

Brochure

Wireless Technology Park (WTP) 2018



■ **Date:** May 23-25, 2018

■ **Venue:** West Hall 3-4 & Conference Tower, Tokyo Big Sight

- Expected number of attendees: 55,000 ※Including attendees to the co-located expos
- Expected number of exhibitors: 350 ※Including exhibitors to the co-located expos
- Held with: Wireless Japan2018/Wireless IoT Expo 2018
Transport System EXPO2018, IDE TOKYO –Drone solutions & Technologies-2018
- Organizers: National Institute of Information and Communications Technology (NICT)
Yokosuka Research Park (YRP R&D Promotion Committee)
YRP Academia Collaboration Network
- Show Management: EJK Japan, Ltd.
- WEB <http://www.wt-park.com/2017/>

What is WTP?

~A special expo for wireless technologies that designs the future~

WTP is one of the biggest events specially designed for wireless technologies that focuses on research and innovations of wireless communication technologies. The event consists of "exhibition", "seminars" and "academic sessions" and is held under the collaboration of industry-academia-government involving private enterprises, educational institutions, research institutions, national and local governments.

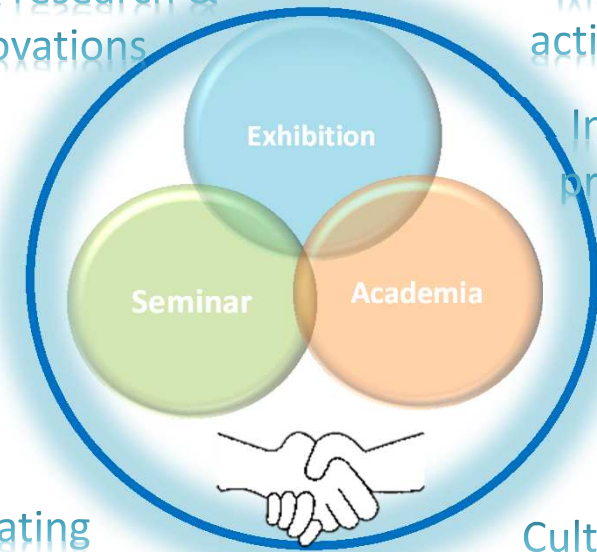
Leading research & innovations

Market activation

Industrial promotion

Creating innovations

Cultivation of young people

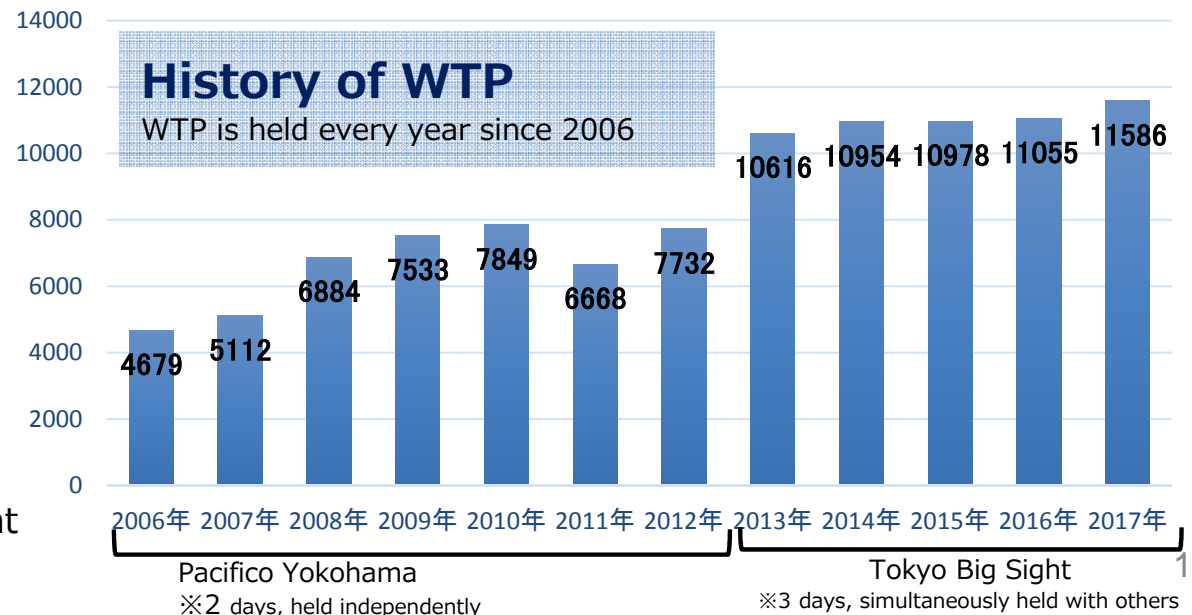


Mission

- Introduction of the latest results of research and innovations on the wireless communication technologies.
- Acceleration of business development for wireless communication technologies through international interact among industry-academia-government and promotion of leading research and innovations.

WTP2018 Special exhibitions · Seminars (Plan)

- The 5th generation mobile communication systems (5G)
- Internet of Things (IoT)
- Positioning and location systems
- ITS, connected cars
- Wireless systems for factories
- Wireless technologies for extreme environment
- Drones and robots communication



The 5th generation mobile communication systems (5G)

It is said that, in the future, the traffic density of mobile communication would be several hundred times higher than that of today. To cope with this situation, development of the 5th generation mobile communication systems (5G) for practical use is in process as the new network system that enables low costs and low power corresponding the increasing traffic. WTP 2018 will realize the 5G pavilion to introduce applications being implemented in the near future and the latest technologies to support those application through seminars and exhibition. You can promote your technologies at this pavilion by attracting visitors from various industries including telecommunications carriers, manufacturers, and companies related to social infrastructure, etc.

