

# Online and real all-media event opens on November 1!

## Opening & Keynote Session

Inter BEE 2022 opened its online venue on Tuesday, November 1, prior to the three-day event at Makuhari Messe starting Wednesday, November 16. The online venue remained open until Friday, December 23, so this year's Inter BEE was held over a period of 53 days.

The Opening & Keynote session, which opened the event, featured opening remarks by Takahito Tokita, Chairman of the Japan Electronics and Information Technology Industries Association (JEITA), followed by "Recent Trends in Broadcasting Policy" by Ryoji Yamazaki, Deputy Director-General for Broadcasting, Ministry of Internal Affairs and Communications, and "NHK's Approach in a New Media Era" by Keiji Kodama, Senior Director and Chief of Engineering, Japan Broadcasting Corporation.



**Mr. Ryoji Yamazaki**  
Deputy Director-General for Broadcasting,  
Ministry of Internal Affairs and Communications



**Mr. Keiji Kodama**  
Senior Director, Chief of Engineering,  
Japan Broadcasting Corporation.

## "Opportunities to touch and talk about products face-to-face combined with online advantages, make Inter BEE an even more useful platform"

Inter BEE 2022 will combine real and online events, continuing on from last year, with the online venue opening today, November 1, and the Makuhari Messe venue opening on November 16 for a three-day period.

We would like to take this opportunity to thank the ministries, agencies, and organizations involved for their generous support. Inter BEE has built up a history as Japan's premier professional exhibition for audio, video, and communications, and in recent years has undergone a major transformation to become a comprehensive media event covering "creating," "sending," and "receiving" content.

Visitors will see a wide variety of exhibitors showcasing state-of-the-art equipment and solutions. Special events will be held across specific fields such as metaverse, virtual production, and the convergence of broadcasting and telecommunications. We also hope that visitors will get a real sense of cutting-edge technologies, products, and trends through the conferences where stakeholders in the content business from Japan and abroad will take the stage.

At the online venue, keynotes, various online exhibits, and pre-sessions will be open to the public from today. At the Makuhari Messe venue, we hope that you will have the opportunity to actually touch the products and communicate directly with the people involved to deepen your understanding.

The online venue will remain open after the close of Makuhari Messe until December 23, allowing visitors to view archived videos of the conference. We hope that Inter BEE 2022 will prove to be a valuable venue for as many people as possible, combining the opportunity to touch and talk face-to-face with others about products and solutions with the advantages of anytime, anywhere online access.

Lastly, I would like to conclude my remarks by expressing my hope that this year's Inter BEE will serve as a venue for all exhibitors and visitors to create even better business opportunities and contribute to the further development of culture, society, and industry through content. Thank you very much.



**Takahito Tokita**  
Chairman, Japan Electronics and  
Information Technology Industries Association (JEITA)

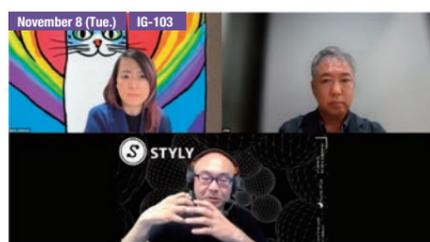
The online venue introduced exhibitors' products/services, streamed conference videos, and provided information on various special projects and events. The online venue served as a place for people to check information before visiting the exhibition so that they could make the most of their time at Makuhari Messe, and archived videos and posted additional information even after the closing of the Makuhari event.



- Contents of Online Venue
- Exhibit Map / Exhibitor List
- Online Exhibitor Detail Page
- Online Exhibitor Seminar
- Conference · Event News



## In the pre-session starting with Opening & Keynote, we delivered selected sessions on the latest topics in broadcasting, video, and audio.



## Pre Session

**KN-101 13:00 ▶ 14:30 ONLINE**  
Inter BEE 2022 Opening & Keynote

Speaker: Chairman, Japan Electronics and Information Technology Industries Association, President and Representative Director, Fujitsu Limited **Tokita Takahito**

Recent Trends in Broadcasting Policy  
Ministry of Internal Affairs and Communications, Deputy Director-General for Broadcasting **Yamazaki Ryoji**

NHK's Approach in a New Media Era  
Japan Broadcasting Corporation, Senior Director, Chief of Engineering **Kodama Keiji**

**KN-102 09:00 ▶ 09:10 ONLINE**  
Message from NAB Show

President and Chief Executive Officer **Curtis LeGeay**

**SP-101 13:00 ▶ 14:00 ONLINE**  
Creating Sustainable Programs for Carbon Neutrality - Trends in Europe

Media & IT Consultant **Jin Imazumi**

NHK ENTERPRISES, INC., Issues & Current Affairs Programs Department **Kyoko Gendatsu**

New Media magazine **Isamu Yoshii**

**SP-102 13:00 ▶ 14:30 ONLINE**  
Latest Information and Case Studies on "AoIP"

Panelist: Hibino Corporation, Chief Broadcast Audio Market, Hibino Marketing Div. **Satoru Ohishi**

