Wireless Technology Park (WTP) 2018

～ 5G x IoT and beyond ～

Event Report

- Date: May 23-25, 2018 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 2018 /IDE TOKYO- drone solutions & technologies- 2018 /
  Transport System EXPO 2018, 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/2018/en

WTP 2018 Event Data

Exhibition

Number of institutions/companies joined : **115** (113 in 2017)

Total attendees : **54,423 ppl**

Breakdown	Weather	2018	2017
May 23 (Wed)	Cloudy → Sunny	16,677 ↑	16,260
May 24 (Thu)	Sunny	17,454 ↑	15,528
May 25 (Fri)	Sunny	20,292 ↑	18,786
Total		**54,423** ↑	50,574

*Including visitors to expos held simultaneously

3,849 (7.6%) ↑

WTP 2018 visitors : **12,357 ppl**

Breakdown	2018	2017
May 23 (Wed)	3,970 ↑	3,760
May 24 (Thu)	4,021 ↑	3,633
May 25 (Fri)	4,366 ↑	4,193
Total	**12,357** ↑	11,586

*Excluding visitors from expos held simultaneously

771 (6.7%) ↑

Seminar

Number of seminars: 122 (125 in 2017)
Co-organized seminars with Wireless Japan 2018: 21

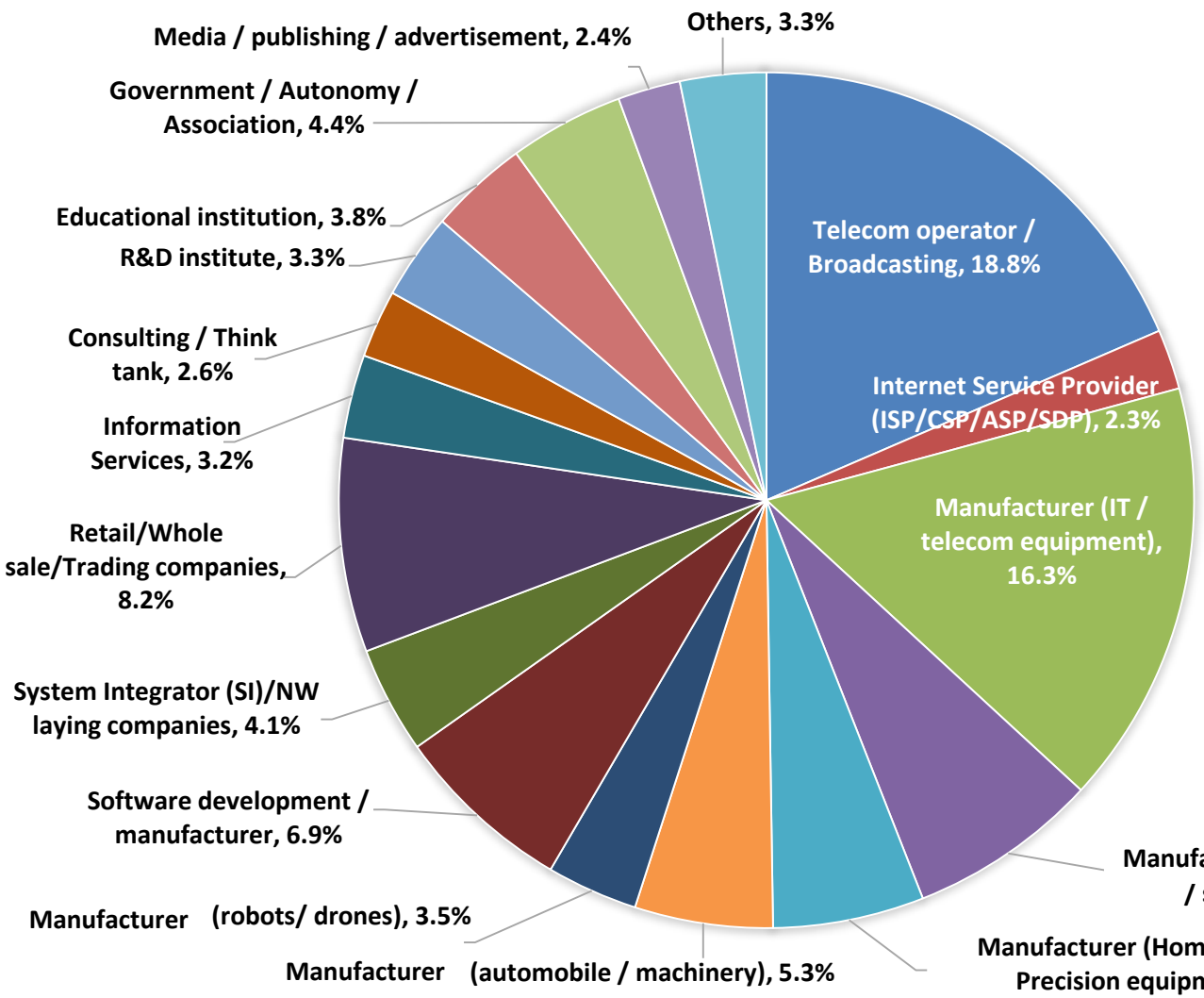
Number of audience: 13,110 (9,820 in 2017)
*Including audience in co-organized seminars

