

# REVIEW 2020



# REVIEW 2020

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## 140 companies/organizations has exhibited to the online event. Comprehensive media event, Inter BEE 2020 ONLINE has begun!

### ■ Opening & Keynote

To signify the start of Inter BEE 2020 ONLINE, the Opening & Keynote speeches were made on Wednesday, November 18th at 10 am. Kicking off the speeches with JEITA Chairman, Mr. Ishizuka, lead to increased access to the online site, exhibitor pages, special exhibition and session pages.

#### 「A opportunity for Inter BEE as a hybrid exhibition with physical and online venues」

Last year we have all suffered greatly with the Covid-19 epidemic, giving Inter BEE the opportunity to make the exhibition an online event. We would like to express our gratitude to the participating ministries, agencies and organizations, as well as the exhibitors for all their support to make this exhibition through the trials and errors we had gone to make this event a reality.

This year Inter BEE will be able to realize the hybrid exhibition with the theme of "Create" "Deliver" "Experience" content as a comprehensive media event alongside Digital Content EXPO organized by Digital Content Association Japan for users media and entertainment industries, as well as, sessions from the Japan Commercial Broadcasters Association to showcase their latest technologies.

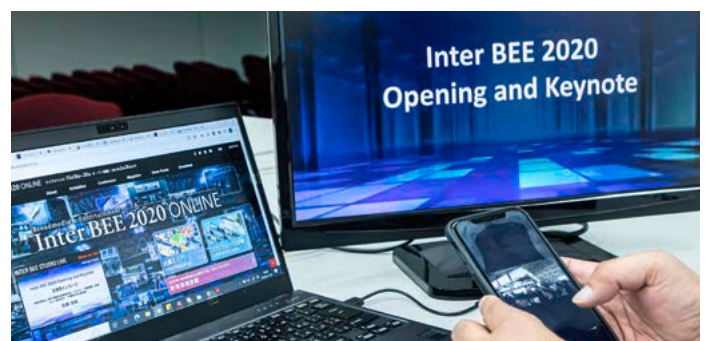
In addition, Inter BEE 2020 ONLINE will deliver a large number of conference sessions to provide a multifaceted view of the latest trends in the media entertainment industry, starting with keynote speeches by the Ministry of Internal Affairs and Communications and

NHK, followed by presentations on the latest trends in the industry, such as remote production, collaboration between broadcasting and communications, the advancement of simultaneous distribution structures, and the use of AI. Other topics include audio and acoustic sessions, VR space, tutorials on supporting the production of increasingly sophisticated video content, and case studies on the introduction of IP-based broadcasting technologies.

We hope that the Inter BEE 2020 ONLINE have been a more enjoyable and effective venue for business and we look forward to your continued support and cooperation as we contribute to further development of the industry.

Japan Electronics and Information Technology Association (JEITA)  
Representative Director/Chairman

Ishizuka Shigeki



## EXHIBITION AREA

The latest technologies and services were presented by more than 140 exhibitors that participated in the exhibition across four categories as the same as previous years.



### Exhibitor List (Alphabetical by Category)

#### Professional Audio

ARTWIZ Inc.  
 Bestec Audio Inc. / Beetech Inc.  
 CORNES Technologies  
 d&b audiotechnik Japan K.K.  
 Dolby Japan  
 Fraunhofer IIS  
 GENELEC JAPAN  
 MATSUDA TRADING CO., LTD  
 Media Integration, Inc. / ROCK ON PRO  
 MI SEVEN Japan, Inc  
 MOGAMI WIRE & CABLE CORP.  
 MQA LTD.  
 Panasonic Corporation / Panasonic System Solutions Japan Co., Ltd.  
 Sennheiser Japan K.K.  
 Synthax Japan Inc.  
 TAMURA CORPORATION  
 TANIZAWA SEISAKUSHO, LTD  
 TASCAM/TEAC CORPORATION  
 UETAX Corporation  
 Yamaha Music Japan Co., Ltd  
 YAMAHA SOUND SYSTEMS INC.  
 ZOOM CORPORATION

#### Video Expression / Professional Lighting

AOTO ELECTRONICS CO.,LTD  
 Audio Visual Communications Ltd.  
 GODOX Photo Equipment Co. Ltd  
 Lambda Systems Inc.  
 QSTECH CO.,LTD  
 Shenzhen Hangalaxy Technology Co., Ltd  
 SHENZHEN LIANTRONICS CO.,LTD.  
 3MIM Co. LTD

#### Video Production / Broadcast Equipment

Adobe KK  
 ADTECHNO Inc.  
 AIM Electronics Co.,Ltd.  
 ALVIX Corporation  
 Amazon Web Services Japan K.K.  
 APCOT Corp.  
 ASACA CORPORATION  
 ASTRODESIGN, Inc.  
 AT Communications K.K.  
 Audiostock Inc.  
 AVMATRIX / ADTECHNO Inc  
 Barco Co., Ltd.

Bell Textron Inc.  
 BIOS CORPORATION  
 Black Box Network Services Co., Ltd.  
 Canare Electric Co., Ltd.  
 Canon Inc. / Canon Marketing Japan Inc.  
 CANVASs Co.,Ltd.  
 Cosmic Engineering.Inc.  
 Cross Imaging inc.  
 Dell Technologies Japan Inc.  
 DTS INSIGHT Corporation  
 EIDEN Co., Ltd.  
 EIZO Corporation  
 ERG VENTURES.CO.,LTD  
 FOR-A Company Limited.  
 Foxconn/NxVi  
 FUJIFILM CORPORATION  
 FUJITSU LIMITED  
 GIN-ICHI Corp.  
 Grass Valley K.K.  
 HEIWA SEIKI KOGYO CO., LTD.  
 Hewlett-Packard Japan, Ltd.  
 HIRAKAWA HEWTECH CORP  
 HIROSE ELECTRIC CO., LTD.  
 Hitachi Kokusai Electric Inc.  
 IBEX Technology Co., Ltd.  
 IKEGAMI TSUSHINKI CO., LTD  
 IMAGENICS Co.,Ltd.  
 Intelligent Wave Inc.  
 ISHIKAWA TRUNK Co., Ltd.  
 ITOCHU Cable Systems Corp  
 Japan Communication Equipment Co., Ltd.  
 Japan Material Co.,Ltd.  
 Japan Radio Co., Ltd.  
 JEITA Tape Storage Technical Committee  
 JVCKENWOOD Corporation  
 Kenko Professional Imaging Co., Ltd./Kenko Tokina Co., Ltd.  
 K-WILL Corporation  
 Lambda Systems INC  
 Leader Electronics Corporation  
 Macnica, Inc  
 MARUMI OPTICAL CO. LTD  
 MEDIA LINKS Co., LTD  
 Miharu Communications Inc.  
 MITOMO Co.,Ltd.  
 MouseComputer CO.,LTD.  
 MUSASHI Co.,LTD  
 NEC  
 NEP Inc.  
 NHK Engineering System, Inc.

NHK Technologies, Inc  
 NHK/JEITA  
 NIPPON CONTROL SYSTEM Corporation  
 OTARITEC Corp.  
 Panasonic Corporation/ Panasonic System Solutions Japan Co., Ltd.  
 PHOTRON LIMITED.  
 PROSPER ELECTRONICS Co., LTD  
 QUANTUM STORAGE JAPAN CORPORATION  
 Research Institute of Systems Planning, Inc.  
 Restar Communications Corporation  
 Rikei Corporation  
 RIP-TIE Inc.  
 Roland Corporation  
 Sakura Eiki Co.,Ltd  
 SAKURA Internet Inc.  
 Seiko Solutions Inc.  
 Servants International Corporation  
 Shenzhen Hollyland Technology Co., Ltd  
 SIGMA Corporation  
 Sony Corporation/Sony Business Solutions Corporation  
 SUZUMARU Co.,LTD.  
 Tatsuta Tachii Electric Cable Co.,Ltd  
 Tokyo Broadcasting System Television, Inc.  
 Toshiba Digital Solutions Corporation  
 Toshiba Infrastructure Systems & Solutions Corporation  
 Traffic Sim Co.,Ltd  
 UNITEX Corporation  
 Videotron Corporation

## ICT / Cross-media

Advanced Media, Inc.  
 CTCSP Corporation  
 Digital Processing Systems Japan K.K.  
 Google Cloud Japan  
 IMAGICA Lab. Inc.  
 Innotech Corporation  
 IPTV FORUM JAPAN.  
 KKStream Limited  
 Limelight Networks Japan K.K  
 Lumen Technologies  
 MEDIAEDGE Corporation  
 Microsoft Japan Co., Ltd.  
 NTT Electronics Corporation  
 NTT TechnoCross Corporation  
 PlayCanvas Team Japan

## Video demonstrations and presentations by exhibitors

A collection of video demonstration and presentation for visitors to better understand the exhibitors' products.

