

Wireless Technology Park 2017



5G & IoT — Creating New Value

Date

MAY
24-26
Wed Fri

Opening
Hours

10:00 a.m.-6:00 p.m.
*Open until 5:00 pm on the final day

Venue

Tokyo Big Sight West 1 Hall

WIRELESS TECHNOLOGY PARK (WTP) is the biggest events in Japan focused on research and development of wireless communications technology, which consists of exhibition, seminars, and academic programs. Attracting 45,000 visitors each year, WTP assembles the latest products and technologies which are essential for the future development of wireless communications technology. Under the main theme "5G & IoT -Creating New Value," WTP 2017 features the 5th Generation Mobile Communications System, the most advanced technology for mobile communications, and introduces various wireless technologies applicable to the Internet of Things (IoT) throughout the show in seminars and exhibition on "5G Tokyo Bay Summit 2017," and "Flexible Factory Project," etc.

Keywords in WTP 2017

The 5th Generation Mobile Communications System (5G)
Internet of Things (IoT)
Positioning
Intelligent Transport Systems (ITS)

Offshore & Undersea Communication Technology
Telecommunication for Robots & Drone
Wireless Technologies and Systems for Factory use
Terahertz-wave sensing & communication, etc.

Admission Free by Advanced Registration!
<https://www.wt-park.com/2017/en>



WTP International Day [Thursday, May 25]

More accessible and more satisfactory experiment for foreign visitors!

English explanation will be available in major exhibition booths on this day. Furthermore, WTP secretariat is ready to assist your business matching by arranging appointments with exhibitors prior to the event. Please contact us now to find your business seeds and partners in Japan. In addition, presentations and/or panel discussion will be given in the International Session from foreign organizations/exhibitors in order to introduce the latest trends and technologies. Don't miss this opportunity!

Course T-51 International Session Part 1 "Growing Expectations for Low-power Wide Area Network"

Date May 25 **Venue** Seminar site 4 in West Hall 1 *Admission Free / Language: English (No interpretation)

10:10-10:15	Opening remarks : Shingo Ohmori, Vice president of YRP R&D Promotion Committee
10:15-10:30	Keynote speech : "Emerging LPWA as a core of IoT: Overview and Perspective" - Shiro Sakata, Professor, Chiba University
10:30-10:45	Presentation about Wi-SUN "Interoperable Wireless Communications for IoT" - Phil Beecher, Chairman of Wi-SUN Alliance
10:45-11:00	Presentation about LoRa "Orange confirms to go with LoRa for IoT" - Jean-Michel Serre, CEO, Orange Labs Tokyo
11:00-11:15	Presentation about SIGFOX "Make things come alive" - Michael Lee, Director Global Ecosystem Partner, Asia, SIGFOX
11:15-11:30	Presentation about NB-IoT "NB-IoT: Ready for Global commercial Launch Now" -Zhu Cheng, President of Cellular IoT product line, Huawei Technology Co. Ltd.
11:30-11:50	Break
11:50-12:40	Panel discussion [Chair] Shingo Ohmori [Moderator] Shiro Sakata [Panelists] Phil Beecher, Jean-Michel Serre, Michael Lee, Zhu Cheng

Course T-57 International Session Part 2 "Presentations by invited speakers and foreign exhibitors"

Date & Time May 25, 15:30-17:10 **Venue** Seminar site 6 in West Hall 1 *Admission Free / Language: English (No interpretation)

"Meeting the challenges of 5G wireless with Artificial Intelligence (A.I.)" - Monty Barlow, Director, Wireless and Digital Services, Cambridge Consultants, Ltd.
"TBD" - Sequans Communications
"CEA-LETI solutions for 5G and Beyond" - Emilio CALVANESE STRINATI, Innovation and Scientific Director, 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" - Dirk VAN EESTER, Founder & CEO, Agent for Imec Wireless and Silicon Services, D-VECS