Academia Program

- Number of institutes exhibiting in the Academia Poster Session: **6 universities & 14 Posters** (9 univ. & 17 posters in 2017)
- Exhibition by IEICE Technical Committee on Smart Radio: **11 out of 19 institutes** (14 out of 16 institutes in 2017)
- 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): **16 out of 18 institutes**

*First time to join in WTP

Visitor profile 1: Business category



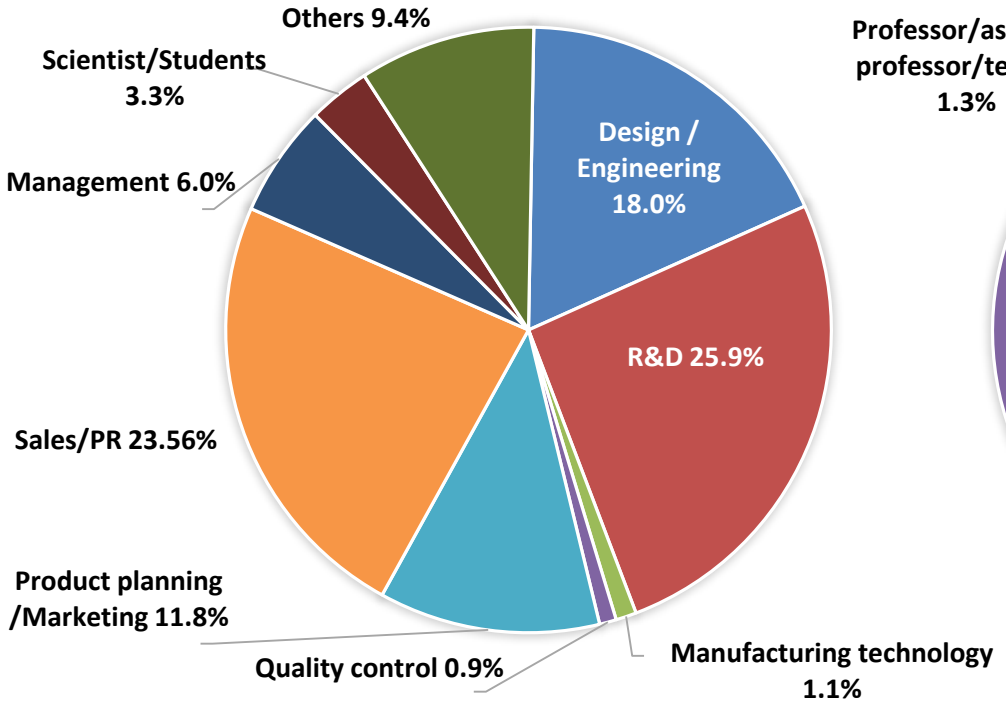
Data in WTP 2017

Telecom operator / Broadcasting…17.3 %
Internet Service Provider(ISP/ASP/CSP) … 1.4 %
Manufacturer (IT / telecom equipment) … 26.7 %
Manufacturer (electronic devices / semiconductors)1.7%
Manufacturer (Home electronics / Precision equipment)… 7.4 %
Manufacturer (automobile / machinery)… 5.0%
Manufacturers (robots/ drones)… 2.3 %
Software development / manufacturer… 5.8 %
System Integrator (SI)/NW laying companies… 5.0 %
Retail/Whole sale/Trading companies… 2.2%
Information Services… 2.9 %
Consulting / Think tank… 3.5%
R&D institute… 5.4 %
Educational institution … 4.1%
Government / Autonomy / Association… 3.6%
Media / publishing / advertisement… 2.4 %
Others… 3.4%

6% increase in “Manufacturer of electronic devices/ semiconductors” and “ Retail/ Whole sale/ Trading companies” compared to WTP 2017