### Professional Audio

**Cables comparison by Guitar**  
MOGAMI WIRE & CABLE CORP.

**Cables comparison by Bass**  
MOGAMI WIRE & CABLE CORP.

**About Mogami Wire & Cables Corp.**  
MOGAMI WIRE & CABLE CORP.

**Acoustic measurement by use APx analyzer**  
CORNES Technologies Ltd.

**Full IP AUDIO MIXING CONSOLE NTX series**  
TAMURA CORPORATION

**DIGITAL MIXING CONSOLE NT660**  
TAMURA CORPORATION

**DIGITAL PORTABLE MIXER NT110**  
TAMURA CORPORATION

**NETWORK INTERFACE UNIT TS-1289**  
TAMURA CORPORATION

**RTS OMS (OMNEO MASTER STATION) DIGITAL PARTYLINE INTERCOM SYSTEM**  
TAMURA CORPORATION

**A-Series, Augmented array**  
dB technologies Japan K.K.

**SL-Series, A family affair.**  
dB technologies Japan K.K.

**Demo video to show the difference between stereo LR system and d&b Soundscape**  
dB technologies Japan K.K.

**TeamConnect Ceiling 2 Product Description & Demo**  
Sennheiser Japan K.K.

**NEUMANN KH monitor speakers - Case Study**  
Sennheiser Japan K.K.

**NEUMANN V 402 mic preamp**  
Sennheiser Japan K.K.

**MPEG-H Audio**  
Fraunhofer IIS

**JPEG XS - the New Mezzanine Image Codec**  
Fraunhofer IIS

**MPEG-H Audio for live productions**  
Fraunhofer IIS

**Introducing Dolby Atmos Music**  
Dolby Japan

**TASCAM VS-R264 / VS-R265**  
TASCAM/TEAC CORPORATION

**TASCAM Model 24 / Model 16 / Model 12**  
TASCAM/TEAC CORPORATION

**dBTechnologies VIO L208 / VIO S118R**  
TASCAM/TEAC CORPORATION

**Meyer Sound Version B**  
ARTWIZ Inc.

**Allen & Heath Avantis**  
ARTWIZ Inc.

**Meyer Sound Spacemap GO**  
ARTWIZ Inc.

**Austrian Audio | The Tasting**  
MI Seven Japan, Inc.

**PreSonus "AVB-D16"**  
MI Seven Japan, Inc.

**Online Seminar "Media Innovation Workshop | ONLINE"**  
MI Seven Japan, Inc.

### Video Expression / Professional Lighting

**VF Series Product Video**  
SHENZHEN LIANTRONICS CO.,LTD.

**METAGO Product Video**  
SHENZHEN LIANTRONICS CO.,LTD.

**VAJ Product Video**  
SHENZHEN LIANTRONICS CO.,LTD.

**How to Make Footage Look Cinematic with UL150 & LC500R**  
GODOX Photo Equipment Co., Ltd.

**Cinematic Light Setups with VL300**  
GODOX Photo Equipment Co., Ltd.

**Godox: Introducing the RGB LED Light Stick LC500R**  
GODOX Photo Equipment Co., Ltd.

**Godox: Run and Gun Light Test with VL200 LC500R M1**  
GODOX Photo Equipment Co., Ltd.

**Godox: How to Film the Burlesque Dancer with LC500R & R1 & M1**  
GODOX Photo Equipment Co., Ltd.

**Godox: Cinematic Lighting with RGB Light Stick LC500R**  
GODOX Photo Equipment Co., Ltd.

**4K@60Hz HDMI2.0 AOC Plug and Play for 150meters Signal Transmission**  
Shenzhen Hangalaxy Technology Co., Ltd.

**8K HDMI2.1 AOC 2020 Beijing Infocomm Exhibition AV System**  
Shenzhen Hangalaxy Technology Co., Ltd.

**The 8K era, the application of optical technology in AV systems**  
Shenzhen Hangalaxy Technology Co., Ltd.

**X WALL-I All-in-One LED Display Terminal**  
OSTECH CO.,LTD

**M WALL-I All-in-one Foldable LED Display Terminal**  
OSTECH CO.,LTD

**ARTEMIS LT ECO Outdoor Fixed Energy-saving LED Display**  
OSTECH CO.,LTD

**AOTO Cases In the World**  
AOTO ELECTRONICS CO.,LTD

**AOTO CV & SID All-in-One LED Solution**  
AOTO ELECTRONICS CO.,LTD

**AOTO Filmmaking & VFX Application**  
AOTO ELECTRONICS CO.,LTD

### Video Production / Broadcast Equipment

**Panasonic L.I.V.E. Series**  
Panasonic Corporation/Panasonic System Solutions Japan Co., Ltd.

**IT/TP platform "KAIROS"**  
Panasonic Corporation/Panasonic System Solutions Japan Co., Ltd.

**Panasonic 4K PTZ Camera AW-UE100 supporting NDI and SRT**  
Panasonic Corporation/Panasonic System Solutions Japan Co., Ltd.

**Panasonic 4K Studio Camera AK-UC3300 - Promotion Movie**  
Panasonic Corporation/Panasonic System Solutions Japan Co., Ltd.

**Full HD Studio Camera Upgrade Ready 4K & HDR AK-HC3900 - Promotion Movie**  
Panasonic Corporation/Panasonic System Solutions Japan Co., Ltd.

