Theme** " Shaping a new society with wireless technology - Beginning of 5G - "
- **Data:** May 29-31, 2019
 - **Venue:** West Hall 3-4, Conference Tower, Tokyo Big Sight
 - **Held with:** Wireless Japan2019, Transport System EXPO2019, IDE TOKYO-drone solutions & technologies-2019, IEICE Technical Committee on Smart Radio, IEICE Technical Committee on Reliable Communication and Control (RCC)/IEICE Technical Committee on Health care and Medical Information and Communication Technology (MICT), etc.
 - **Organizers:** National Institute of Information and Communications Technology (NICT), YRP R&D Promotion Committee, YRP Academia Collaboration Network
 - **Organizing Committee**
 - Chairman:** Akio MOTAI President, YRP R&D Promotion Committee
 - Special Advisor:** Mitsutoshi HATORI Professor-Emeritus, The University of Tokyo
 - Advisor:** Norihisa DOI Professor-Emeritus, Keio University
 - Affiliation of the Members of the Organizing Committee:** Fujitsu Limited/Hitachi Kokusai Electric Inc./Hitachi, Ltd./Japan Radio Co., Ltd./ Kanagawa Prefecture/KDDI R&D Laboratories, Inc./ Keikyu Corporation/ National Institute of Information and Communications Technology (NICT)/ NEC Corporation/ Nippon Telegraph and Telephone Corporation/NTT DOCOMO, INC./ Sophia University/The University of Electro-Communications/ Yokosuka City/ Yokosuka Telecom Research Park, Inc./YRP International Alliance Institute
 - **Endorsed by:** Architectural Institute of Japan/Association of Radio Industries and Businesses (ARIB)/ Communications and Information Network Association of Japan (CIAJ)/The Association of Indoor Messaging Service (TAIMS)/ The Institute of Electrical Engineers of Japan/The Institute of Electronics, Information and Communication Engineers (IEICE)/ The Institute of Positioning, Navigation and Timing of Japan/ITS Japan/The ITU Association of Japan, Inc/ Japan Cable and Telecommunications Association/Japan Electronics and Information Technology Industries Association (JEITA)/ Japan External Trade Organization (JETRO)/Japan Society of Civil Engineers/Japanese Society for Medical and Biological Engineering/ JAPAN Unmanned System Traffic & Radio Management Consortium/Kanagawa Prefectural Government/Keikyu Corporation/ Land Mobile Radio Association Corporation Japan/Ministry of Internal Affairs and Communications (MIC)/ Mobile Computing Promotion Consortium/New Generation M2M Consortium/Radio Engineering & Electronics Association/ Smart IoT Acceleration Forum/Society of Automotive Engineers of Japan, Inc./Telecom Engineering Center/ Telecom Services Association/Telecommunications Carriers Association/The Telecommunication Technology Committee (TTC)/Yokosuka City/ Flexible Factory Partner Alliance/The Fifth Generation Mobile Communications Promotion Forum (GMF)/ Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
 - **Special Support:** Yokosuka Telecom Research Park, Inc.
 - **Academic Support:**
 - IEEE VTS Tokyo Chapter/Technical Committee on Radio Communication Systems (RCS)/
 - IEICE Technical Committee on Satellite Communication,/IEICE Technical Committee on Smart Radio (SR)
 - IEICE Technical Committee on Reliable Communication and Control (RCC)/
 - IEICE Technical Committee on Healthcare and Medical Information and Communication Technology (MICT)
 - **Cooperation:** The council for info-communications promotion month
 - **Show Management Office:** EJK Japan, Ltd.