Visitor profile 2: Department, Position

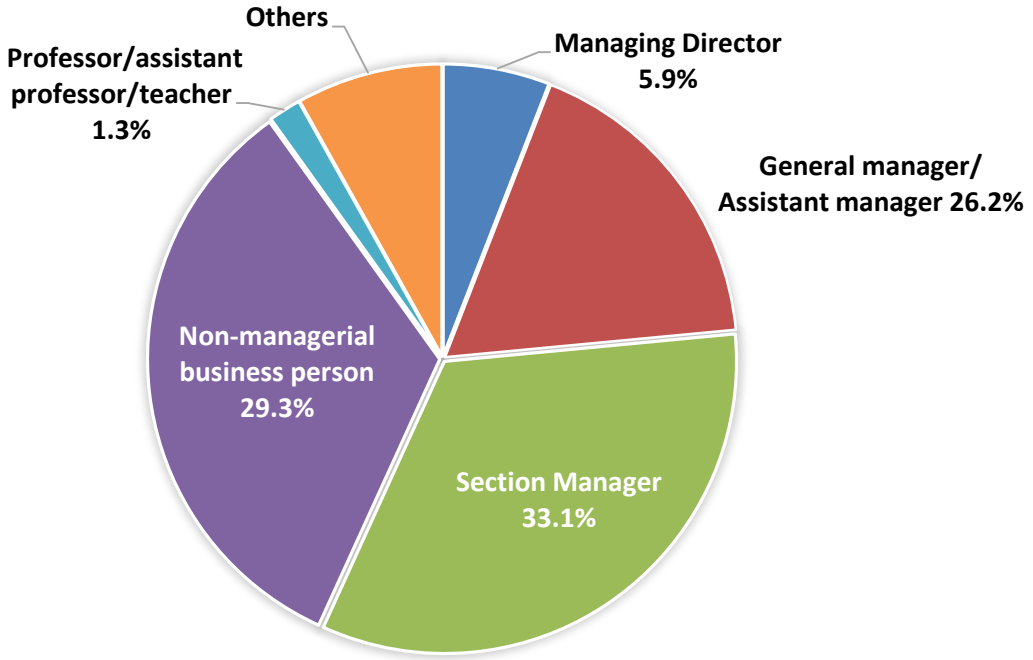
Department



Data in WTP 2017

Design / Engineering… 18.8 %
R&D…26.3%
Manufacturing technology… 1.4 %
Quality control … 1.3 %
Product planning/Marketing … 13.2 %
Sales/PR … 22.9 %
Management… 8.1 %
Scientist / Students… 3.2%
Press…0.3%
Others… 4.5 %