**Live Switcher AV-UH5500**  
Panasonic Corporation/Panasonic System Solutions Japan Co., Ltd.

**About tape storage (Japanese)**  
JEITA Tape Storage Technical Committee

**LTO roadmap (Japanese)**  
JEITA Tape Storage Technical Committee

# Video Production / Broadcast Equipment

<p><b>Tape drive/Tape library operation video (Japanese)</b> JEITA Tape Storage Technical Committee</p>	<p><b>RIP-TIE brand introduction video "Company Demo Reel"</b> RIP-TIE Inc.</p>	<p><b>RIP-TIE Product Introductory Video &lt;&lt; Product Demo Reel &gt;&gt;</b> RIP-TIE Inc.</p>	<p><b>About custom logo product</b> RIP-TIE Inc.</p>	<p><b>SRT Solution</b> ITOCHU Cable Systems Corp.</p>	<p><b>CATV Solution</b> ITOCHU Cable Systems Corp.</p>	<p><b>地デジ更新に向けた新型送信機</b> Hitech Kokuai Electric Inc.</p>	<p><b>自立分散電気が考える5G/AIが創る世界</b> Hitech Kokuai Electric Inc.</p>
<p><b>Large-capacity data storage solutions for the next generation</b> UNITEK Corporation</p>	<p><b>Noise-reduction / Dustproof New LTO LT80EX USB</b> UNITEK Corporation</p>	<p><b>UNITEK ArchiveLT software demonstration (Short Ver.)</b> UNITEK Corporation</p>	<p><b>[Presentation] Image Flux Live Streaming service introduction</b> SAKURA Internet Inc.</p>	<p><b>遠隔作業支援ソリューション</b> Hitech Kokuai Electric Inc.</p>	<p><b>Nxvi - THEIA T1 8K Encoder</b> FoxconnNxvi</p>	<p><b>Nxvi - THEIA 8K+5G POC</b> FoxconnNxvi</p>	<p><b>FunctionMAX</b> HIROSE ELECTRIC CO., LTD</p>
<p><b>[Demo] Image Flux Live Streaming Quick Start</b> SAKURA Internet Inc.</p>	<p><b>[ImageFlux] IVS Television case study</b> SAKURA Internet Inc.</p>	<p><b>4K Picture Quality Analyzer VP4000</b> K-WILL Corporation</p>	<p><b>4K (12G-SDI) video/audio quality monitoring board PROBE12G</b> K-WILL Corporation</p>	<p><b>BNC75 Series</b> HIROSE ELECTRIC CO., LTD</p>	<p><b>MRF20 Series</b> HIROSE ELECTRIC CO., LTD</p>	<p><b>Packet Caster - Product Introduction Video (Japanese)</b> APCOT Corp.</p>	<p><b>Tape storage on new normal era (Japanese)</b> JEITA Tape Storage Technical Committee</p>
<p><b>Video/Audio RR remote quality monitoring system</b> K-WILL Corporation</p>	<p><b>Video/Audio Professional Quality Analyzer ProQ4000</b> K-WILL Corporation</p>	<p><b>RR remote Video &amp; Audio monitoring QuMax Remote / Video flashing check / Video</b> K-WILL Corporation</p>	<p><b>Video DNA Technology / Through technology</b> K-WILL Corporation</p>	<p><b>JIS Z 6019 for storing data in a long term (Japanese)</b> JEITA Tape Storage Technical Committee</p>	<p><b>8K120p Live Solution</b> ASTRODESIGN, Inc.</p>	<p><b>8KVR x 3D Sound x 826aska</b> ASTRODESIGN, Inc.</p>	<p><b>Tamazone Workstation</b> ASTRODESIGN, Inc.</p>
<p><b>Redefining Media in the Cloud with NVIDIA MELLANOX RIVERMAX</b> Servants International Corporation</p>	<p><b>"SMPTTE ST2110 to Cloud Concept Demo" using NVIDIA MELLANOX Rivermax from M3L</b> Servants International Corporation</p>	<p><b>NVIDIA-EASY-NMOS CONTAINERS UPDATE</b> Servants International Corporation</p>	<p><b>AMWA NMOS SPECIFICATION UPDATE</b> Servants International Corporation</p>	<p><b>My 8K On Demand</b> ASTRODESIGN, Inc.</p>	<p><b>Virtual Director</b> ASTRODESIGN, Inc.</p>	<p><b>GV Studios: Editing with EDIUS X</b> Grass Valley K.K.</p>	<p><b>GV Live Presents: Engage 2020</b> Grass Valley K.K.</p>
<p><b>NVIDIA RIVERMAX UPDATE</b> Servants International Corporation</p>	<p><b>PROFESSIONAL MEDIA SMPTTE STANDARDS UPDATE</b> Servants International Corporation</p>	<p><b>NVIDIA CloudXR</b> MACNICA, Inc.</p>	<p><b>IP for transmission and AI for video. Innovation of Media and Entertainment by NVIDIA</b> MACNICA, Inc.</p>	<p><b>GV LIVE Presents: innovate 2020</b> Grass Valley K.K.</p>	<p><b>Prunusのある風景「伊万里ケーブルテレビジョン様 事例紹介」</b> Sekura Eki Co., Ltd.</p>	<p><b>Broadcast&amp;Cinema EXPO ~Premia~ presented by PRONEWS</b> FUJIFILM CORPORATION</p>	<p><b>DRB2 Introduction</b> Nippon Control System Corporation</p>
<p><b>Latest IP Live production with trends and demonstrations</b> MACNICA, Inc.</p>	<p><b>Halvision社 Makito X1 Rugged Video Encoder</b> Rikai Corporation</p>	<p><b>Long-distance, high-throughput wireless solution</b> Rikai Corporation</p>	<p><b>testtree, QoS/GoE TS monitoring software</b> Rikai Corporation</p>	<p><b>8K Products Information</b> Nippon Control System Corporation</p>	<p><b>HARDWARE Products</b> Lamoda Systems Inc.</p>	<p><b>Neo-n</b> Lamoda Systems Inc.</p>	<p><b>Tokina Cinema 11-20mm T2.9</b> Kenko Professional Imaging Co., Ltd./Kenko Tokina Co., Ltd.</p>
<p><b>MARS 400S &amp; MARS 400S PRO WIRELESS VIDEO</b> Shenzhen Hollyland Technology Co., Ltd</p>	<p><b>MARS 300 PRO &amp; MARS T1000</b> Shenzhen Hollyland Technology Co., Ltd</p>	<p><b>BASIC TUTORIAL VIDEO   HOLLYLAND SYSCOM 421</b> Shenzhen Hollyland Technology Co., Ltd</p>	<p><b>MARUMI FILTER MEISTER</b> Marumi Optical Co., Ltd.</p>	<p><b>MOZA AirCross 2</b> Kenko Professional Imaging Co., Ltd./Kenko Tokina Co., Ltd.</p>	<p><b>DEDOLIGHT</b> Kenko Professional Imaging Co., Ltd./Kenko Tokina Co., Ltd.</p>	<p><b>FXLION</b> Kenko Professional Imaging Co., Ltd./Kenko Tokina Co., Ltd.</p>	<p><b>HIVE WASP 100C</b> Kenko Professional Imaging Co., Ltd./Kenko Tokina Co., Ltd.</p>
<p><b>HPE Media Workflow Master</b> Hewlett-Packard Japan, Ltd.</p>	<p><b>HPE Audience News Gathering</b> Hewlett-Packard Japan, Ltd.</p>	<p><b>HPE Virtual Headset Manager</b> Hewlett-Packard Japan, Ltd.</p>	<p><b>Cloud Live Production</b> ITOCHU Cable Systems Corp.</p>	<p><b>IP solution</b> Leader Electronics Corporation</p>	<p><b>Generator &amp; Changeover Instructional Video</b> Leader Electronics Corporation</p>	<p><b>PHABRIX IP Product Description Video</b> Leader Electronics Corporation</p>	<p><b>Bell 505</b> Bell Textron Inc.</p>