[Companies and institutions joined 5G pavilion in 2017]

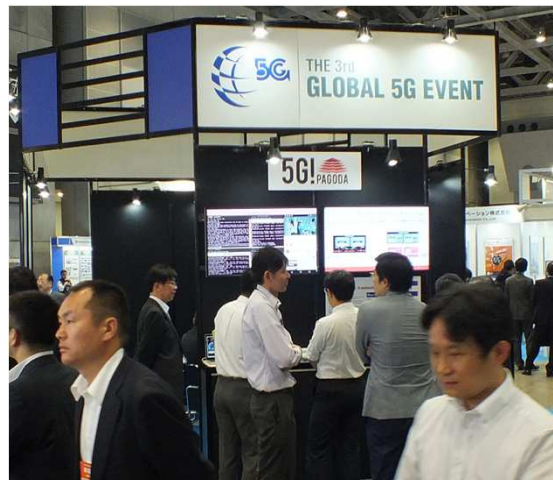
Intel Japan, NTTdocomo, Ericsson Japan, Keysight Technologies Japan, Qualcomm, Crescent, KDDI, Samsung Japan, NS Solutions, SoftBank, TOYO, Toppan Printing, NEC, National Instruments Japan, Nokia Solutions and Networks Japan, Huawei Technologies Japan, Fujitsu, Mitsubishi Electric, Media Tek, Rohde & Schwarz Japan

Simultaneous Event (Plan)

5G Tokyo Bay Summit

Cooperated by : NTT DOCOMO Inc.

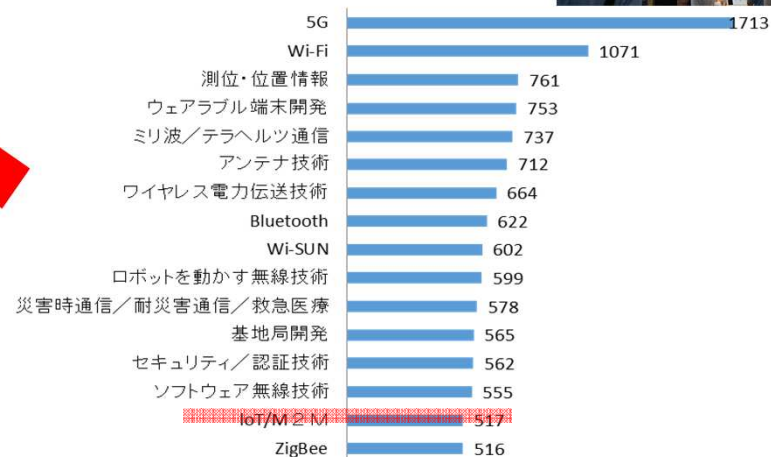
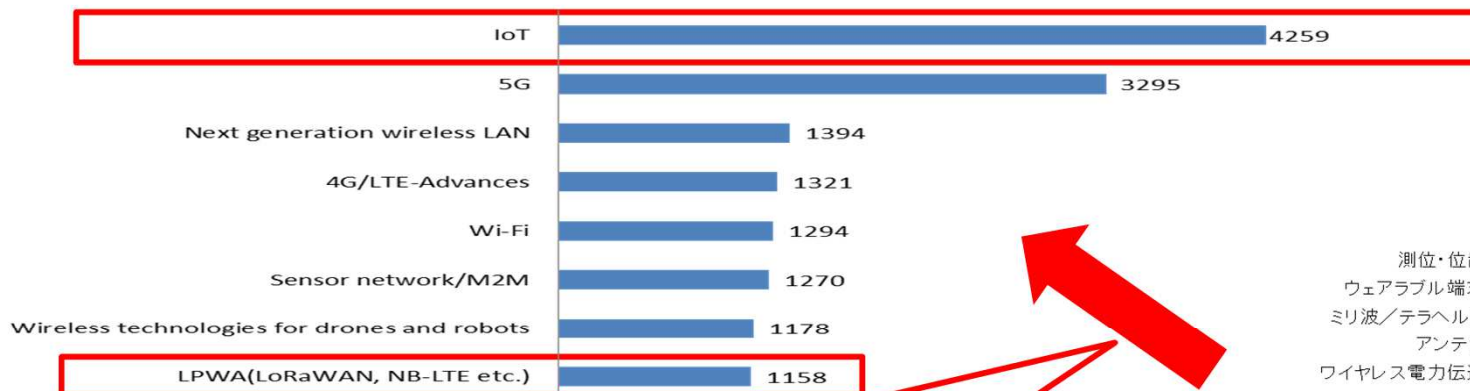
Cooperated by NTT DOCOMO, INC., "5G Tokyo Bay Summit 2018" will be held at WTP2018 to present the 5th generation mobile communication systems, the latest communication technology. Offering the best place to show the research results and possibilities for practical use through exhibitions and seminars to telecommunication carriers and telecommunication manufactures in Japan and overseas.



The show management office is planning other events to reflect the latest trends in the market. We are welcoming any tie-up events²

IoT (Internet of Things)

The utilization of communication and sensor technologies has realized the Internet of Things (IoT) enabling collection of large amounts of information on things, machineries and activities of human, that can be secondary used as big data. Exhibiting at WTP, the special expo for wireless technologies which is necessary to develop IoT services, you can meet prospective new customers who are seeking for new services using IoT including manufactures and system integrators.



Number of people who are interested in IoT have become 9 times larger!
About 20,000 people who are seeking for IoT solutions will attend the show including Wireless Japan held simultaneously !!

Seminars on wireless standard for IoT are also planned.

<Presenters in 2017—Excerpt>

- Prof. Shiro Sakata, Graduate School of Advanced Integration Science/ Chiba University
- Dr. Phil Beecher, Chairman, Wi-SUN Alliance
- Mr. Jean Michel Serre, President, Orange Japan Co., Ltd.
- MR. Michael Lee, Ecosystem/ Director, Global Ecosystem Partner, Asia, SIGFOX
- Mr. Wu Liangping, Vice President of cellular IoT product line, Huawei Technology Co. Ltd,



Location services ~QZSS, Indoor positioning, Use of location information~

Positioning technologies is being applied to various fields of industries along with IoT. Especially, indoor positioning technologies are being implemented by manufacturers to make work process more efficient. In Japan, positioning and location solutions are drastically spreading after the launch of four quasi-zenith satellites, that enabled more precise positioning.