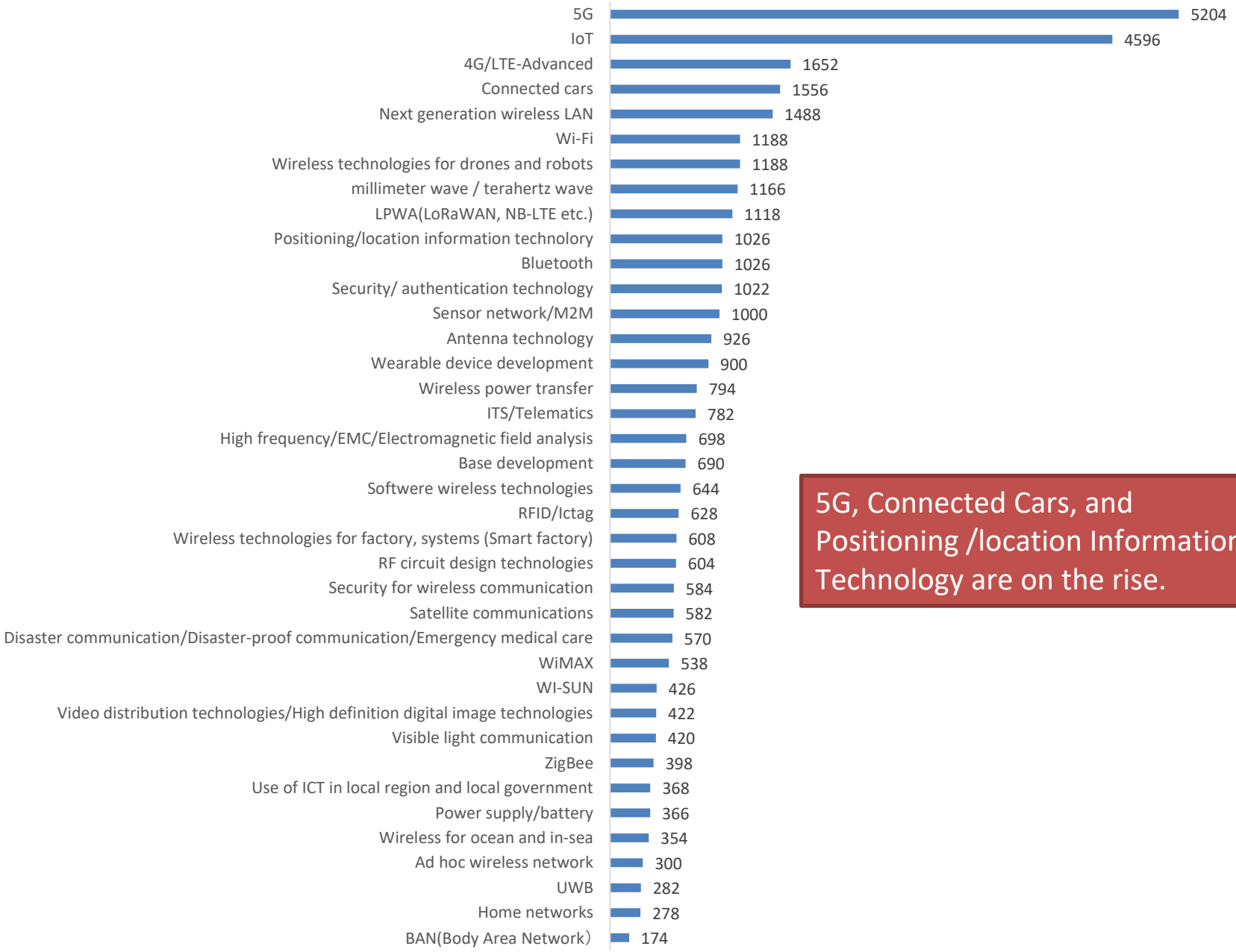
Position



Data in WTP 2017

Managing Director… 6.2%
General manager / Assistant manager … 26.72%
Section Manager… 33.1 %
Non-managerial business person… 29.3%
Professor/associate professor/teacher… 1.3%
Others… 3.9%

Visitor profile 3: Interested technical field

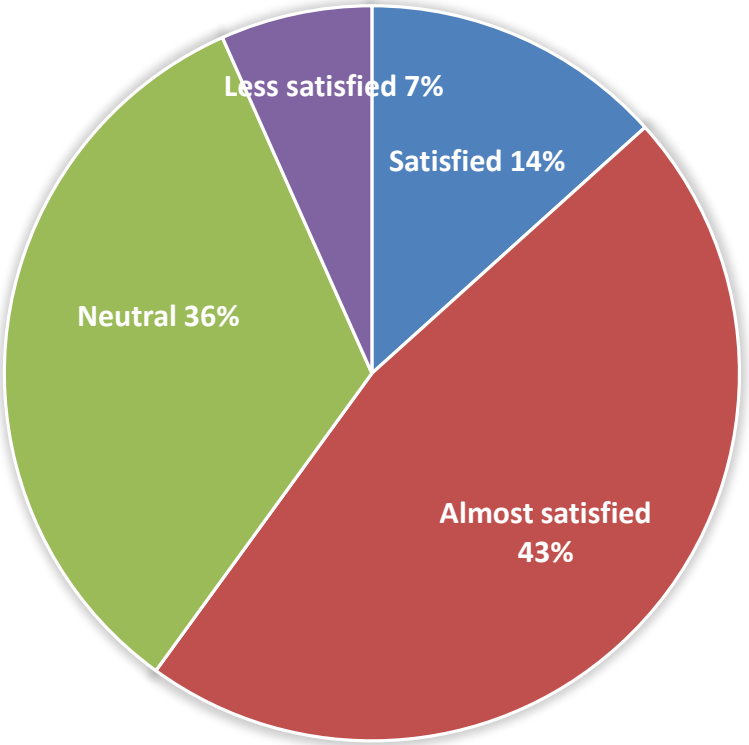


5G, Connected Cars, and Positioning /location Information Technology are on the rise.