95 Companies and organizations

(115 in 2018) *including other departments of same companies

AET Inc., ANRITSU CORPORATION, CEA Tech Japan Office, CORNES Technologies Ltd./E&C Engineering K.K./Microwave Factory Co., Ltd., ETS-Lindgren Japan, Inc., FUJITSU LIMITED, Hitachi Kokusai Electric Inc., iDAQS., Ltd., Interplan Co., LTD., Japan Telegartner Ltd., Kanagawa Prefectural Government/Kanagawa Institute of Industrial Science and Technology/iFORCOM Co.,Ltd., KDDI CORPORATION/KDDI Research, Inc., KOMINEMUSEN DENKI CO., LTD., KOZO KEIKAKU ENGINEERING Inc., MARUBUN CORPORATION, Mobile Techno Corp., MORITA TECH CO.,LTD., National Institute of Information and Communications Technology (NICT), NEC Corporation, NIHON DEMPA KOGYO CO., LTD., NTT DOCOMO, INC./Nippon Telegraph and Telephone Corporation, SaNoor Technologies Inc., SMFL Rental Company, Limited, Telecom Engineering Center (TELEC), The Telecommunication Technology Committee (TTC), TOKYO KEIKI AVIATION INC., TOKYO METROPOLITAN INDUSTRIAL RESEARCH INSTITUTE, TOYO Corporation, VBOX JAPAN, Wireless Smart Utility Network (WSN) Promotion Committee, Wireless Power Management Consortium, YRP R&D Promotion Committee



- **5G Tokyo Bay Summit® 2019 Pavilion**

ANRITSU CORPORATION, Ericsson Japan K.K., Keysight Technologies Japan. G.K., National Instruments Japan Corporation, Nokia Solutions and Networks Japan G.K., NTT DOCOMO, INC., Rohde & Schwarz Japan

- **Flexible Factory Project Pavilion**

FUJITSU LIMITED, Flexible Factory Partner Alliance, KOZO KEIKAKU ENGINEERING Inc., National Institute of Information and Communications Technology (NICT), NEC Corporation, NEC Communication Systems, Ltd., Omron, Panasonic Corporation

- **Location Service Pavilion**

Agoop Corp., ATR-Promotions Inc., Chiba Institute of Technology, ENABLER LTD., Nagoya University, Satellite positioning Research and applications Center, Shibaura Institute of Technology, The Institute of Positioning, Navigation and Timing of Japan, Tokyo University of Marine Science and Technology.

- **Intelligent Transport System Corner**

Ministry of internal affairs and Communications

- **Academia Poster session**

Osaka University, Sophia University., Suwa University of Science, Tokyo Denki University

- **IEICE Technical Committee on Reliable Communication and Control (RCC), IEICE Technical Committee on Health care and Medical Information and Communication Technology (MICT)**

Advanced Telecommunications Research Institute International (ATR), Kansai University, Meiji University, Niigata University, Oki Electric Industry Co., Ltd., Osaka City University, Soliton Systems K.K., Sumitomo Electric Industries, Ltd., RIKEN, Japan.

- **IEICE Technical Committee on Smart Radio (SR)**

Hitachi Automotive Systems, Ltd., Ibaraki University, Kyoto University, National Institute of Information and Communications Technology (NICT), National Institute of Technology Toyama College, Technical Committee on Smart Radio, The University of Electro-Communications, Tohoku University, Tokyo University of Agriculture and Technology, Tokyo University of Science

- **Exhibition on History**

Exhibition

Number of institutions/companies joined : **95** (115 in 2018)

Total attendees : **56,757 ppl**

Breakdown	Weather	2019	2018
May 29 (Wed)	Cloudy → Sunny	17,471 ↑	16,677
May 30 (Thu)	Sunny	18,283 ↑	17,454
May 31 (Fri)	Cloudy	21,003 ↑	20,292
Total		56,757 ↑	54,423

*Including visitors to expos held simultaneously

2,334 (4.2%) ↑

WTP 2019 visitors : **13,282 ppl**

Breakdown	2019	2018
May 29 (Wed)	4,193 ↑	3,970
May 30 (Thu)	4,496 ↑	4,021
May 31 (Fri)	4,593 ↑	4,366
Total	13,282 ↑	12,357

*Excluding visitors from expos held simultaneously

925 (7.5%) ↑

Seminar

Number of seminars: **72** (122 in 2018)