## Video Production / Broadcast Equipment

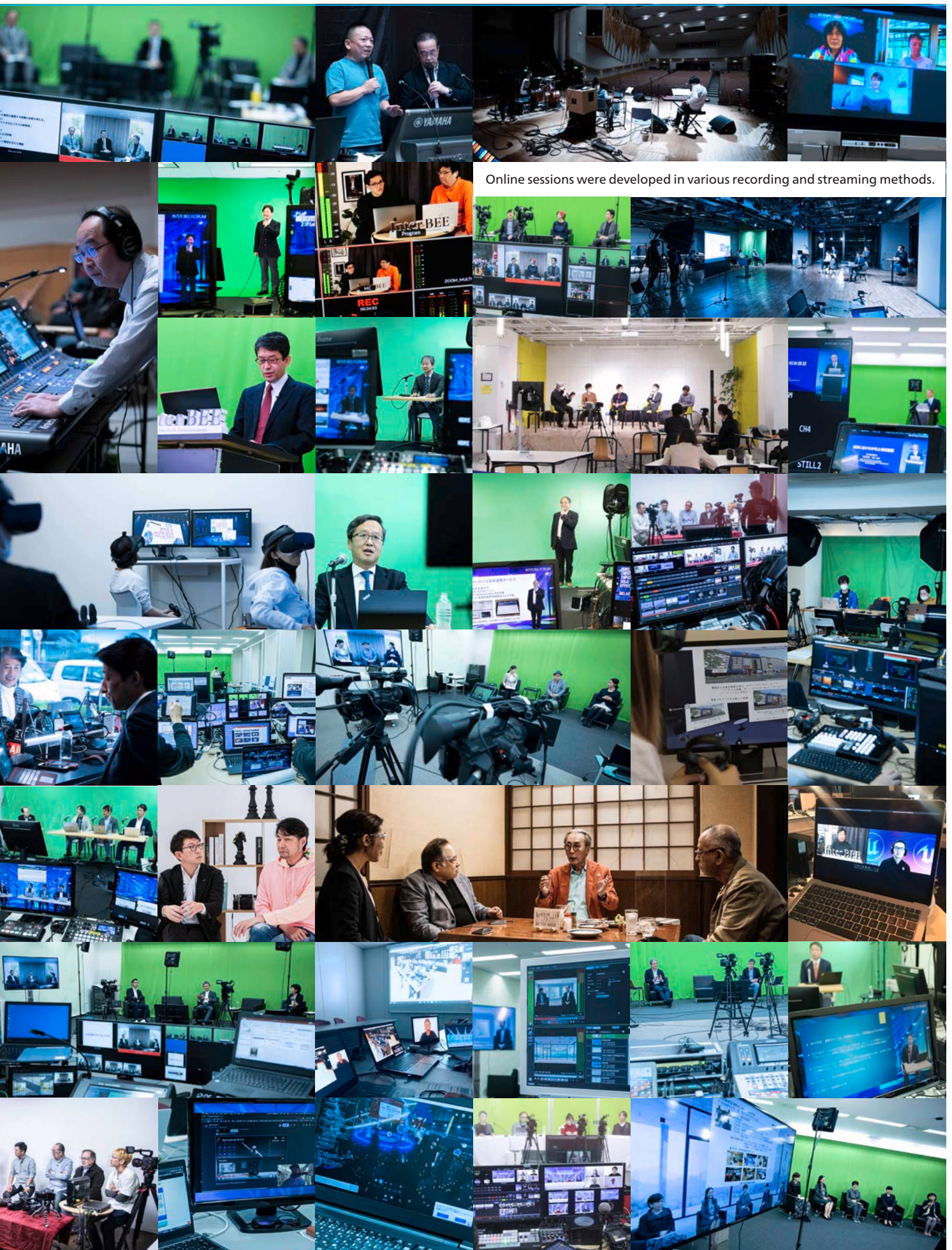
 <b>Bell 505</b> Bell Textron Inc.	 <b>SKYYE13: Inside look at ABC13's new helicopter</b> Bell Textron Inc.	 <b>AWS Media &amp; Entertainment Industry Initiatives</b> Amazon Web Services Japan K.K.	 <b>Amazon CloudFront for Media &amp; Entertainment</b> Amazon Web Services Japan K.K.	 <b>Composite cable that combines a large number of cables into a single cable</b> Tatsuta Tachi Electric Cable Co.,Ltd	 <b>MediaCloud Contribution Service</b> FUJITSU LIMITED	 <b>EOS C 70 Developer Interview [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.	 <b>EOS R5/R6 Developer Interview [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.				
 <b>Customer Snap Shot : Pac-12 Network</b> Amazon Web Services Japan K.K.	 <b>Customer Snapshot: DAZN</b> Amazon Web Services Japan K.K.	 <b>Solving with AWS Solutions: Live Streaming on AWS with Automated Multi-Language Subtitling</b> Amazon Web Services Japan K.K.	 <b>AWS Elemental Link quick demo</b> Amazon Web Services Japan K.K.	 <b>The Story of EOS C 300 Mark III [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.	 <b>CN 10 x 25 IAS Developer Interview [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.	 <b>CJ 20 e x 5B Developer Interview [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.	 <b>DP-V 3120 Developer Interview [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.				
 <b>AATON DIGITAL CantarX3 X Sound Mixer</b> Yoshifumi Kureishi Special Interview GIN-ICHI Corp.	 <b>RODE Microphones NT1-A (BTS - The Sound Logo of GINICHI Corp.)</b> GIN-ICHI Corp.	 <b>[Product Features] Chrosziel 401-FX9</b> GIN-ICHI Corp.	 <b>F-Series QUANTUM STORAGE JAPAN CORPORATION</b> CORPORATION	 <b>8K Solution "The World Heritage" (TBS) Presentation [Canon Official]</b> Canon Inc./Canon Marketing Japan Inc.	 <b>Introducing ProMD EMS</b> MEDIA LINKS Co., LTD	 <b>Media Links 4K Transport Solutions</b> MEDIA LINKS Co., LTD	 <b>Media Links IP-based Solutions for Remote Production</b> MEDIA LINKS Co., LTD				
 <b>What is Quantum?</b> QUANTUM STORAGE JAPAN CORPORATION	 <b>Introductory Explanation: 4K HDR Reference Monitor CG3146 (Japanese)</b> EIZO Corporation	 <b>Important Considerations for Choosing a Monitor for Post Production (Japanese)</b> EIZO Corporation	 <b>EIZO's Cloud Solution for Quality Control Management (Japanese)</b> EIZO Corporation	<b>ICT / Cross-media</b>				 <b>Limelight Networks Video Solutions</b> Limelight Networks Japan K.K.	 <b>Limelight EdgeFunctions</b> Limelight Networks Japan K.K.	 <b>Enabling Immersive Audio Experience on IPTV Forum Japan's Hybridcast System</b> IPTV Forum Japan	 <b>What is PLAYCANVAS ?</b> PlayCanvas Team Japan
 <b>Do4K 概要紹介</b> ERG VENTURES CO.,LTD	 <b>InterBEE用のDo4K(体験版)ソフトウェアインストール手順編</b> ERG VENTURES CO.,LTD	 <b>InterBEE用のDo4K(体験版)使い方編</b> ERG VENTURES CO.,LTD	 <b>[Premiere Pro] New feature Speech to Text (Preview)</b> Adobe KK	 <b>LAYCANVAS PROMOTION OFFICE 2020</b> PlayCanvas コンテンツ国内・国外事例まとめP	 <b>Spotify uses Google Cloud to unlock infinite capacity and faster innovation</b> Google Cloud Japan	 <b>MLB is bringing baseball to the next generation of fans with Google Cloud</b> Google Cloud Japan	 <b>England's Football Association (FA) uses Google Cloud to power players</b> Google Cloud Japan				
 <b>CANARE 12G-SDI Solution</b> Canare Electric Co., Ltd.	 <b>12G-SDI Active BNC</b> Canare Electric Co., Ltd.	 <b>Compact Routing Switcher-gen</b> Cosmic Engineering Inc.	 <b>C5000 frame &amp; module system</b> Cosmic Engineering Inc.	 <b>QDCAM Movie Base ver.</b> MEDIAEDGE Corporation November 2020	 <b>QDCAM Movie Golf</b> MEDIAEDGE Corporation November 2020	 <b>Slow motion photography using QDCAM (Baseball)</b> MEDIAEDGE Corporation	 <b>Slow motion photography using QDCAM (Golf)</b> MEDIAEDGE Corporation				
 <b>Introducing the audio monitor SP-PM / VM series</b> Cosmic Engineering Inc.	 <b>Introduction of optical transmission camera adapter system</b> Cosmic Engineering Inc.	 <b>Introducing the relay transmission vehicle system Auto Carry</b> Cosmic Engineering Inc.	 <b>Introducing the small OB van Auto Carry Mini</b> Cosmic Engineering Inc.	 <b>No secret talk! The truth of SIGMA fp from its product planner!</b> SIGMA CORPORATION	 <b>Check the SIGMA fp in the field, Fukushima, here we go!</b> SIGMA CORPORATION	 <b>"The lens that I favorite is the good one"—The reason why I purchased a SIGMA CINE lens.</b> SIGMA CORPORATION	 <b>Introduction of 12G-SDI/IP Products/Solutions</b> FOR-A COMPANY LIMITED				
 <b>Introduction of File Based Products/Solutions</b> FOR-A COMPANY LIMITED	 <b>Introduction of Live Broadcast/Streaming products/solutions</b> FOR-A COMPANY LIMITED	 <b>COAXIAL CABLE FOR 12G-SDI</b> Tatsuta Tachi Electric Cable Co.,Ltd	 <b>TPS7182,TPS7222 Sound Differences in Guitar Cables</b> Tatsuta Tachi Electric Cable Co.,Ltd								



# CONFERENCE AREA

During the Live event, 75 sessions and seminars has been broadcast.  
The seminars covered a wide variety of topics and latest trends in the industry with most being archived to view at the visitors' leisure.






Online sessions were developed in various recording and streaming methods.

# INTER BEE FORUM

A variety of messages were delivered by key figures in various fields, exploring the latest trends and future prospects of the media environment in the "new normal" era.

INTER BEE FORUM Streaming support by 

November 18 (Wed.)