WTP 2018 will offer you matching opportunities with your prospective new customers by realizing demonstration or exhibiting real equipment as well as series of seminars.

[Seminars in the previous show]

Location services

-Satellite positioning, Indoor positioning and location information needed for IoT-

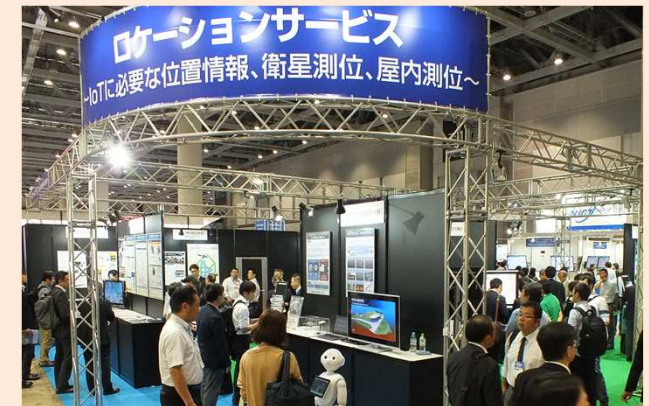
- Tokyo University of Marine Science and Technology
- NEC
- Satellite Positioning Research and Application Center
- AISAN TECHNOLOGY
- Ritsumeikan University
- MULTISOUP
- Japan IBM Tokyo Laboratory
- SoftBank

-Location information to support IoT 1-indoor positioning-

- Nagoya University
- Ubisense
- The Jikei University School of Medicine

-Location information to support IoT 2-Satellite positioning-

- Tokyo University of Marine Science and Technology
- Waseda University
- GNSS Technologies



Flexible Factory Project ~Use of wireless communications for surveillance and management at manufacturing floor~

As IoT solutions manufacturers are implementing IoT solutions for their efficient work, it is widely said that wireless communication at manufacturing site tends to be unstable.

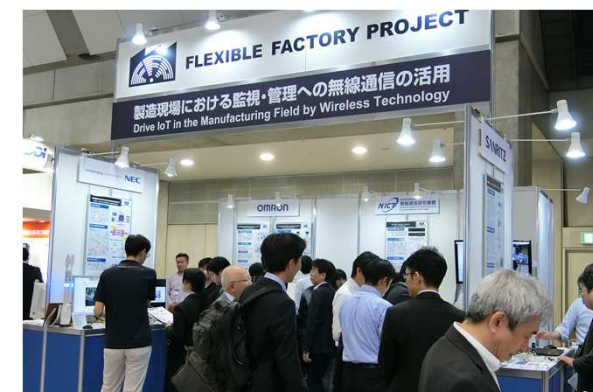
Flexible Factory Project will introduce attempts done regardless of industries to actualize various wireless communications at factories through seminars and exhibitions. It would be beneficial for you to exhibit at the show where about 20,000 of manufacturers would attend.

【Seminars in the previous show】

Flexible Factory Project

~Use of wireless communications for surveillance and management at manufacturing floor~

- National Institute of Information and Communications Technology (NICT)
- OMRON
- Sanritz Automation
- Mobile Techno
- NEC Communication Systems



ITS(Connected Cars, Automated safe driving)

Automobile technologies are developing to the new form such as autonomous cars and supports for safe driving by using "IoT", "5G" and big data or open data.

"Communication" is getting more and more important to support information gathering and distribution.

WTP 2018 will set up the special area to introduce the latest technologies and solutions to support acceleration of communication and capacity enlargement. In addition, seminars to introduce the latest situation of the industry will be taken place to help business matching with exhibitors and attendees.

【Seminars in the previous show】

The trend for technologies of connected cars

- Ministry of Internal Affairs and Communications
- Fukuoka city
- Aizuwakamatsu city
- Maebashi city





Flexible Factory Project

~Use of wireless communications for surveillance and management at manufacturing floor~

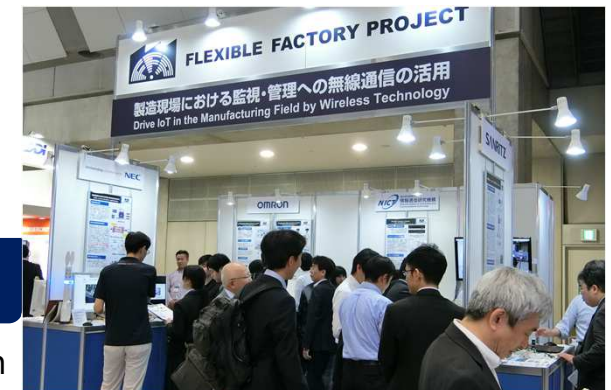
As IoT spreads among manufacturers, stableness of wireless communication at manufacturing site is becoming essential. Through seminars and exhibitions, Flexible Factory Project will introduce various attempts made by the co-work of different industries to enable wide variety of wireless communications system at factories. You will be benefitted by exhibiting at the show where about 20,000 of manufacturers would attend.