Co-organized seminars with Wireless Japan 2019: **14**

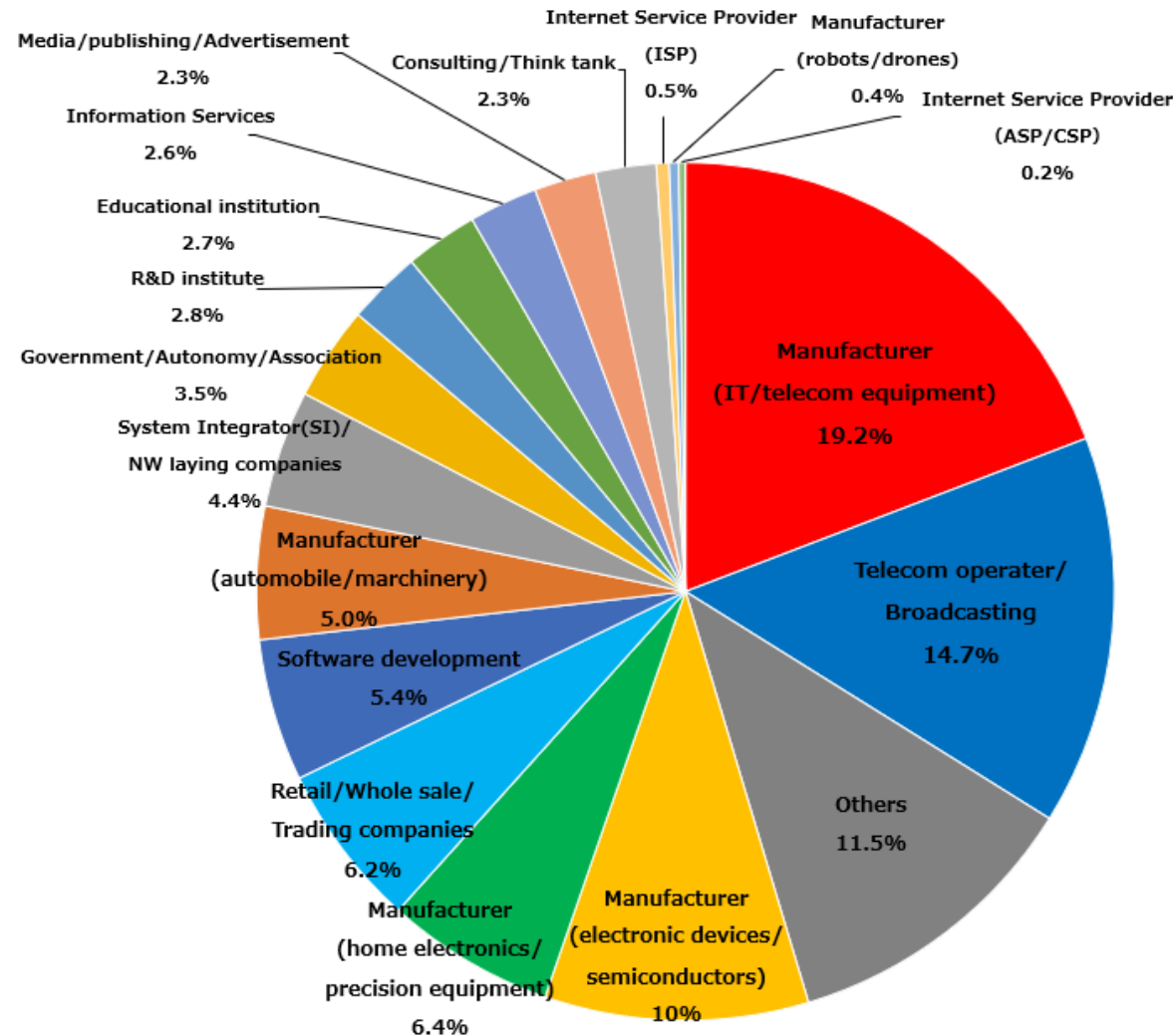
Number of audience: **13,634** (13,110 in 2018)

*Including audience in co-organized seminars

Academia Program

- Number of institutes exhibiting in the Academia Poster Session: **5 universities & 10 Posters**
- Exhibition by IEICE Technical Committee on Smart Radio: **9 exhibits by 11 institutes**
- Joint Exhibitions by IEICE Technical Committee on Reliable Communication and Control (RCC) and IEICE Technical Committee on Health care and Medical Information and Communication Technology (MICT): **6 posters by 15 institutes**