Data on exhibitors 1: Purpose, Satisfaction

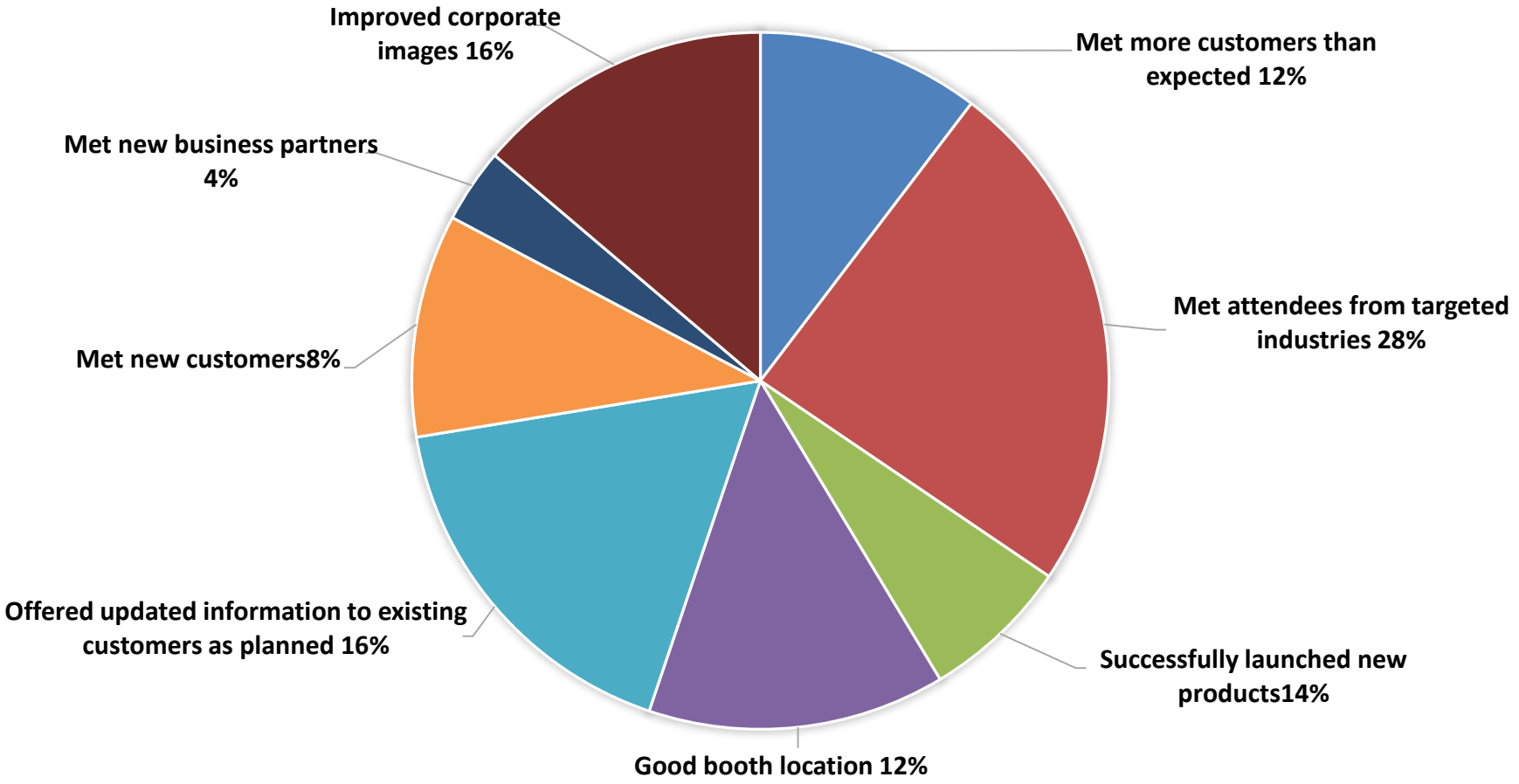
Purpose

Satisfaction



More than 50% are satisfied with their results!

Data on exhibitors 2: Event Results

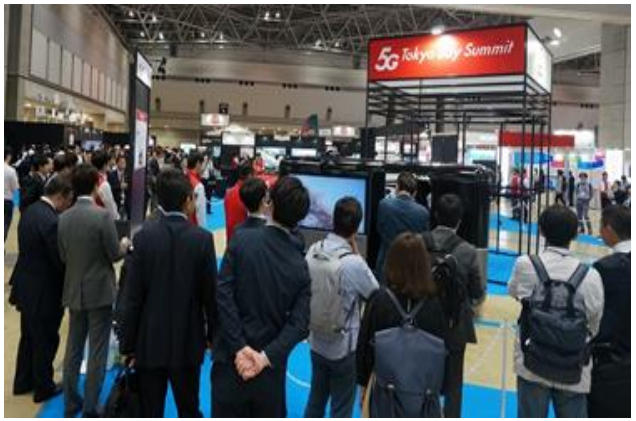


- Number of business cards exchanged with visitors: 168 on average
- Number of meetings for prospective business deals: 10.6 on average

Pavilions

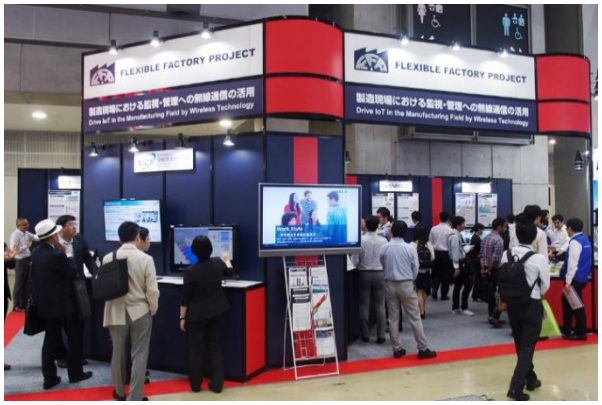
5G Tokyo Bay Summit®2018 organized by NTT DOCOMO