[Seminars in the previous show]

Flexible Factory Project

~Use of wireless communications for surveillance and management at manufacturing floor~

- National Institute of Information and Communications Technology (NICT)
 - OMRON
 - Sanritz Automation
 - Mobile Techno
 - NEC Communication Systems



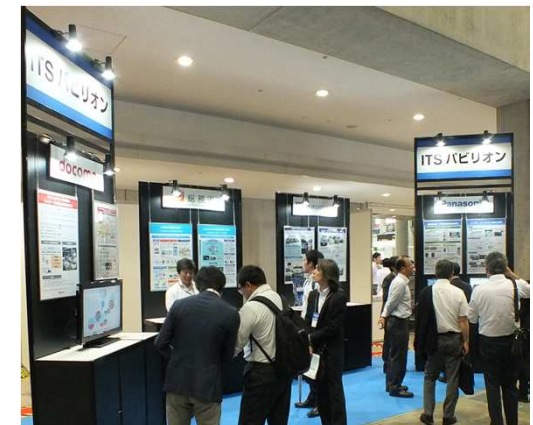
ITS (Connected Cars, Automated safe driving)

As the IoT and 5G are being implemented, the target of ITS is shifting to the new area such as the utilization of big data and open data, supports for safe-driving, autonomous cars, etc. "Communication" is getting more and more important to support information gathering and distribution. WTP 2018 will set up the special area to introduce the latest technologies and solutions to support acceleration of communication speed and capacity enlargement. In addition, seminars to introduce the latest situation of the industry will be planned to help business matching between exhibitors and visitors.

[Seminars in the previous show]

The trend for technologies of connected cars

- Ministry of Internal Affairs and Communications
- Fukuoka city
- Aizuwakamatsu city
- Maebashi city



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Exhibit Space & Package Plan

Option1: Space only

*Members indicates YRP members.

Non-members	JPY 469,800/square (3m x 3m)
Members	JPY 427,680/square (3m x 3m)

Option2: Space with package booth

Non-members	JPY 577,800/square (3m x 3m)
Members	JPY 535,680/square (3m x 3m)

Option3: Trial package booth

JPY 162,000/booth (1.5m x 1.5m)

Option4: Poster presentation package

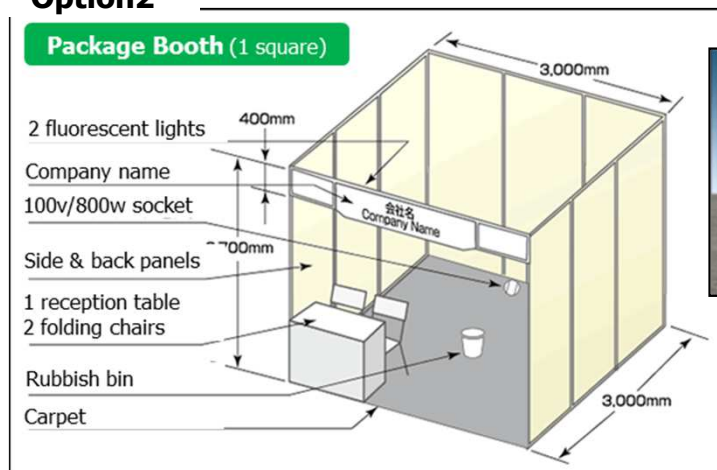
JPY 60,000/panel (W1m x H2.7m with carpet)
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Wish for a corner booth?

With additional cost of JPY21,600, you can have your booth at a corner, which is facing aisle and does not adjacent with other booth.

Option2

*All fees shown in this page include 8% tax.



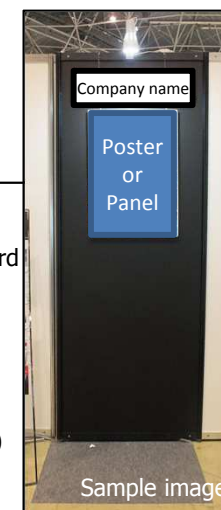
Option3



- ✓1 fluorescent light
- ✓Company name board
- ✓1 100v/500w socket (incl. usage fee)
- ✓1 Back panel (W1m x H2.7m)
- ✓1 display table (W1m x H1m x D0.5m)
- ✓Carpet

Option4

- ✓Company name board
- ✓1 spotlight
- ✓1 Back panel (W1m x H2.7m)
- ✓Carpet (1m x 0.7m)

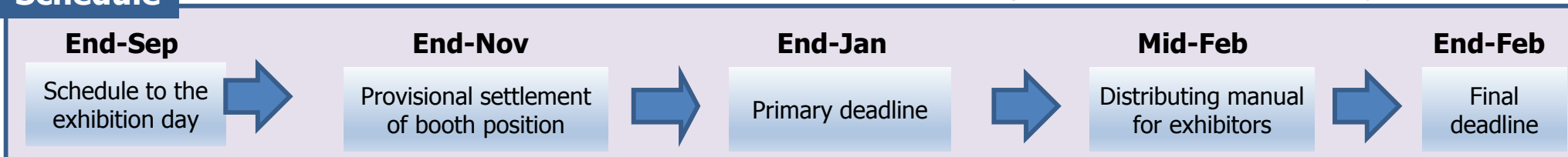


Additional Opportunities

- **Exhibitors presentation: JPY 216,000/session (20 mins)** *including information of 200 registrants (approx.) of the session
- **Bar code system: JPY 54,000** *Scanned data will be provided in EXCEL format approximately 8 business-day after the show.
- **Targeting e-mail advertisement: JPY 108,000/distribution** *E-mail will be sent concurrently with e-mail magazine from the organizer.
- **WEB banner: JPY 108,000** *Banner will be posted from late March 2017 until the end of June 2017.
- **Advertisement at the exhibition hall:** Please ask to the show management office.

For further details, please ask to the show management office.