## Inter BEE FORUM KEYNOTE

**KN-101A** 10:00 ▶ 10:04

### Inter BEE 2020 Opening & Keynote Message from Organizer

**Shigeki Ishizuka**

Chairman, Japan Electronics and Information Technology Industries Association  
Vice Chairman, Representative Corporate Executive Officer, Sony Corporation



**KN-101B** 10:04 ▶ 10:24

### Inter BEE 2020 Opening & Keynote 95 years since the first broadcast ~ How do we deal with online streaming?

**Yoshinori Akimoto**

Ministry of Internal Affairs and Communications  
Director-General of the Information and Communications Bureau



**KN-101B** 10:24 ▶ 10:43

### Inter BEE 2020 Opening & Keynote NHK's Digital Strategy

**Satoru Masagaki**

Japan Broadcasting Corporation  
Executive Vice President



## INTER BEE CONNECTED KEYNOTE

**KN-102** 11:30 ▶ 12:30

### 5th Anniversary of TVer, Future of Commercial Broadcasting Association The aims of a New system in July and Future Prospects

Speaker

**Masamine Ryuho**

TVer INC.  
President & Representative Director



Moderator

**Mikio Tsukamoto**

Executive Officer & Media Strategist at Wise Media, Inc.  
Standing Corporate Auditor at Fuller, Inc.



## Inter BEE FORUM KEYNOTE

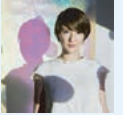
**KN-103** 13:00 ▶ 14:00

### DCEXPO Special Session: Intelligence x Art wil pave the future Symposium of Tsumugi Award and Takumi Award

Tsugumi Prize

**Sputniko!**

Tokyo University of the Arts Associate Professor



Takumi Prize

**Yutaka Matsuo**

Professor of the University of Tokyo



Moderator

**Yoichiro Kawaguchi**

Artist  
Professor Emeritus at the University of Tokyo



## INTER BEE IGNITION KEYNOTE

**KN-104** 14:30 ▶ 15:00

### Creative Action > Design Thinking - Keeping the flame of Entertainment alive

**Daito Manabe**

Rhizomatiks  
Artist/Interaction Designer/Programmer/DJ



## INTER BEE EXPERIENCE KEYNOTE

**KN-105** 16:00 ▶ 17:30

### 2020 - New audio production and Content sound The Present and Future of Remote Audio Production

**Yosuke Maeda**

Media Integration / ROCK ON PRO  
Product Specialist



### Broadcasting and Streaming, discussing the "Sound" of media

Panelist

**Takafumi Oike**

AbemaTV, Inc.  
ABEMA/DevelopmentDivision/ContentsEngineeringGroup/QualityControll Specialist



**Mikihiro Hikino**

Cygames, Inc.  
Audio Department, Audio Specialist



**Kazuhiko Endo**

TEAC CORPORATION  
Marketing Section, Sales and Marketing Department,  
TASCAM Business Unit, Audio Products Division



Moderator

**Takehiko Abe**

tv asahi corporation  
systems development & technical maintenance center



November 19 (Thu.)

## Inter BEE FORUM KEYNOTE

KN-201 10:00 ▶ 11:30

## IPTV Forum Project: Broadcast and Internet in the New Normal era

Current status of the collaboration of broadcast and telecommunications and what's the future.

Hironobu Yumoto

Ministry of Internal Affairs and Communications  
Deputy-Director of the Information and Communications Bureau

## Roles and Responsibilities of Broadcast and Networks in the DX Era.

Jun Murai

IPTV Forum



## Reporting on Domestic and International trends of Broadcast and Internet collaboration - Trends in Japan and IPTV Forum

Masashi Ito

IPTV Forum



## International trends of Broadcast and Internet collaboration

Masaru Takechi

NHK Engineering System Inc.



Moderator

Toru Takabayashi

IPTV Forum



## INTER BEE IP PAVILION KEYNOTE

KN-202 12:00 ▶ 13:30

## IP Session 2020: Perspectives on next generation Broadcast technology based on Covid-19

## Broadcast over managed IP and Future Prospects

Keiji Kodama

Japan Broadcasting Corporation  
Director of Engineering Administration Department

## International Trends for Next generation Broadcasting ~ Prospects for the Broadcast Systems in terms of US "ATSC 3.0" and European "DVB-I"

Koichi Sonoda

Broadmedia Corporation  
Technology Service Group Network Solution Dept.

## Inter BEE FORUM KEYNOTE

KN-203 14:00 ▶ 15:30

## Japan Commercial Broadcasters Association Special Exhibit: What should broadcasters do with simultaneous streaming?

## Introducing Field tests from 5 companies in Tokyos Ministry of Internal Affairs and Communications

Coordinator

Hideto Nozaki

TV TOKYO Corporation  
Manager, IT Development Division

Teacher

Yoshimitsu Tomizawa

Tokyo Broadcasting System Television, Inc.  
Deputy Director, Media Strategy and Planning Office

Panelist

Atsushi Ogata

Tokyo Broadcasting System Television, Inc.  
Manager, Media Strategy and Planning Office Division of Media Technology Innovative Technology Design, Multi-Platform Media Division DX Business Division  
DX Content Department

Gaku Matsumoto

Nippon Television Network Corporation  
Vice Manager, ICT Strategy

Yu Tazoe

tv asahi corporation  
Internet of Television Center Internet of Television Division  
Business Solution Headquarters

Takehiko Kanamori

Fuji Television Network, Inc.  
General Manager,  
Content Distribution Planning & Development Technical Department

## Inter BEE FORUM KEYNOTE

KN-204 16:15 ▶ 17:30

Forum hosted by A-PAB  
Future Prospects for 4K/8K Broadcast  
- Exploring the Issues and Possibilities for Further Dissemination

## Policy Trends in 4K/8K Broadcasting

Kyoko Yoshida

Director of the Satellite and Regional Broadcasting Division,  
Information and Communications Bureau  
Ministry of Internal Affairs and CommunicationsFuture Prospects for 4K/8K Broadcast  
- Exploring the Issues and Possibilities for Further Dissemination

Panelist

Kyoko Yoshida

Director of the Satellite and Regional Broadcasting Division,  
Information and Communications Bureau  
Ministry of Internal Affairs and Communications

Hiroyuki Aiko

President  
The Association for Promotion of Advanced Broadcasting Services (A-PAB)

Moderator

Keiko Murakami

Executive Researcher, Broadcasting Culture Research Institute  
Japan Broadcasting Corporation

# INTER BEE FORUM

November 20 (Fri.)

## Inter BEE FORUM KEYNOTE

**KN-301** 10:00 ▶ 11:00

**A-PAB Sponsored Forum:  
Promoting multi-use of 4K8K on the age of  
mixed media era**

**Takashi Uchiyama**

Aoyama Gakuin University  
Professor, School of Cultural and Creative Studies.



## Inter BEE FORUM KEYNOTE

**KN-302** 11:30 ▶ 12:30

**DCEXPO Special Session: Future of Digital Contents,  
interacting with Neuro Aesthetics 2**

**The Role of Advanced Video in the Post-Covid Era**

Speaker

**Takashi Kawai**

Professor, Department of Intermedia Art and Science,  
Faculty of Science and Engineering Waseda University



**Tomohiro Ishizu**

Kansai University Faculty of Letters General Department of Humanities  
Department of Psychology  
Associate professor



## Inter BEE FORUM KEYNOTE

**KN-303** 13:00 ▶ 14:00

**AVC Section Lecture 2020: Efforts to develop the Last One Mile and  
Broadband services with the latest broadcasting technology and 5G**

**Latest trends in broadcast technology policy**

**Naohiko Ogihara**

Ministry of Internal Affairs and Communications  
Director, Broadcasting Technology Division, Information and Communications Bureau



**Sumitomo Corporation's Local 5G Initiatives**

**Kanji Kotake**

SUMITOMO CORPORATION  
Corporate Officer, Deputy General Manager, Media Division, General Manager,  
Cable TV Dept.