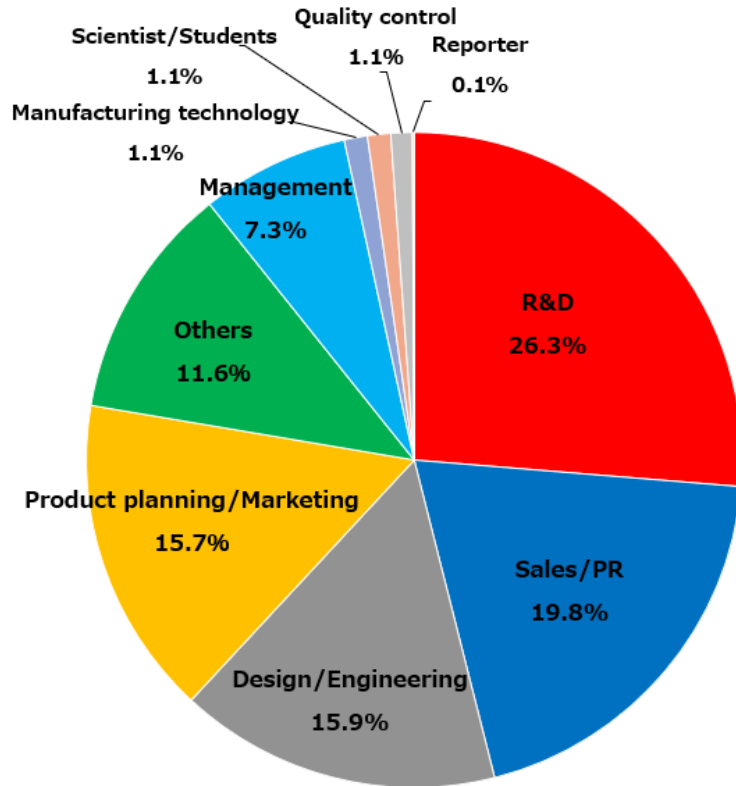
Business category



Data in WTP 2018

Telecom operator/Broadcasting... 18.8%
 Manufacturer (IT/telecom equipment) ... 16.3%
 Retail/Whole sale/Trading companies... 8.2%
 Manufacturer (electronic devices/semiconductors)... 7.3%
 Software development/manufacturer... 6.9%
 Manufacturer (Home electronics/Precision equipment)... 5.8%
 Manufacturer (automobile/machinery)... 5.3%
 Government/Autonomy/Association... 4.4%
 System Integrator (SI)/NW laying companies... 4.1%
 Educational institution ... 3.8%
 Manufacturers (robots/drones)... 3.5%
 R&D institute... 3.3%
 Others... 3.3%
 Information Services... 3.2%
 Consulting/Think tank... 2.6%
 Media/publishing/advertisement... 2.4%
 Internet Service Provider(ISP/ASP/CSP) ... 2.3%