Schedule



Summary of WTP 2017

Exhibition

Number of institution/companies joined: 113 (112 in 2016)



Number of total visitors: **50,574**

※including visitors to expos held simultaneously

Attendees to WTP: **11,586** ※excluding visitors entered from expos held simultaneously

Break down	weather	2017	2016
May 24	sunny	16,260 ↑	14,603
May 25	cloudy	15,528 ↑	13,077
May 26	Rainy→cloudy	18,786 ↓	19,428
Total		50,574 ↑	47,108

Break down	2017	2016
May 24	3,760 ↑	3,233
May 25	3,633 ↑	2,906
May 26	4,193 ↓	4,916
Total	11,586 ↑	11,055

Up 3,466 (7%)

Up 531 (5%)

Seminar

Number of seminars: 125 (112 in 2016)

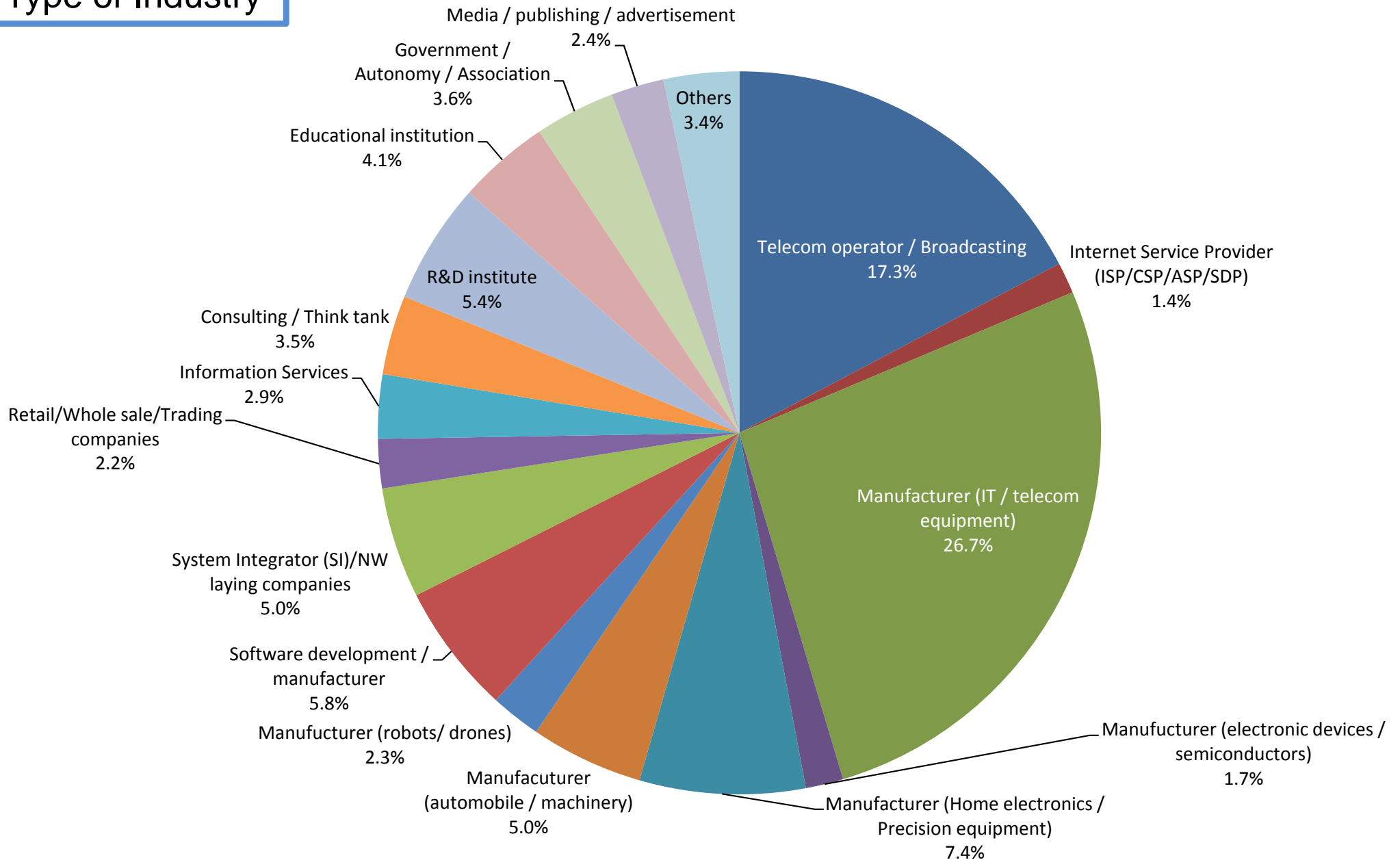
Number of attendees: 9,820 (6,474 in 2016)

Academia program

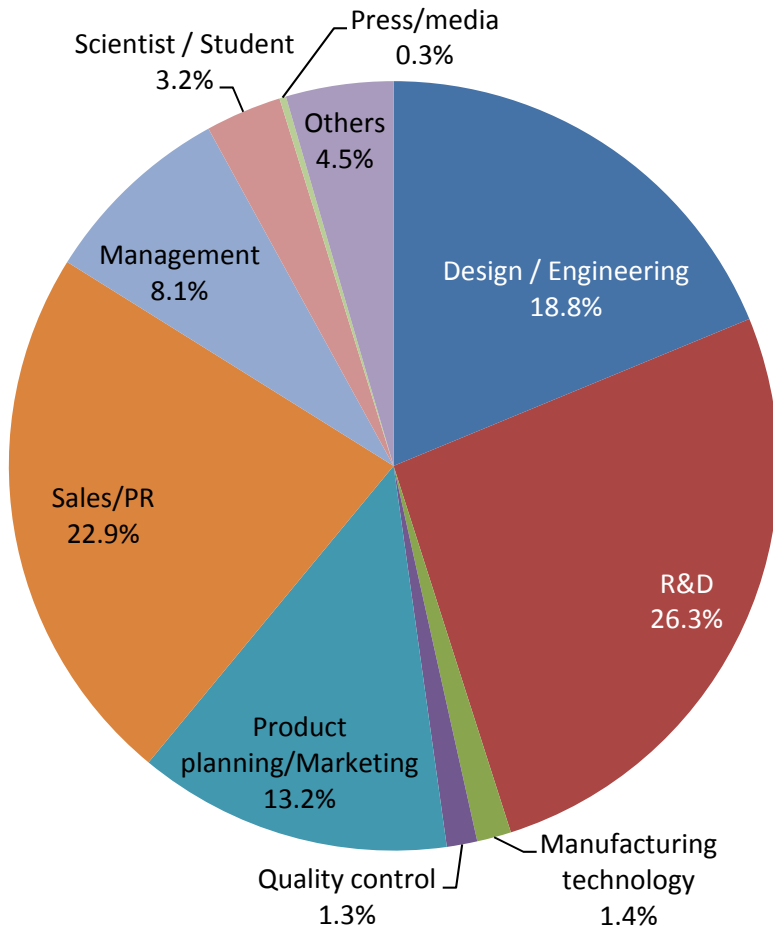
Number of institute exhibited posters: 9 (12 in 2016)