## INTER BEE CREATIVE KEYNOTE

**KN-304** 14:30 ▶ 15:30

**Creating dramas in times like these!  
The creator of "Unnecessary Galaxy" discusses  
"creating entertainment content with Covid"**

Speaker

**Tsuyoshi Inoue**

Executive Director  
NHK



**Mio Ietomi**

Producer  
NHK



Moderator

**Takafumi Yuki**

Inter BEE CREATIVE Director



## Inter BEE FORUM KEYNOTE

**KN-305** 16:00 ▶ 17:30

**Managing Radio in the changing AD Business**

Speaker

**Takanari Mimura**

TBS RADIO, INC  
President



**Yoshihiro Oto**

Sophia Univ.  
Department of Journalism Professor



Moderator

**Isamu Yoshii**

New Media magazine



# Exhibition Summary

Broadmedia &amp; Entertainment

## Inter BEE 2020 ONLINE

- ◆ **Name** Inter BEE 2020 ONLINE
- ◆ **Period** Event Period: November 18, 2020 (Wed.) ~ February 26, 2021 (Fri.)  
Live Period: November 18 (Wed.) ~ 20 (Fri.)
- ◆ **Venue** Online
- ◆ **Admission** Free (Registration is required)
- ◆ **Organizer** **JEITA** Japan Electronics and Information Technology Industries Association (JEITA)
- ◆ **Support** Ministry of Internal Affairs and Communications (MIC)  
Ministry of Economy, Trade and Industry (METI)  
\*Listed by date established  
Japan Broadcasting Corporation (NHK)  
The Japan Commercial Broadcasters Association (JBA)  
The Association of Radio Industries and Bussineses (ARIB)  
Digital Content Association of Japan (DCAJ)  
The Association for Promotion of Advanced Broadcasting Services (A-PAB)  
\*no particular order
- ◆ **Partners** Advanced Imaging Society Japan Committee  
Association of Media in Digital  
Camera & Imaging Products Association  
Digital Signage Consortium  
IPDC Forum  
IPTV FORUM JAPAN  
JAPAN AD.CONTENTS ASSOCIATION  
Japan Association of Audiovisual Producers, Inc.  
Japan Association of Lighting Engineers & Designers  
Japan Association of Professional Recording Studios  
Japan Association of Video Communication  
Japan Audio Society  
Japan Cable and Telecommunications Association  
Japan Cable Television Engineering Association  
JAPAN POST PRODUCTION ASSOCIATION  
Japan PublicViewing Association  
Japan Satellite Broadcasting Association  
JAPAN STAGE SOUND BUSINESS COOPERATIVE  
Japan Visual Industry Guild  
Japanese Society of Cinematographers  
JSL  
Mobile Broadband Association  
MOTION PICTURE and TELEVISION ENGINEERING SOCIETY of japan, Inc.  
MULTISCREEN BROADCASTING STUDY GROUP  
National Theatrical & Television Lighting Industrial Cooperative  
Next Generation contents Distribution Forum  
Projection Mapping Association of Japan  
Radio Engineering & Electronics Association  
Specified Radio microphone User's Federation  
Stage Sound Association of Japan  
State of the Art Technologies Expression Association  
The Association of Japanese Animations  
The Institute of Image Information and Television Engineers  
Theatre and Entertainment Technology Association, Japan  
3D Consortium  
Ultra-Realistic Communications Forum  
Visual Industry Promotion Organization

◆ **Global Partner**

- ◆ **Organizer** Japan Electronics and Information Technology Industries Association (JESA)

# Exhibitor Profile

## Exhibits by Category

Category	Exhibitors		
	Domestic	Overseas	Total
Professional Audio	23	2	25
Video Expression/Professional Lighting	2	5	7
Video Production/Broadcasting Equipment	88	5	93
ICT/Cross-Media	15	0	15
<b>Total</b>	<b>128</b>	<b>12</b>	<b>140</b>

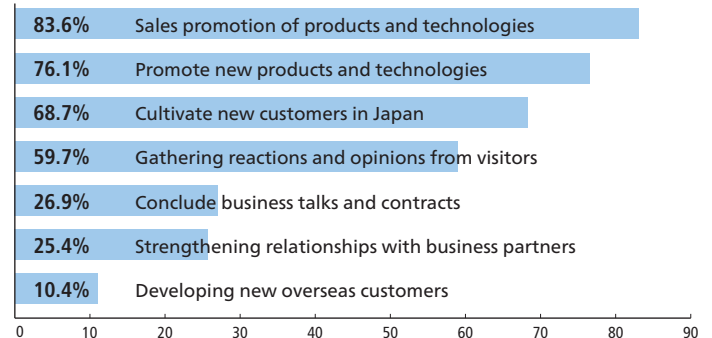
## Breakdown of Exhibitors

Area	Number of Countries/Regions/ Exhibiting Companies	Number of Exhibitors by Country/Region
Japan	1 Country/128 Companies	Japan 128
Asia	3 Countries/Regions/8 Companies	China 6, Taiwan 1, Hong Kong 1
Americas	1 Country/2 Companies	United States 2
Europe	2 Countries/2 Companies	England 1, Germany 1
	7 Countries/Regions	140 Companies/Organization

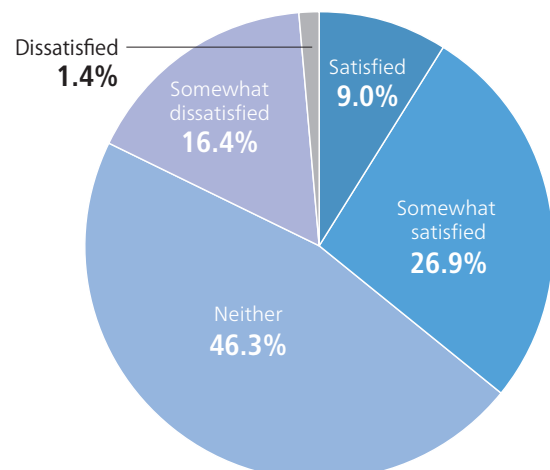
**7** Total Country / Region  
**12** Foreign Exhibitor

## Exhibitor Survey

### ◆ What was the purpose of your exhibit this time?



### ◆ How satisfied were you with the purpose of your visit?



# Publication and Promotion

## ■ Press Release

- \* Inter BEE 2020 will be held Online. (6/26)
- \* Inter BEE 2020 ONLINE will be Accepting Exhibitor Applications Today (7/30)
- \* Pre-register for Inter BEE 2020 ONLINE (10/23)
- \* Inter BEE 2020 ONLINE End of the Live event period (11/25)

## ■ Registered Press and Media:

**242** reporter/editor

\*Those who select "Reporter/Editor" as their job title during registration are counted as press.

## ■ Inter BEE 2020 related articles WEB NEWS

DC Watch	SankeiBiz
Stereo Sound Online	PC Watch
Nikkei Online	AV Watch
VIDEO SALON	VIDEO SALON
PRONews	minkabu PRESS
PR Times	YAHOO! News
BIGLOBENews	PHILE WEB
TV Technology	excite News
Exhibition & MICE	SVG NEWS
Event-marketing	Video SALON
ascii.jp	Developers.IO
Internet Watch	CAPA Camera Web
SVG NEWS	Real Sound tech
livedoor NEWS	

## ■ Inter BEE 2020 related articles Magazines

(\*In no particular order)

Denpa Shimbun	PROSOUND
Eizo Shimbun	VIDEO JOURNAL
Denpa Times	New Media
TVTechnology	VIDEO SALON
Video Tsushin	EVENT MARKETING
PRN Magazine	Exhibition & MICE

## ■ Digital Advertising (2020 Results)

● Facebook Reach:

**91,754** accounts

● Twitter Impressions:

**2,187,085** impressions

● Recommended Widget Impression:

**23,385,888** impressions

## ■ Inter BEE Official Mail Magazine

Official Mail Magazine July 2020 ~ February 2021

**35** Articles posted  
Total accounts per delivery **83,547** Accounts

## ■ Inter BEE Online Magazine

July 2020 ~ February 2021: **24** Articles published

## ■ Official Twitter

**2,824** Followers  
**104** Tweets posted  
Annual Impressions  
**2,187,085**



## ■ Official Facebook

**5,330** Followers  
**127** Posts  
Annual reach:  
**469,524** users  
FB paid advertising:  
**91,754** ads



## ■ 公式Instagram

**976** Followers  
**60** Posts  
(includes Instagram stories)



# Visitor Profile

## 2020 Registered Visitors

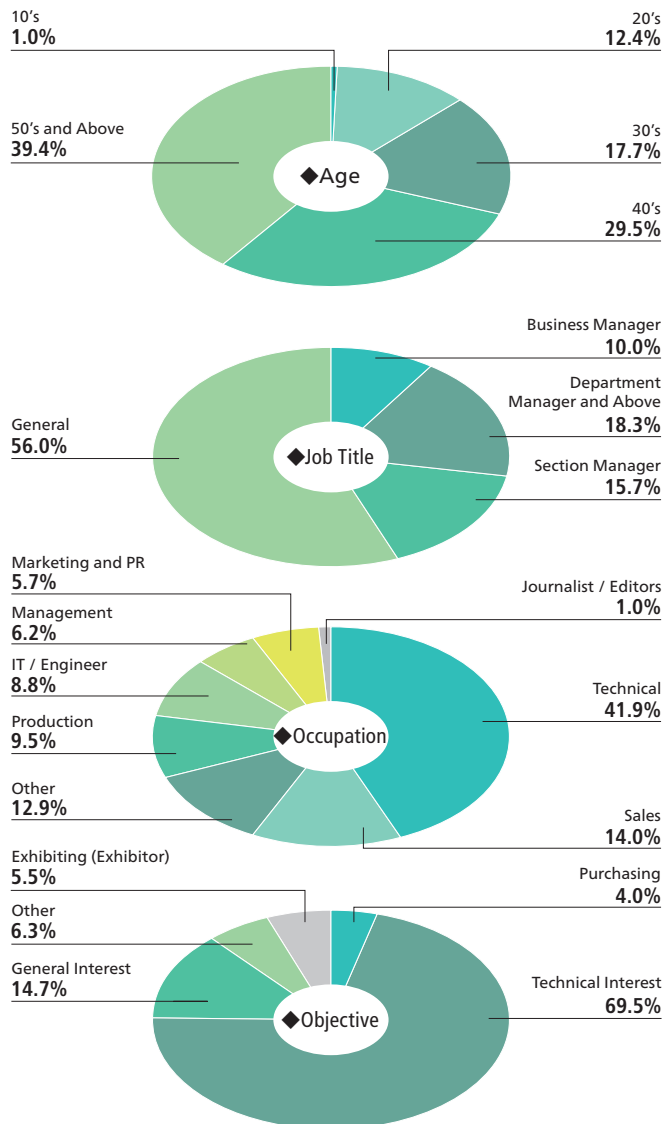
	11/18 (Wed.)	11/19 (Thu.)	11/20 (Fri.)	Live Event Period 11/18 - 20	Total Exhibition 11/18 - 2/26
Domestic	<b>10,599</b>	<b>3,910</b>	<b>2,306</b>	<b>16,815</b>	<b>20,746</b>
Overseas	<b>147</b>	<b>55</b>	<b>29</b>	<b>231</b>	<b>310</b>
<b>Total</b>	<b>10,746</b>	<b>3,965</b>	<b>2,335</b>	<b>17,046</b>	<b>21,056</b>



## Overseas Visitor Breakdown

Continent	Countries-Region / Number of Visitors	Number of visitors by Countries-Region
Japan	1 Country / 20,746	Japan 20,746
Asia	13 Countries-Region / 123	Korea 24, China 35, Taiwan 25, Hong Kong 6, Indonesia 1, Thailand 4, Singapore 6, Vietnam 3, India 9, Malaysia 4, Philippine 2, Macao 1, Myanmar 3
Americas	4 Countries / 41	United States 38, Brazil 1, Mexico 1, Panama 1
Europe	17 Countries / 57	England 6, Germany 6, Spain 2, France 3, Belgium 1, The Netherlands 5, Hungary 2, Czech 1, Russia 8, Finland 2, Austria 2, Croatia 1, Swiss 1, Ireland 4, Iceland 11, Slovakia 1, Azerbaijan 1
Middle East/Africa	5 Countries / 7	Turkey 2, Yemen 1, Afghanistan 2, Benin 1, South Africa 1
Oceania	1 Country / 3	Australia 3
Undefined		79
<b>Total</b>	<b>41 Countries-Region</b>	<b>21,056</b>

## Visitor Demographic (Survey)



## Type of Business

Equipment Manufacture	20.7%	Student	3.0%
Commeccial TV Broadcaster	15.4%	Telecommunication Carrier	2.3%
Public Broadcast Station	6.3%	Ad Agency	2.0%
Other User	6.2%	Related CATV	1.8%
Other Guest	5.1%	Government Office, Organization	1.4%
System Integrators	4.8%	Related Staging, Art and Lighting	1.3%
Film and Video Production Company	4.7%	Content Delivery Network	1.2%
Post-Production	4.5%	Facilities and Retail Stores	1.0%
Production	3.6%	Radio Station	1.0%
Related PA Equipment	3.5%	Record Manufacture	0.9%
Trading Company	3.0%	Publishing and printing	0.9%
Related Internet Business	2.6%	Video Software Production Company	0.4%
Related Content Creation	2.4%		

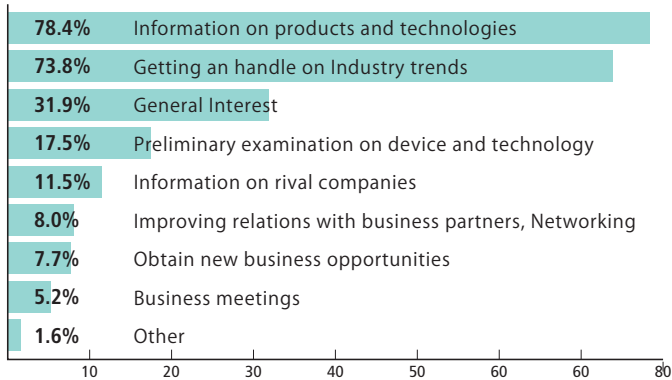
## Reasons for the Visit (Selected Multiple Answers)

Video Equipment	12.0%	Speakers	3.2%
Audio Equipment	7.2%	Transmission Systems	3.1%
Camera	5.7%	Public Viewing, Projection Mapping, Digital Signage	2.8%
Digital Content Creation	5.4%	VTRs, Memory Cards, Optical Disks	2.3%
Editing and Production Equipment	4.9%	Measuring System	2.2%
Cloud Services	4.7%	Production Management Systems	2.2%
VR,AR,3D	4.7%	Lighting Equipment	2.2%
Electronic Display	4.4%	Digital Cinema	2.0%
Software	3.9%	Stand-by and Peripheral Products	1.9%
Relay System	3.7%	OTT,SNS,Second Screen	1.6%
Servers, Stroage	3.4%	Electronic Power Unit	1.4%
Multimedia Systems	3.3%	Art and Staging	1.3%
Output Systems	3.2%	Other	0.8%
Microphone	3.2%		
Mixer	3.2%		

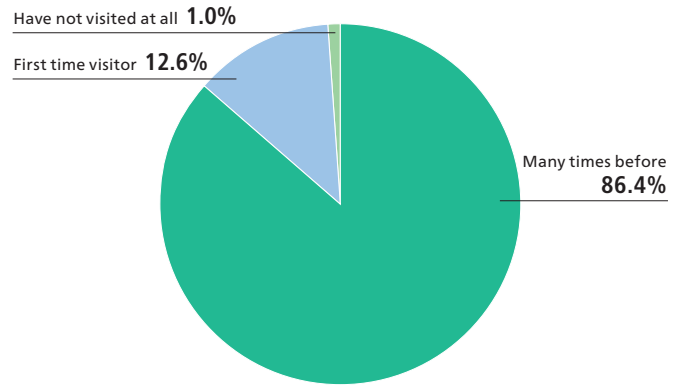


## Visitor Surey

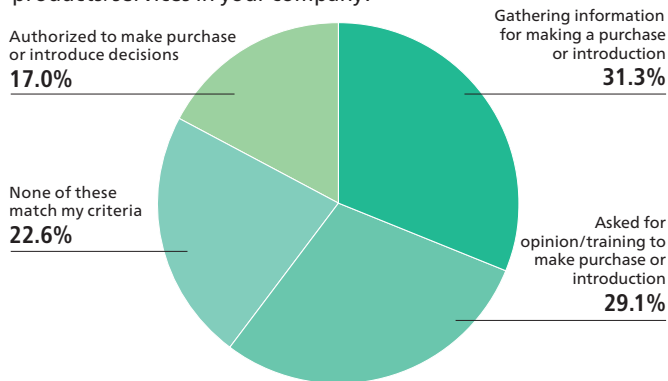
◆ Please tell us the purpose of your visit and registration to 『Inter BEE 2020 ONLINE』 ?