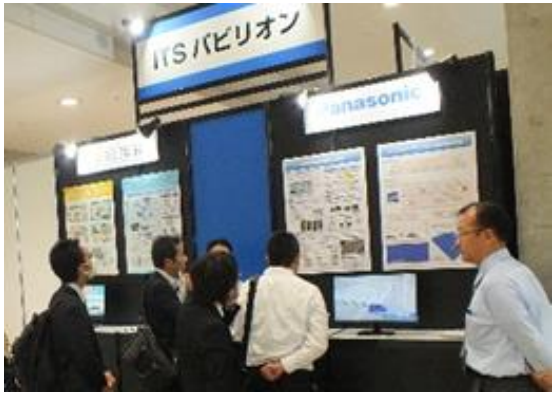
ITS Pavilion



Specially-trained English-speaking booth personnel were fielding questions

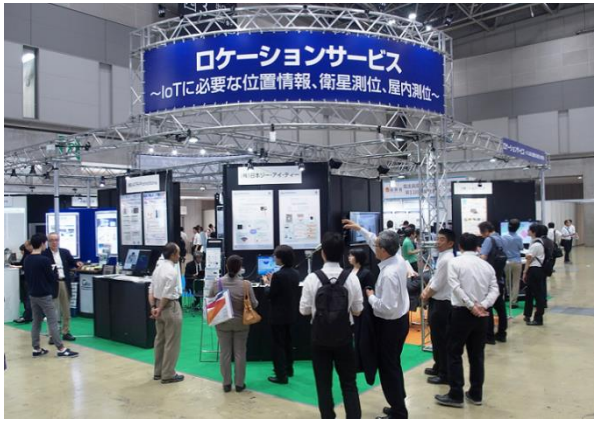
Flexible Factory Project Pavilion



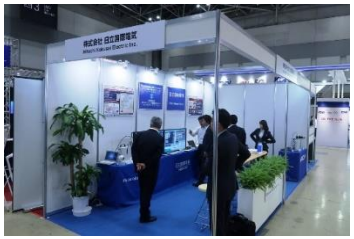


Regional Revitalization

Location Services Pavilion



Major booths & Seminars



Keynote Presentations in Conference Tower

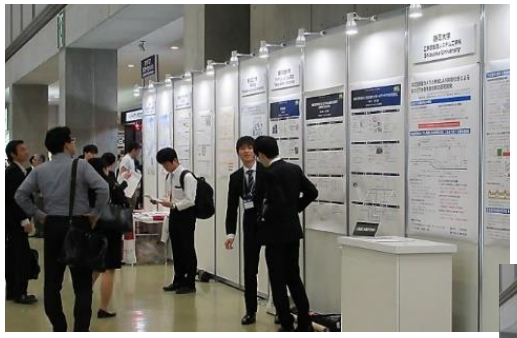
Seminars in exhibition halls

Academia Program

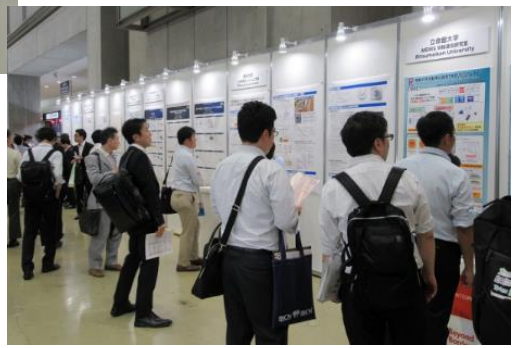
Academia Poster Session

Multi-purpose walls were offered at no cost for 3 days btw May 23 and 25, to present research results for laboratories of undergraduates and postgraduates.

6 university laboratories participated in the Session and 14 posters were exhibited.

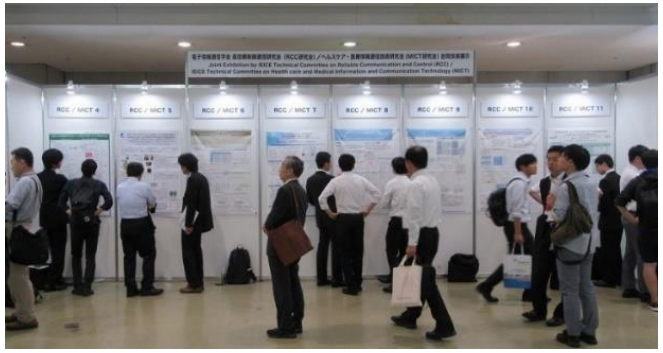


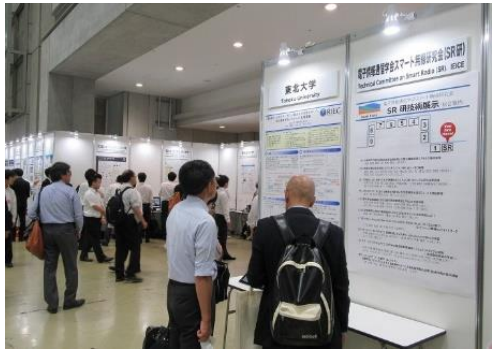
Applications from overseas universities were also welcomed.



Collaboration with IEICE Technical Committees

- Joint Exhibition by IEICE Technical Committee on Reliable Communication and Control (RCC) and IEICE Technical Committee on Health care and Medical Information and Communication Technology (MICT) - May 23-24
- Exhibition and Seminars by IEICE Technical Committee on Smart Radio - May 25





Internationalization of the event - 1

At WTP 2018, with a global aim to support the expansion of R&D activities and the development of new businesses around the world, booth tours with an English-speaking guide were conducted for overseas visitors while seminars by foreign institutes and companies were organized to introduce state-of-the-art technologies, market needs, and international trends.