Technical Committee on Smart Radio exhibition: 15

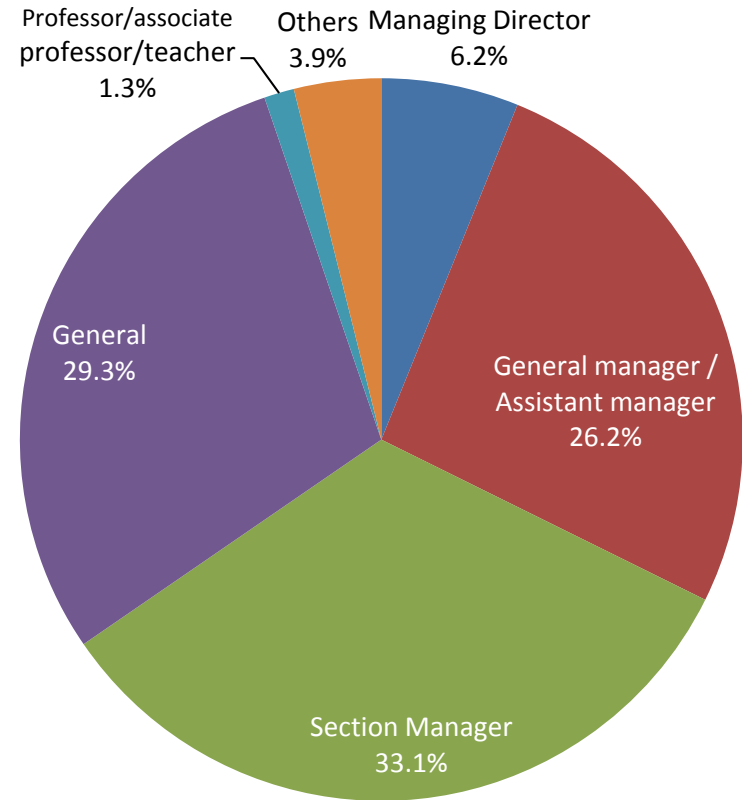
Type of Industry



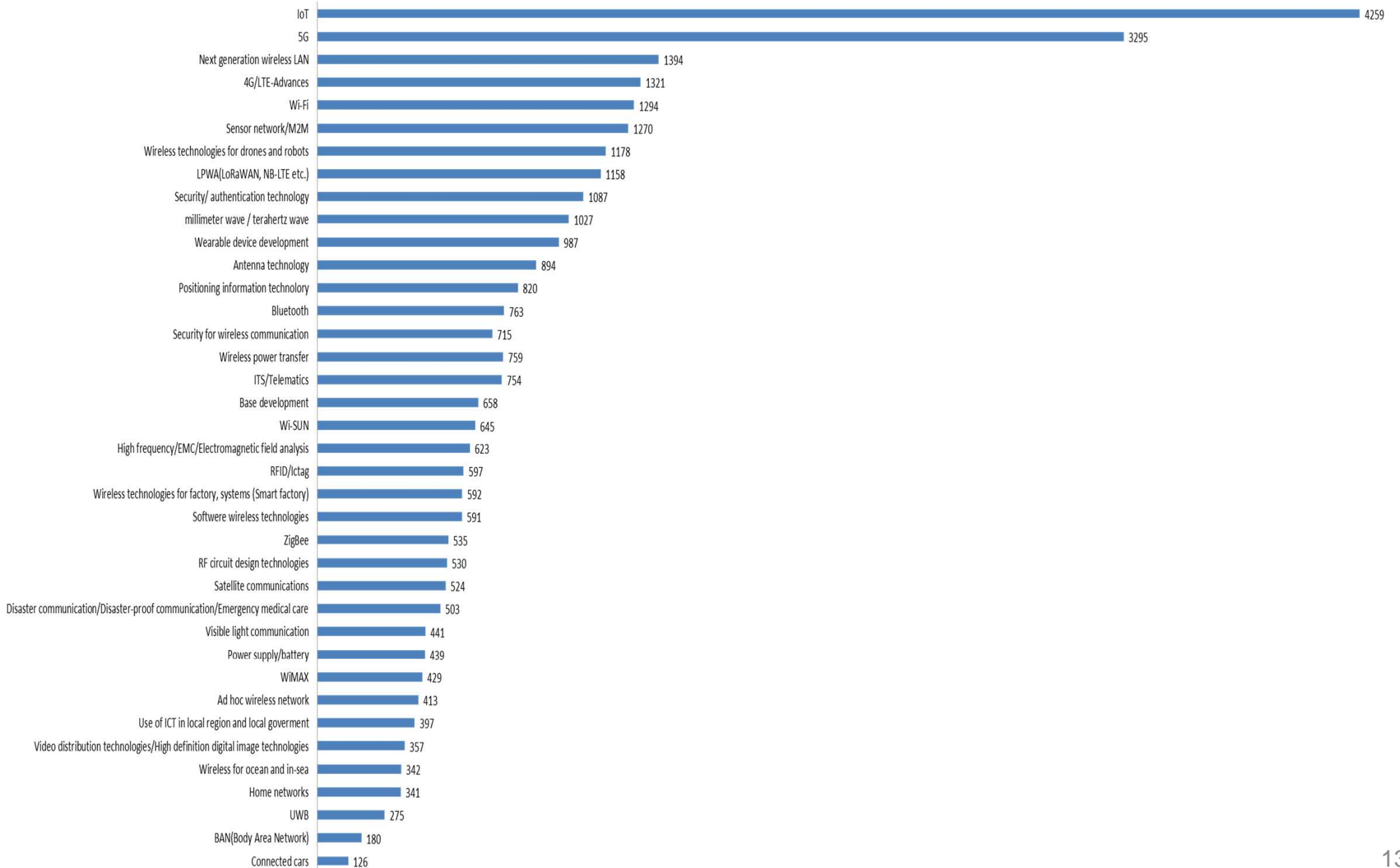
Department



Position



Items of interest



WTP supports exhibitors and visitors for their international collaboration in researches and/or their business matching with special programs and services.