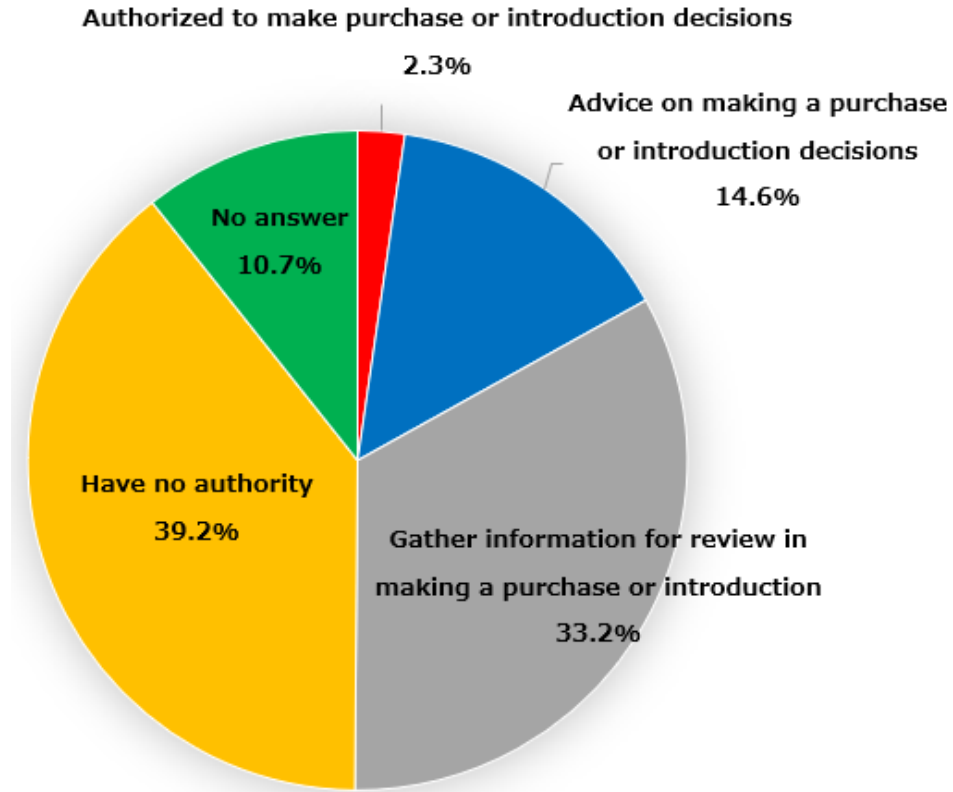
Department



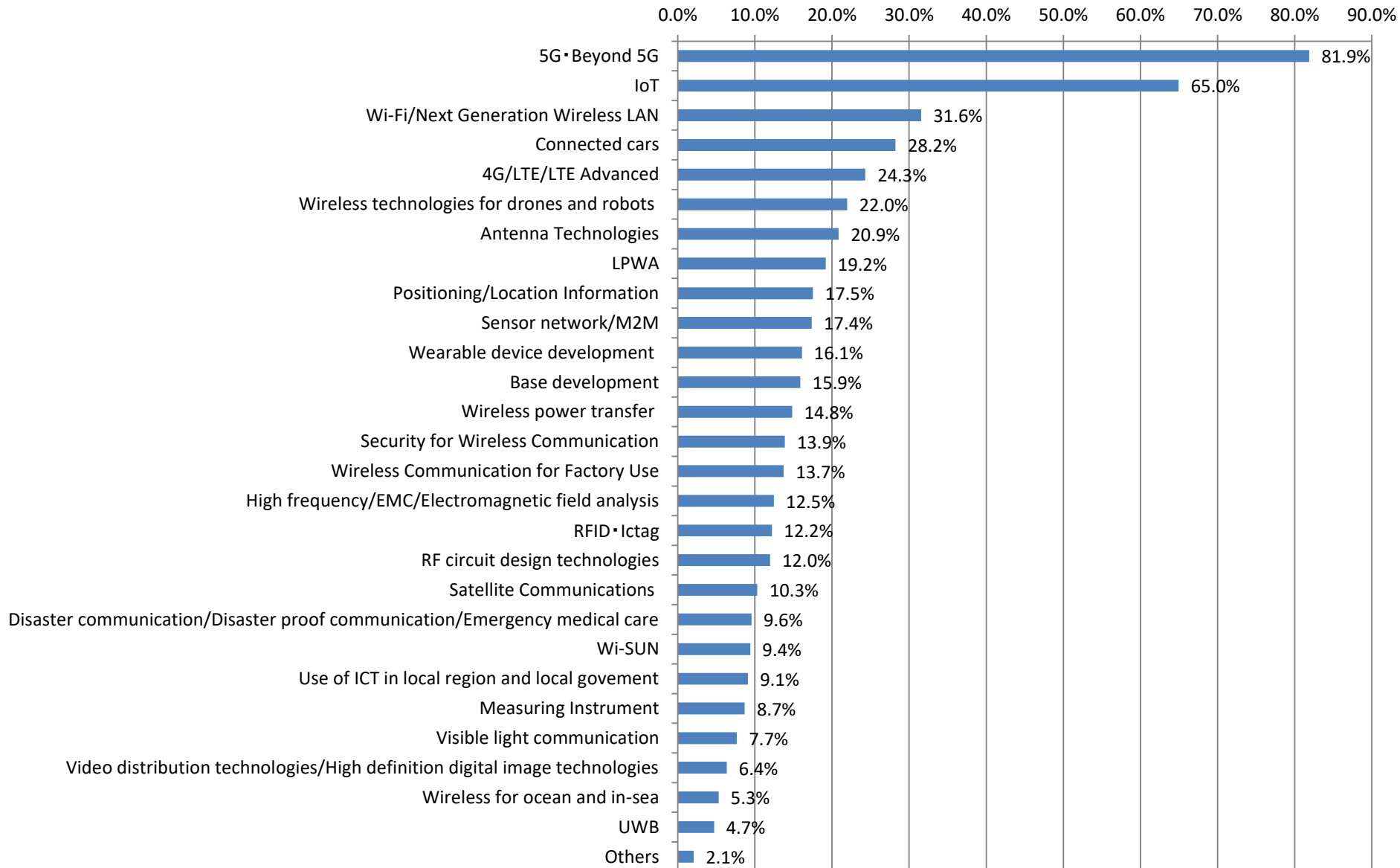
Data in WTP 2018

R&D... 25.9%
 Sales/PR ... 23.5%
 Design/Engineering... 18.0%
 Product planning/Marketing ... 11.8%
 Others... 9.4 %
 Management... 6.0%
 Scientist/Students... 3.3%
