



No.0032

5G Special Day III in CEATEC 2021 online

"5G Special Day III" composed of 4 conferences was held on 20 and 21 October 2021, on the website of CEATEC (Combined Exhibition of Advanced TEChnologies) 2021, which was organized online as in 2020 due to COVID-19.

1. Outline of the Event

Schedule	Theme	Organizer	Audience
20 October AM	Workshop 2021 on Utilizing use cases for commercial 5G	Organizer: ARIB, 5GMF, CIAJ Sponsor: MIC	1,819
20 October PM	International Workshop 2021 on the latest situation towards implementing 5G-Advanced	Organizer: MIC Co-organizer: 5GMF, CIAJ	859
21 October AM	Workshop 2021 on the Spread and Promotion of Local 5G	Organizer: Local 5G Promotion Public-Private Coordination Committee	1,049
21 October PM	3GPP summit ~ Latest trends on 3GPP standardization	Organizer: MIC Co-organizer: ARIB, TTC	664

MIC: Ministry of Internal Affairs and Communications
 5GMF: The Fifth Generation Mobile Communications Promotion Forum
 CIAJ: Communications and Information network Association of Japan
 TTC: Telecommunication Technology Committee

2. Lectures, Sessions

(1) Workshop 2021 on Utilizing use cases for commercial 5G

- Situation at the forefront and future prospects - (20 October, 10:00 - 12:20)

Title	Speaker
Opening remarks	Dr. YOSHIDA Susumu 5GMF Chairman, (Professor Emeritus of Kyoto University)
	Mr. ISHII Yoshinori CIAJ Executive Vice President
Guest speech	Mr. NOZAKI Masatoshi MIC Director-General of the Radio Department, Telecommunications Bureau
Session1: Forefront of 5G industrial use	
Telemedicine using commercial 5G	Mr. TSUBOYA Hisakazu NTT DOCOMO, INC. Senior Vice President, General Manager of 5G & IoT Business Department
Examples of corporate digital transformation accelerated by 5G	Mr. FUJIMOTO Koichiro NEC Corporation Deputy General Manager
Traffic issues in Maebashi City and introduction of automated driving buses	Mr. HOSOYA Seiichi Maebashi City Senior Director of Future Creation Department, Director of Future Policy Division
Session2: Expectations and challenges for 5G, future prospects	
Panel Discussion	Dr. NAKAO Akihiro (Moderator) 5GMF Chairman of Network Architecture Committee (Professor of The University of Tokyo) Panelists: Mr. IWANAMI Gota and Mr. OHYA Yasuo, in addition to presenters in Session1
Closing Remarks	Mr. NISHIOKA Seiji ARIB Executive Director

(2) International Workshop 2021 on the latest situation towards implementing 5G-Advanced - Initiatives for commercialization in each country, and issues - (20 October, 15:00 - 18:00)

Title	Speaker
Opening Remarks	Mr. ONAGA Hisashi MIC Director of the Land Mobile Communications Division

Keynote Speech	Dr. YOSHIDA Susumu 5GMF Chairman (Professor Emeritus of Kyoto University)
Session1: Situation of each country, region	
Current status and initiatives for commercialization of 5G in Thailand	Mr. Saneh SAIWONG NBTC, Thailand Principal Engineering Expert of the Office
5G Deployment Status and Plan for Beyond 5G in Korea	Dr. Hyeon Woo LEE 5G Forum Korea Vice Chair, Executive Committee
The status of 5G and the outlook towards 5G-Advanced	Mr. Lorenzo CASACCIA Qualcomm Vice President, Technical Standards & IP
5G Deployment in Europe and beyond	Mr. Bernard BARANI European Commission DG CONNECT, Deputy Head of Unit
5G open RAN	Dr. ABETA Sadayuki NTT DOCOMO, INC. General Manager of Radio Access Network Development Department
Session2: Initiatives for Stand Alone and advancement in 5G commercialization, expectations and prospects for future services	
Panel Discussion	Mr. SEKIGUCHI Waichi (Moderator) MM Research Institute, Ltd. President (former editorial writer and columnist for Nikkei) Panelists: Presenters in Secssion1
Closing Remarks	Mr. OHMURA Yoshinori 5GMF Secretary General

(3) Workshop 2021 on the Spread and Promotion for Local 5G (21 October, 10:30 - 12:40)

Title	Speaker
Opening	Dr. YOSHIDA Susumu 5GMF Chairman (Professor Emeritus of Kyoto University)
Session1: Initiatives to implement of Local 5G, and introduction of its use cases	
Promotion of the spread of Local 5G	Mr. TOKUKE Tsutomu Anritsu Corporation Vice President, Environmental Measurement Company President
Sumitomo Corporation's Local 5G Initiative	Mr. KOTAKE Kanji Sumitomo Corporation Corporate Officer, Deputy General Manager, Media Division
Present and future of 5G project in Tokushima prefecture	Mr. SAKOU Hironori Tokushima Prefecture

Session2: Honest opinions on Local 5G	
Panel Discussion	Ms. OHYAMA Rika (Moderator) ON BOARD Co., Ltd. President Panelists: Dr. MORIKAWA Hiroyuki, in addition to presenters in Secssion1
Closing Remarks	Mr. OHMURA Yoshinori 5GMF Secretary General