“WTP International Day” was held on May 25 as an opportunity to present Japan’s latest technologies to overseas visitors as well to acknowledge technical trends and needs in the world. On the day, series of seminars by foreign organizations were carried out, and explanations in English at exhibitors’ booths were available.

Number of foreign visitors : 402 people (373 people in 2016)

【Exhibitors】

Sequans Communications, Embassy of Denmark, etc.

【Seminars】

Number of audiences to related seminars : 1,184 audiences



International Session Part 1 - Growing Expectations for Low-power Wide Area Network-

Free admission, English, No Japanese interpretation

Opening Address

Shingo Ohmori Vice President of YRP R&D Promotion Committee / President of YRP International Alliance Institute

【Keynote】 Emerging LPWA as a core of IoT: Overview and Perspective

Shiro Sakata Graduate school of Advanced Integration Science/Professor Chiba University

Interoperable Wireless Communications for IOT

Phil Beecher, Chairman, Wi-SUN Alliance

Orange confirms to go with LoRa for IoT

Jean Michel Serre, President, Orange Japan Co., Ltd.

Make things come alive

Michael Lee, Ecosystem/ Director, Global Ecosystem Partner, Asia, SIGFOX

NB-IoT: Ready for Global commercial Launch Now

Wu Liangping, Vice President of cellular IoT product line, Huawei Technology, Ltd.

Panel Discussion

【Chair】 Shingo Omori 【Moderator】 Shiro Sakata
 【Panelists】 Jean-Michel Serre, Michael Lee, Phil Beecher, Wu Liangping



International Session Part 2 - Presentations by invited speakers and foreign exhibitors -

Free admission, English speech, No Japanese interpretation

Security in 5G, let's not do the mistakes of 2G, 3G and 4G

Sylvain Guilley, Co-founder and lead scientific advisor, Secure-IC

Meeting the challenges of 5G wireless with Artificial Intelligence (A.I.)

Monty Barlow, Director, Wireless and Digital Services, Cambridge Consultants Ltd.

Single chip solutions for LTE CATM1 and NB-IoT

Niall Keegan, Director, Business Development, Japan, Sequans Communications

CEA-LETI solutions for 5G and Beyond

Antonio De Domenico, Research Engineer, Security, Smart Devices and Telecommunication Department, CEA LETI

Imec's solutions for the future: white-box IP for 5G, mm-wave, ultra-low-power wireless and IoT

Taishi Kubota, Strategic Partnerships Japan, IMEC OFFICE JAPAN

Media Partner's Session

Free admission, English speech, No Japanese interpretation

RF Front End modules & components for cellphones : market and technology trends

Claire Troadec, Activity Leader, RF Devices and Technologies, Yole Développement

Session by Embassy of Denmark

Free admission, Japanese speech, No English interpretation

The impacts of digital Denmark=the future of the advanced society platform where wireless technologies and IoT are integrated=

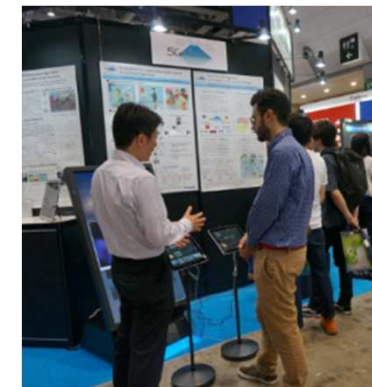
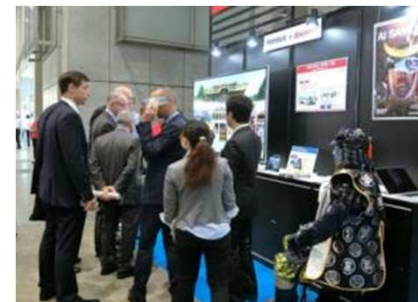
Kensuke Nakajima, Senior Investment Manager, Embassy of Royal Denmark

Introduction of advanced cases in the smart city - projects in Denmark -

Yoshiyuki Hamada Director, Chief Technology Officer and Innovation Center Tokyo, Cisco Systems G.K.

【Other】

WTP 2017 received several foreign visitors such as Luxembourg ICT Business mission.



113 Companies and organizations (112 in 2016) *including other departments of same companies

AI ELECTRONICS, ANRITSU CORPORATION, Association of Radio Industries and Businesses, AWR Japan (National Instruments), Broadband Wireless Forum, Boole Japan, CommAgiliy, Cornes Technologies, FARAD CORPORATION, FUJITSU, Hitachi Kokusai Electric, interplan, Japan Radio, Japan Telegartner, Johokobo, Kanagawa Prefectural Government, KDDI CORPORATION, KDDI Research, Komine Musen Denki, KOZO KEIKAKU ENGINEERING, MARUBUN CORPORATION, Meico Electronic, M2M Solutions, Microwave Factory, MITSUBISHI ELECTRIC ENGINEERING COMPANY, National Institute of Information and Communications Technology (NICT), NEC Corporation, Nissin Systems NTT DOCOMO, Royal Danish Embassy, Sequans Communications, StarBridge, Telecom Engineering Center, The Telecommunication Technology Committee(TTC), TOKYO KEIKI AVIATION, Tokyo Metropolitan Industrial Technology Research Institute(TIRI), TOYO Corporation, Wireless Power Management Consortium(WPMc), YRP R&D Promotion Committee, ZTE JAPAN K.K.