 Manufacturing technology... 1.1%
 Quality control ... 0.9%

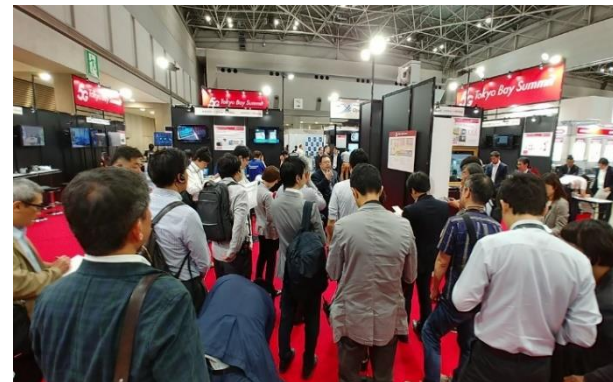
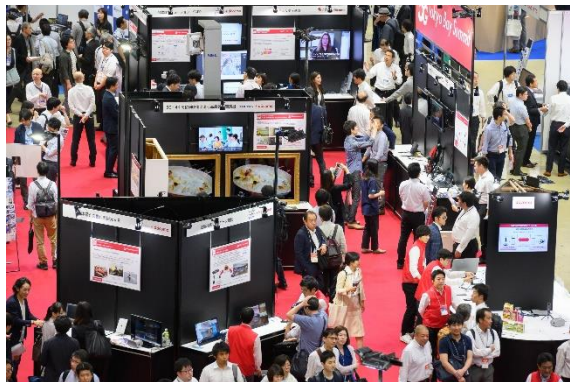
Purchasing Authority



Visitor profile 3: Interested technical field



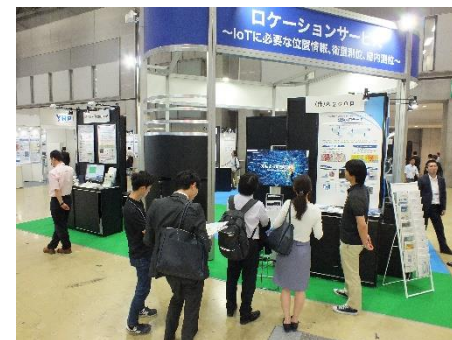
5G Tokyo Bay Summit®2019 organized by NTT DOCOMO