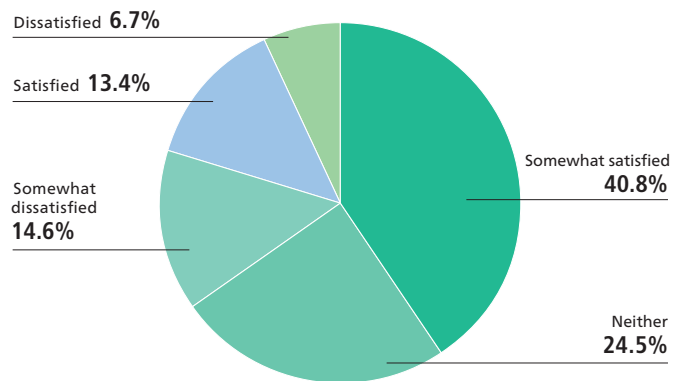
◆ Have you visited 『Inter BEE』 in the past?



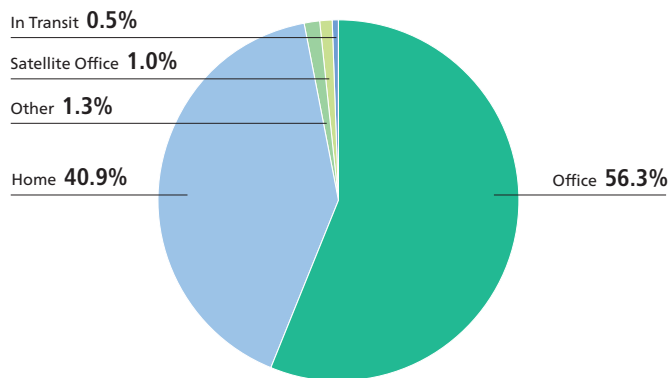
◆ To what degree are you involved in the process of purchasing products/services in your company?



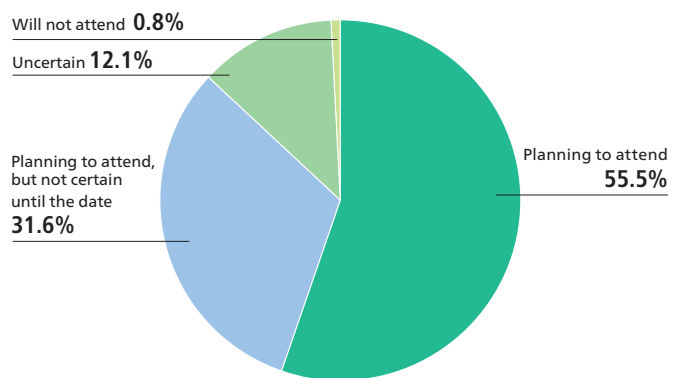
◆ How satisfied are you with 『Inter BEE 2020 ONLINE』 as a whole?



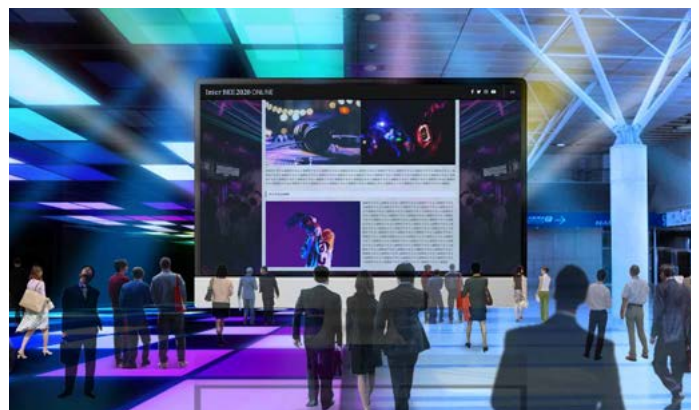
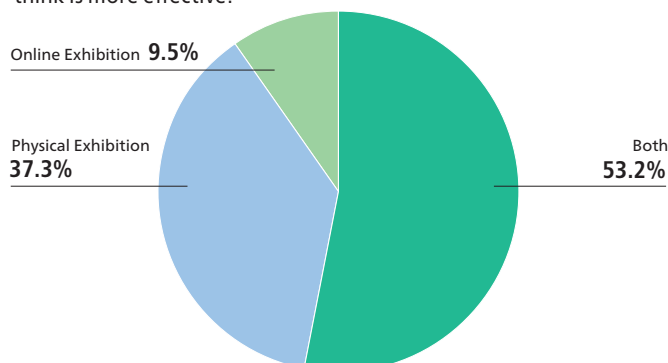
◆ Please tell us where you visited (watched) 『Inter BEE 2020 ONLINE』 ?



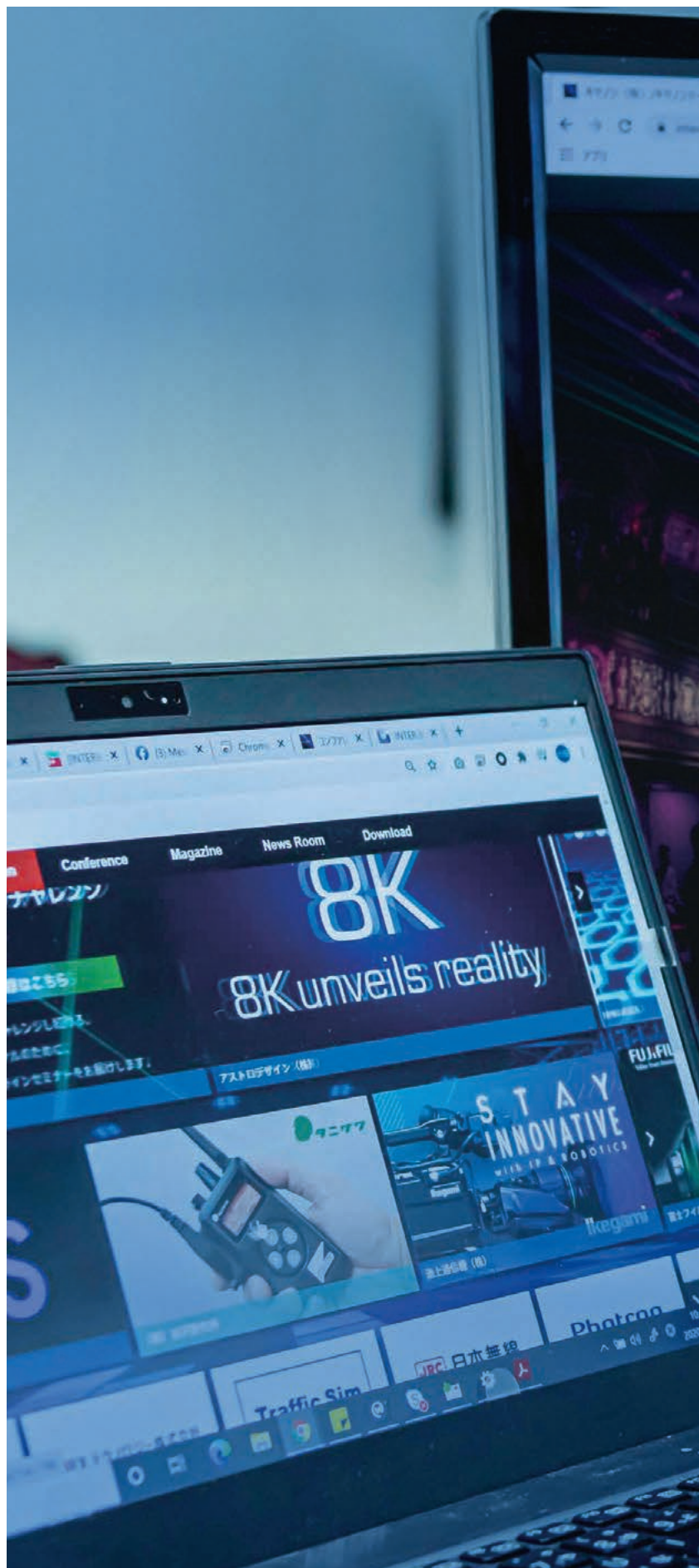
◆ Will you be attending in 『Inter BEE 2021』 ?



◆ When comparing online and physical exhibitions, which do you think is more effective?



Broadmedia & Entertainment  
**Inter BEE**



■ Organizer:

**JEITA** Japan Electronics and Information Technology Industries Association

■ Administration/Inquiries:

Japan Electronics Show Association  
4F Ote Center Bldg.,  
1-1-3, Otemachi, Chiyoda-ku, Tokyo 100-0004