Number of foreign visitors : 400 (402 in 2017)

[Foreign-affiliated exhibitors]

CEA-Tech, Royal Danish Embassy, etc.

[Seminars]

Total number of audience in related seminars: 300

Language: English

International Session (AI, Smart Factory, Security, etc.)

[Admission free, Language: English without interpretation]

Augmenting Human Minds – From Artificial Intelligence to Intelligence Amplification Andreas Dengel, Member of the Management Board / Scientific Director, German Research Center for Artificial Intelligence (DFKI), Germany
Wireless communication, sensors and Artificial Intelligence are enabling the next generation of Intelligent Things at the Edge Marc Duranton, CEA Fellow, Architecture, IC design and Embedded Software Division, CEA Tech, France
CyberEU (Cyber Escort Unit) : Hardware-enabled cybersecurity against ROP attacks Sylvain Guilley, Co-founder and CTO, Secure-IC, France
Towards 5G Enterprise System Solution Li-Fung Chang, Chief Architect, 5G Technology Program Office, Department of Industrial Technology (DoIT), Ministry of Economy Affairs (MOEA), Taiwan

Royal Danish Embassy Session

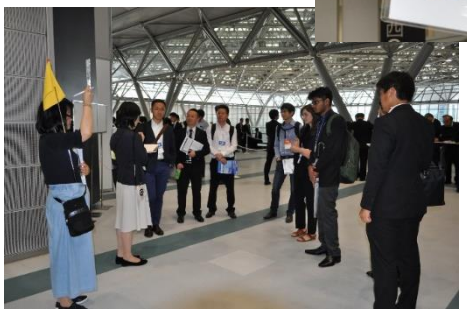
[Admission Free, Language: Japanese without interpretation]

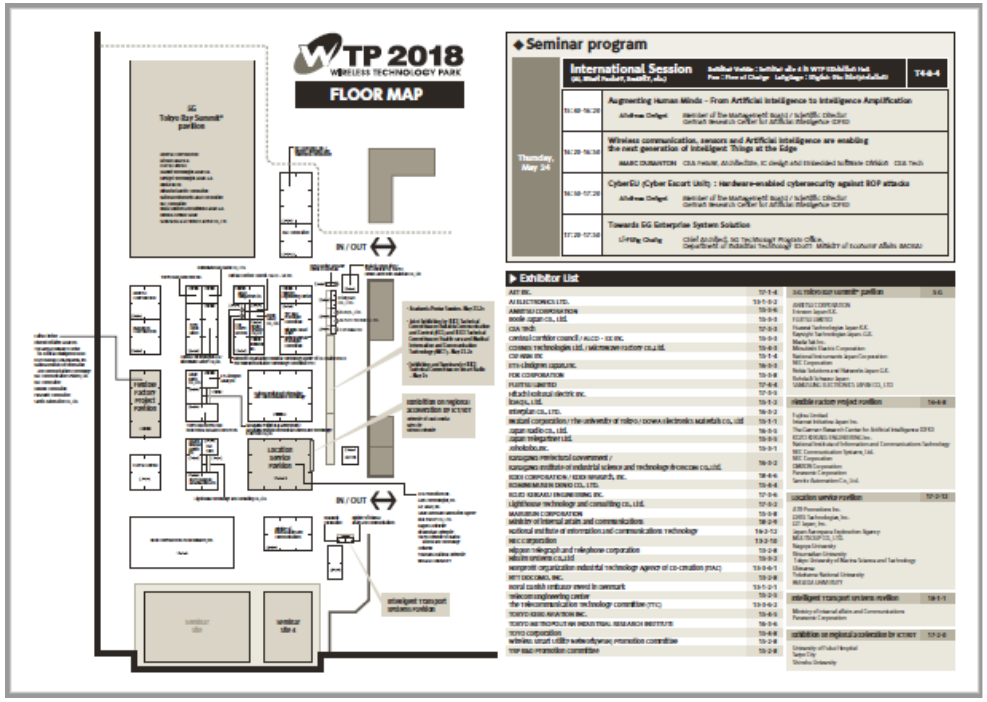
Impact of Digital Denmark Kensuke Nakajima, Senior Investment Manager, Royal Danish Embassy

Internationalization of the event - 2

Booth Tours with an English-speaking guide

To make WTP more accessible and satisfactory for foreign visitors, 90-minute tours were organized with an English-speaking booth guide for 3 times during the event.