List of Exhibitors and Highlights of Exhibition

AI ELECTRONICS LTD.
AISAN TECHNOLOGY CO., LTD
ANRITSU CORPORATION
AWR Japan K.K. (National Instruments)
Broadband Wireless Forum
Boole Japan CO., Ltd.
Central Corridor CO., LTD
CommAgility Limited.
Cornes Technologies Limited
Ericsson
FARAD CORPORATION
FUJITSU LIMITED
GIT Japan, Inc.
GNSS Technologies Inc.
HUAWEI TECHNOLOGIES JAPAN K.K.
Intel K.K
interplan Co., LTD.
ISB Corporation
Japan Radio Co., Ltd.
Japan Telegartner Ltd.
Jena co. Ltd.
Johokobo, Inc.
Kanagawa Prefectural Government
KDDI CORPORATION
KDDI Research, Inc.
Keysight Technologies Japan G.K.
Komine Musen Denki Co., Ltd.
KOZO KEIKAKU ENGINEERING Inc.
MARUBUN CORPORATION
MEDIA TECH INC.
Microwave Factory Co., Ltd.
Ministry of Internal affairs and Communications
Mitsubishi Electric Corporation
MITSUBISHI ELECTRIC ENGINEERING COMPANY LIMITED
MULTISOUP CO., LTD.
National Institute of Information and Communications Technology (NICT)
National Instruments Japan Corporation
NEC Communication Systems, Ltd.
NEC Corporation
NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Nokia Solutions and Networks Japan Corp.
NTT DOCOMO, INC.
OMRON Corporation
Panasonic Corporation
QUALCOMM TECHNOLOGES, INC
Quasi-Zenith Satellite System Services Inc.
Rohde & Schwarz Japan
Royal Danish Embassy
Samsung Electronics Japan
Sanritz Automation Co., Ltd.
Satellite Positioning Research and Application Center
Sequans Communications
StarBridge, Inc.
Telecom Engineering Center
The Telecommunication Technology Committee (TTC)
TOKYO KEIKI AVIATION INC.
Tokyo Metropolitan Industrial Technology Research Institute (TIRI)
TOYO Corporation
Ubisense Inc.
Wireless Power Management Consortium (WPMc)
WSN Promotion Committee
YRP R&D Promotion Committee
ZTE JAPAN K.K.

(As of April 3)

More updates on web!

5G Tokyo Bay Summit

5G Tokyo Bay Summit® 2017

The 5G Tokyo Bay Summit® 2017, supported by NTT DOCOMO, will present the latest 5G initiatives by major mobile operators and manufacturers in the world, in addition to the expected use cases with new services and applications on 5G, through various demonstrations and seminars.



Flexible Factory Project: Drive IoT in the Manufacturing Field by Wireless Technology

In recent years, wireless communications have received a lot of attentions for many applications at manufacturing. Flexible Factory Project is a verification project of wireless communication technologies to accelerate factory IoT through harmonization and stabilization as keys to control various and mixed wireless systems. At the booth, you can find our latest results, especially about how to apply wireless technologies into the management/monitoring at manufacturing.



Fujitsu Limited

Fujitsu will present various wireless technologies and solutions to realize Hyper Connected World where everything is connected to the network, including

- World's first low-power "millimeter-wave beam multiplexing technology", enables simultaneous high-speed communication with multiple terminals
- A millimeter wave CMOS device having the world's highest speed on frequency modulation, which can be used for 5G and automotive radar
- IoT Front Network Solution based on "Web of Things(WoT)" platform for creating IOT services



Hitachi Kokusai Electric Inc.

The enhanced application of the VHF Wireless Broadband Communication

- Video images and data transmission at sea and on land will be available.
- Capable of the long range relay functions.
- Safety Solutions with Linear-Cell Radar systems that detect FOD (Foreign Object of Debris) on the airport runway
- Integrated system which consists of RoF (Radio on Fiber) technology and Millimeter-wave FMCW Radar realizing the runway safety.
- Detection of approx. 1-inch object using short wavelength; Millimeter-wave signals.



Japan Radio Co., Ltd.

JRC shows millimeter wave solutions and various sensor solutions for future smart industry and life. For enhancement of communications, 60GHz band high rate close proximity system, etc. are shown. Sensors, the key technology for IoT applications, such as vital sensor with radar technology, are shown.



KDDI Research, Inc

We introduce various collaborations in 5G technology with our partner corporates, and use cases to be found in every-day life with 5G.



National Institute of Information and Communications Technology

NICT will present the latest R&D results as followings; Wireless network technology for scalable and power-saving IoT, Wireless architecture for cooperative control and Terahertz-wave technology required for future mobile communications such as 5G, Reliable wireless communications technology for robotics including drones and UAS, and Next-generation satellite communication technologies.



NEC Corporation

NEC will exhibit 1) iPASOLINK AOR Series 2) NEC's "Tailored 5G Network", along with introduction of business use cases 3) IoT Service Enabler to meet various IoT service requirements and LoRa 4) "Hearable" seamlessly connect Virtual/Real communication environment.



NIPPON TELEGRAPH AND TELEPHONE CORPORATION

NTT will exhibit "Millimeter-wave ultra-high-speed transmission system" which can instantaneously transfer a huge amount of data to the cloud network, "A highly reliable and low latency wireless access technology" and "Cooperative WLAN" which can achieve high throughput in high density environments.

Support for Matching & Networking

WTP supports B2B matching throughout the period by helping visitors from overseas find new business partners, sales market, and/or latest technologies and products in Japan. We are also happy to introduce the contact person of our exhibitors at your request. If you need our support, please consult with us by e-mail in advance to your visit.

Inquiry

For any inquiry or consultation, please contact WTP International Team by e-mail.

[WTP International Team] E-mail: wtp-i@ml.nict.go.jp

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<https://www.wt-park.com/2017/register/>