■ ITS Pavilion

Aisan Technology, NTTdocomo, Ministry of Internal Affairs and Communications, Panasonic

■ 5G Tokyo Bay Summit Pavilion

ANRITSU, Intel Japan, NTTdocomo, Ericsson Japan, Keysight Technologies Japan, QUALCOMM, samsung, NEC•ALSOK, National Instruments Japan, Nokia Solutions and Networks Japan, Panasonic, Huawei Technologies Japan, Fujitsu, Mitsubishi Electric, MediaTek, Rohde & Schwarz Japan

■ Problem-solving of local governments in IoT era

Aizuwakamatsu City, Ministry of Internal Affairs and Communications, Maebashi City/ The Organisation for the Promotion of ICT Community Development and Common Platform

■ Flexible Factory Project Pavilion- Drive IoT in the manufacturing Field by Wireless Technology

NEC, NEC Communication Systems, OMRON, Sanritz Automation, National Institute of Information and Communications Technology, Fujitsu

■ Location Service Pavilion - QZSS, Indoor positioning, Location-based services –

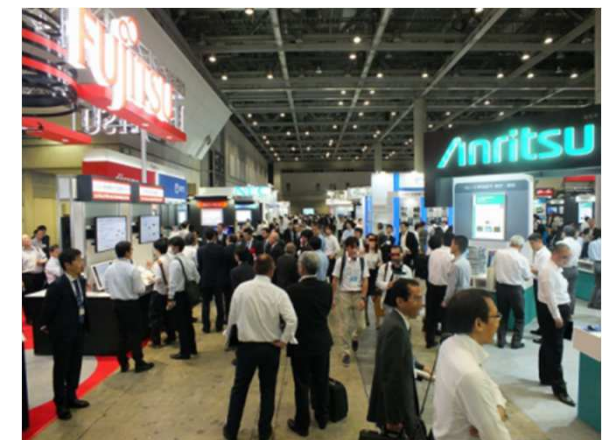
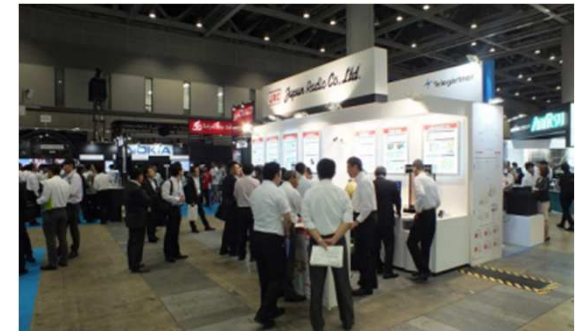
AISAN TECHNOLOGY, Satellite Positioning Research and Application Center, Jena, Quasi-Zenith Satellite System Services, GNSS Technologies, The Institute of Positioning, Navigation and Timing of Japan / IPIN2017, Tokyo University of marine Science and Technology, Nagoya University / Lisra, GIT Japan, MULTISOUP, Ubisense, Ritsumeikan University

■ Academia Poster session (Exhibition Day May24-25)

Sophia University, Tokyo University of Science, SUWA, The University of Electro-Communications, Tokyo Institute of Technology, Tokyo Denki University, Toyo University, Yokohama National University, Ritsumeikan University

■ Technical Committee on Smart Radio (Exhibition May 26)

National Institute of Technology, Akashi College, Kyoto University, National Institute of Information and Communications Technology, Shinshu University, The University of Electro-Communications, Tokyo Institute of Technology, Tokyo University of Agriculture and Technology, Tokyo University of Science, Tohoku University, National Institute of Technology, Toyama college, Nigata University, Nippon Institute of Technology, NEC, Panasonic, Fukuoka University, Fraunhofer



Main Theme “5G & IoT- Creating New Value”

- Date : May 24-26, 2017
- Venue : Tokyo Big Sight West Hall 1, Meeting rooms
- Expos held simultaneously: Wireless Japan 2017/Wireless IoT EXPO2017, Transport System EXPO2017, IDE TOKYO-Drone Solutions & Technologies-2017
- Organizers: National Institute of Information and Communications Technology), 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 Organizing Committee:
 - Advanced Telecommunications Research Institute International (ATR) / 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/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
- Endorse:
 - Architectural Institute of Japan/ Association of Radio Industries and Businesses (ARIB)/ Communications and Information Network Association of Japan (CIAJ)/ IMES Consortium/ 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
- Special Support: Yokosuka Telecom Research Park, Inc.
- Academic Support:
 - IEEE VTS Tokyo Chapter/Technical Committee on Mobile Network and Applications, IEICE/ Technical Committee on Radio Communication Systems (RCS), IEICE/Technical Committee on Satellite Communication, IEICE/ Technical Committee on Smart Radio, IEICE
- Cooperation: The council for info-communications promotion month
- Show Management Office: EJK Japan, Ltd.

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Enquiry Form

【Get 10% discounts by applying by Sep 30 !】

WTP2018 Outline

Data : May 23-25, 2018 Venue : West Hall 3・4 & Conference Tower , Tokyo Big Sight

(The expo is held simultaneously with : Wireless Japan/ Wireless lot EXPO 2018, Transport System EXPO 2018,
IDE TOKYO- Drone solutions & Technologies-2018)

【1】Enquiry:

- Wish to exhibit Wish to consider exhibiting Wish to know details about the show
 Wish to know about expos held simultaneously

【2】Number of booths: _____ booth(s) **【3】Application would be confirmed by** ___ M ___ Y

【4】 Please write down other enquiries

Company name: _____

Department/Position: _____

Your name _____

TEL: _____

E-mail: _____

WTP2018 show management office

EJK Japan Ltd.

Landmark Shibakoen 7F, 1-2-6, Shibakoen, Minato-ku, Tokyo

105-0011 JAPAN

TEL: 03-6459-0444 FAX: 03-6459-0445

E-mail:tech-wtp@ejk-japan.co.jp

▼ Please fax to 03-6459-0445 ▼