[Nationalities of oversea visitors]

South Korea, China, Hong Kong, Taiwan, Vietnam, Malaysia, Singapore, Indonesia, Bangladesh, India, Kazakhstan, Finland, Ireland, UK, Germany, France, Spain, Italy, Senegal, Gambia, Cote d'Ivoire, Kenya, Tanzania, Malawi, Madagascar, South Africa, USA, Brazil, Australia

Exhibitor List

115 Companies and organizations

(113 in 2017) *including other departments of same companies

AET Inc., AI ELECTRONICS LTD., ANRITSU CORPORATION, Boole Japan Co., Ltd., CEA Tech, Centeal Corridor Council/ALCO-EX Inc., CORNES Technologies Ltd./Microwave Factory Co.,Ltd., CSFARM Inc, ETS-Lindgren Japan,Inc., FDK CORPORATION, FUJITSU LIMITED, Hitachi Kokusai Electric Inc., iDAQS., Ltd., Interplan Co., LTD., Iwatani Corporation/The University of Tokyo/DOWA Electronics Materials Co., Ltd., Japan Radio Co., Ltd., Japan Telegartner Ltd., Johokobo,Inc., 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., Lighthouse Technology and Consulting Co., Ltd., MARUBUN CORPORATION, Ministry of internal affairs and Communications, National Institute of Information and Communications Technology, NEC Corporation, Nippon Telegraph and Telephone Corporation/Nippon Telegraph and Telephone Corporation, Nissin Systems Co. Ltd., Nonprofit Organization Industrial Technology Agency of Co-Creation (ITAC), NTT DOCOMO, INC., Royal Danish Embassy Invest in Denmark, Telecom Engineering Center, The Telecommunication Technology Committee (TTC), TOKYO KEIKI AVIATION INC., TOKYO METROPOLITAN INDUSTRIAL RESEARCH INSTITUTE, TOYO Corporation, Wireless Smart Utility Network (WSN) Promotion Committee, YRP R&D Promotion Committee

- **5G Tokyo Bay Summit® 2018 Pavilion**
  ANRITSU CORPORATION, Ericsson Japan K.K., FUJITSU LIMITED, Huawei Technologies Japan K.K., Keysight Technologies Japan. G.K., MediaTek Inc., Mitsubishi Electric Corporation, National Instruments Japan Corporation, NEC Corporation, Nokia Solutions and Networks Japan G.K., Rohde & Schwarz Japan, SAMUSUNG ELECTRONICS JAPAN CO., LTD.
- **Flexible Factory Project Pavilion**
  Aizuwakamatsu City, Ministry of Internal Affairs and Communications,
  Maebashi City/ The Organisation for the Promotion of ICT Community Development and Common Platform
- **Location Service Pavilion**
  ATR-Promotions Inc., GNSS Technologies, Inc., GIT Japan, Inc., Japan Aerospace Exploration Agency, MULTISOUP CO., LTD., Nagoya University, Ritsumeikan University, Tokyo University of Marine Science and Technology, Ubisense, Yokohama National University, WASEDA UNIVERSITY
- **Intelligent Transport System Pavilion**
  Ministry of internal affairs and Communications, Panasonic Corporation
- **Exhibition on regional acceleration by ICT/IoT**
  University of Fukui Hospital, Seiyo City, Shinshu University
- **Academia Poster session**
  Ritsumeikan University, Shizuoka University, Sophia University, Suwa University of Science, Tokyo Denki University, Yokohama National University
- **IEICE Technical Committees**
  IEICE Technical Committee on Reliable Communication and Control (RCC), IEICE Technical Committee on Health care and Medical Information and Communication Technology (MICT), IEICE Technical Committee on Smart Radio

Event Outline

Main Theme "5G x IoT and beyond"

- Data: May 23-25, 2018
- Venue: West Hall 3-4, Conference Tower, Tokyo Big Sight
- Held with: Wireless Japan2018, Transport System EXPO2018, IDE TOKYO-drone solutions & technologies-2018, 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:
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

- 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)/
IECE Technical Committee on Mobile Network and Applications/ IEICE Technical Committee on Satellite Communication,/
IEICE Technical Committee on Smart Radio/ 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.

Wireless Technology Park (WTP) 2019

Inquiry form

By Sept. 28, 2018, all the applications will receive a 10% discount!

Outline of WTP 2019

Date: May 29 (Wed) -31 (Fri), 2019 Venue: West Hall 3-4, Tokyo Big Sight

Held with：Wireless Japan 2019, Transport System EXPO2019, IDE TOKYO –drone solutions & technologies-2019

1. Type of inquiry:

[ ] Want to exhibit [ ] Want to know more about the show [ ] Want to know about other expos held together

2. Number of booth(s) you wish : booth(s) 3. Final decision on the application will be made by: MM YY

4. Other inquiries

Company name:

Department/Job title:

Your name

Business card

TEL:

E-mail:

WTP 2019 Show Management Office

EJK JAPAN, Ltd.

【Contact】

E-mail: wtp-info2019@ejkjapan.co.jp

TEL: +81-3-6459-0444 FAX: +81-3-6459-0445

▼ **FAX:03-6459-0445** ▼