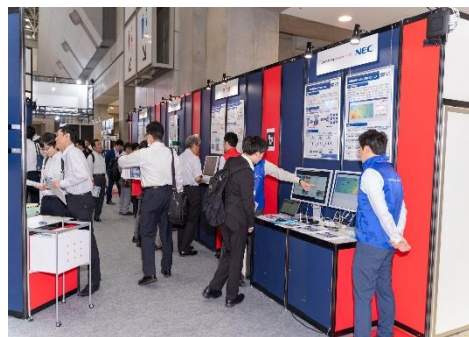
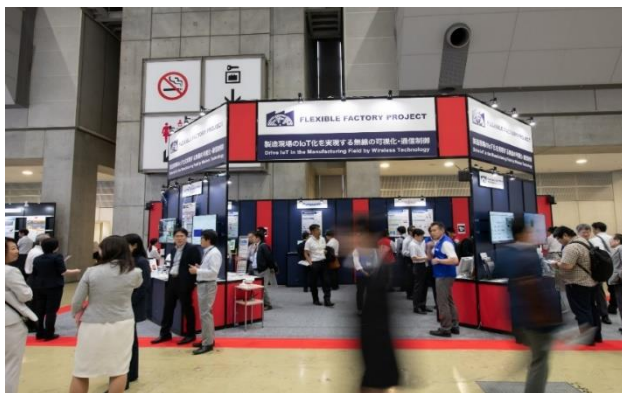
Specially-trained English-speaking booth personnel were fielding questions

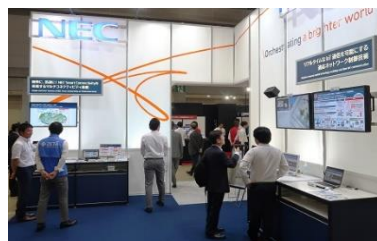
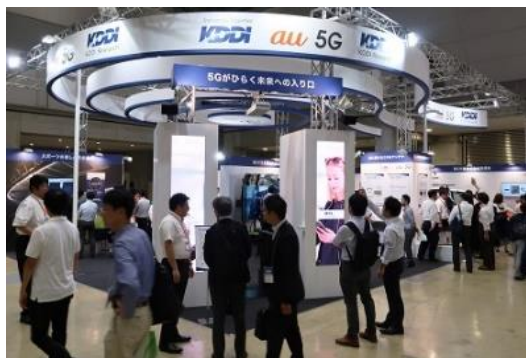
Flexible Factory Project Pavilion

Location Services Pavilion



ITS Corner





Foreign-affiliated exhibitors

CEA-Tech, SaNoor Technologies



Keynote Presentations in Conference Tower



Seminars in exhibition halls



International Session



5G Systems & Technologies

Dr. Eric Mercier

LETI/Technology Line Director – CONNECTIVITY, CEA Tech

Asahi Shimbun	Kakaku.com	RBB TODAY
BCN	Keizaikai	Response
BICYCLE21	KENTKENTSU SHIMBUN	RF-wold
BUILT	KOTSU MAINICHI SHIMBUN	SangyoTimes
businessnetwork.jp	ktai watch	Sankei Shimbun
butsuryu weekly	Mechatronics Design News	SEKIYU KAGAKU SHINBUN
Chemical Daily	Media Vague	SENSAIT
CHINA CENTRAL TELEVISION	Minatoya	skyTV
Commercial Motor	MONOist	Small & Medium Enterprises and Regional Innovation
CROSS TECH	Mynavi	S-MAX
dekiru business	NAEOE Multicultural Welfare News	TechFactory
dekirunet	News&Chips	technical total service
Dempa Times	NHK	Technical Total Service
denka shinbun	nihon ryutu sangyo shinbun	Tele-Cable Newspaper
DRONE NEXT	NIKKAN KENSETSU SANGYO SHINBUN	Telecom Industry News
EE Times Japan/EDN Japan/MONOist japan	NIKKAN KOGYO SHIMBUN	Telecommunication
Fuel Cell Development Information Center	Nikkan Sports News	The japan times
Fuji Sankei Business i	Nikkan Jidosha Shimbun	THOMSON REUTERS
Fuji Television Network	Nikkei	Tokyo Broadcasting System Television
GAS ENERGY NEWS	NIKKEI CNBC	Toyo Keizai
GIFT NEWS	NIKKEI ELECTRONICS	tv asahi
Impress	Nikkei XTECH	WING
Infrastructure Business Japan	Nikkei XTREND	YOMIURI TELECASTING
IT Life hack	NIPPON TV Network	YOMIURI TELECASTING houdou
ITmedia	Nishinippon Shimbun	YTV
ITmediaMobile	OHM	Yusokeizai press
JAF MEDIA WORKS	Radio Engineering Electronic Association	