- (4) 3GPP summit ~ Latest trends on 3GPP standardization - from 5G evolution toward Beyond 5G - (21 October, 15:00 - 17:30)

Title	Speaker
Opening	Mr. NOZAKI Masatoshi MIC Director-General of the Radio Department, Telecommunications Bureau
Session1: Latest trend on Release17, 18 - 5G Evolution	
Trend in RAN	Dr. Wan shi CHEN 3GPP TSG-RAN Chair (Qualcomm) Mr. TAKEDA Hiroki KDDI CORPORATION Technology Planning Division, Technology Strategy & Standards Office, Manager
Trend in SA	Mr. Georg MAYER 3GPP TSG-SA Chair (Huawei) Mr. NAGATA Satoshi 3GPP TSG-SA Vice Chair (NTT DOCOMO, INC.)
Trend in CT	Mr. Lionel MORAND 3GPP TSG-CT Chair (Orange) Mr. ISHIKAWA Hiroshi 3GPP CT WG4 Vice Chair (NTT DOCOMO, INC.)
Session2: Toward Beyond 5G	
Initiatives in Japan	Mr. NAKAMURA Takaharu Beyond 5G Promotion Consortium (Fujitsu LIMITED)
Panel Discussion	Mr. NAGATA Satoshi 3GPP TSG-SA Vice Chair (NTT DOCOMO, INC.) Panelists: Presenters in Secssion1, 2
Closing Remarks	Mr. NISHIOKA Seiji ARIB Executive Director

Exhibition in Inter BEE 2021 by ARIB/DiBEG

The 57th Inter BEE (International Broadcast Equipment Exhibition) 2021 was held at the Makuhari Messe located in the suburbs of Tokyo from 17 through 19 November 2021, where ARIB/DiBEG participated in the exhibition.

According to the Inter BEE secretariat, 495 companies and organizations participated in the exhibition. In addition, the exhibition was also held online. Furthermore, SNS (Facebook, twitter) were widely used, with which ARIB/DiBEG also sought publicity.

Comparison of the scale of Inter BEE over the past three years

Year (Exhibition form)	Number of exhibitors	Number of booths	Number of visitors
2021 (Real, Online)	495	749	18,308
2020 (Online)	140	—	—
2019 (Real)	1,158	2,125	40,375

ARIB/DiBEG explained at its booth the recent standardization in the broadcasting field and the international expansion of ISDB-T, using panels and brochures. At the ARIB/DiBEG booth, some visitors missed more crowded exhibitions in the past before CORONA pandemic, and other visitors asked the reason why ISDB-T has been adopted mainly in Central and South America rather than Southeast Asia, and they also wanted to know the development of next-generation terrestrial digital broadcasting systems.

The FY2021 Annual Meeting of XGP Forum

The Annual Meeting of XGP Forum was held on 26 November 2021 at ARIB in Tokyo, Japan. 41 delegates (Chairperson, Vice-Chairs, MIC and signatory member companies) attended (partially online) the meeting.

◆ Overview of the Meeting

Date	26 November 2021, 16:00 - 17:00
Venue	ARIB (Tokyo, Japan) * Some members participated online.
Approved Resolution	(1) The minutes of the previous General Meeting (2) Admission of new members (3) The report of activities and the statement of accounts in FY 2020 (4) The proposal of activities and the budget in FY 2021



General Meeting

ITU-R WP5A the 26th Meeting - ITS related issue

ITU-R WP 5A the 26th meeting was held online in November 2021. Here are proceedings related to ITS.

1. Outline of the meeting

Schedule	15 - 26 November 2021
Meeting	Online
Participants	About 350, 22 people as the Japanese delegation headed by MIC, including 2 members from ARIB

2. Main results related to ITS

- (1) WP 5A has been working on the draft new ITU-R report M.[CAV] which describes wireless communication requirement on CAV (Connected Automated Vehicle). At this meeting, Japan input contribution on automated driving in urban area and on the highway, which was reflected to revision of the draft. The new report is to be completed in November 2022.
- (2) It had been agreed at the previous meeting that ITU-R Recommendation M.2121 on harmonization of ITS frequency band and Report M.2444 about ITS frequency arrangement would be revised. At this meeting, M.2444 was revised reflecting the institutional change in EU in 2020. Both of these revisions are planned to be completed in November 2022.

3. Next meeting schedule

The next 27th meeting is scheduled to be held on 23 May - 3 June 2022.

DiBEG was awarded by the ITU Association of Japan

On 30 November 2021, the 53rd celebration event of "World Telecommunication and Information Society Day" was held in Tokyo, organized by the ITU Association of Japan (ITU-AJ), supported by the MIC, ARIB and TTC.

At the ceremony, "Task Force for Next-generation Digital Terrestrial Television" of DiBEG (Digital Broadcasting Experts Group) for which ARIB works as a secretariat, got "Encouragement Award".

< Reason behind receiving the Award >

The Task Force has shared know-how gained in relation to the next generation digital terrestrial television broadcasting being developed in Japan, with those countries that have adopted ISDB-T (Integrated Services Digital Broadcasting-Terrestrial, originally developed in Japan) in order to assist them in the study of their next-generation systems. The group has contributed to strengthening technological collaboration between Japan and these countries as well as to development in the area of broadcasting in these countries, and the group's continued contributions are anticipated.



Association of Radio Industries and Businesses

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