Otaritec Corp., Presales manager **Chie Sugane**

Media Integration KK, Product Specialist **Yosuke Maeda**

Yamaha Music Japan Co., Ltd., Assistant Manager **Kenji Ishibashi**

tv asahi corporation, systems development & technical maintenance center **Takehiko Abe**

**IG-103 13:00 ▶ 14:00 ONLINE**  
XR/Metaverse/NFT. Frontiers of Digital Technology to increase the Value of Real Stores and Regions

Panelist: J. FRONT RETAILING Co., Ltd. **Naotaka Hayashi**

Psychic VR Lab Co., Ltd. **Masahiro Yamaguchi**

Moderator: HEART CATCH Inc., Founder and CEO **Mariko Nishimura**

**IG-101 15:00 ▶ 17:00 ONLINE**  
INTER BEE IGNITION × DCEXPO Special Session  
DCEXPO Program: Innovative Technologies 2022 Panel Talk "Panel Talk "New technologies appearing in Innovative Technologies 2022 and expectations for the future""]

Panelist: Maywa Denki, President **Novmichi Tosa**

Keio University, Graduate School of Media Design, Professor **Kouta Minamizawa**

Director, Media and Content Industry Division, Commerce and Information Policy Bureau, Ministry of Economy, Trade and Industry **Kanako Watanabe**

NTT Communication Science Laboratories, Senior Distinguished Researcher **Junji Watanabe, Ph.D.**

Moderator: KADOKAWA ASCII Research Laboratories, Inc., Research Fellow **Satoshi Endo**

**IG-102 15:00 ▶ 16:30 ONLINE**  
INTER BEE IGNITION × DCEXPO Special Session  
DCEXPO Program: TechBiz Pitch Battle

Executive Director, Toyonaka Investment and Consultancy Pte Ltd. **CHAN Wei Slang**

Manager, Marketing Communications, Intertrust Technologies **Phil Keys**

Novarizer, CEO **Shan Lu**

Partner / Chief Sustainability Officer, Genesys Ventures, Inc. **Masafumi Kawai**

Simpligon (Country Manager / NI Productions (NP Asia)) **Stephane Beaulieu**

Director of Strategic Research Engagement at NVIDIA and SIGGRAPH Asia Conference Advisory Group, SACAG Chair **Tomasz Bednars**

Mentor: Technology Seed Incubation Co., Ltd., Chairman **Hiroyuki Ohnishi**

Pricewaterhouse Coopers, Aarata LLC Seed Incubation Co., Ltd., Technology Partner **Nobuyuki Tsuji**

HEART CATCH Inc., Founder and CEO **Mariko Nishimura**

Certified Incubation Manager, New Energy and Industrial Technology Development Organization (NEDO) Innovation Promotion Department, Startup Group **Tadaaki Hashizume**

Moderator: Specially Appointed Professor, Professor Emeritus at Tokyo Institute of Technology **Koji Tanabe**

**IG-103 13:00 ▶ 14:00 ONLINE**  
INTER BEE IGNITION × DCEXPO Special Session  
XR/Metaverse/NFT. Frontiers of Digital Technology to increase the Value of Real Stores and Regions

Panelist: J. FRONT RETAILING Co., Ltd. **Naotaka Hayashi**

Psychic VR Lab Co., Ltd. **Masahiro Yamaguchi**

Moderator: HEART CATCH Inc., Founder and CEO **Mariko Nishimura**

**IG-104 13:00 ▶ 14:30 ONLINE**  
INTER BEE IGNITION × DCEXPO Special Session  
Conceptualizing Interspace - The Results of the Partnership Between Game Engine, BIM, and Blockchain/NFT

Panelist: Institute of Industrial Science, the University of Tokyo, Project Professor **Keisuke Toyoda**

The University of Tokyo, Professor **Yoichiro Miyake**

Startbahn, Inc., CEO **Taihei SHII**

TAKENAKA CORPORATION, **Tsukasa Ishizawa**

Moderator: HEART CATCH Inc., Founder and CEO **Mariko Nishimura**

**CN-101 13:00 ▶ 14:10 ONLINE**  
INTER BEE CONNECTED Special Session  
A Videographer Becomes a Pioneer in New Video Production

Panelist: Media Consultant **Osamu Sakai**

Voak Inc., CEO **Shuntaro Okamoto**

MMR Inc. **Takatoshi Ito**

Creative Team Videographer **Yuma Kumata**

Moderator: HEART CATCH Inc., Founder and CEO **Mariko Nishimura**

**CN-102 13:00 ▶ 14:40 ONLINE**  
INTER BEE CONNECTED Special Session  
TV Coverage in the "Era of Information Health"

Facilitator: TV ASAHI Corporation, Announcer **Naoyuki Hirashi**

Panelist: TBS TELEVISION, INC., Editorial Department **Kensuke Kasamura**

Broadcasting Division, News Presenter **Shinsaku Toshima**

Watanabe Entertainment Co., Ltd., Emcee, talent, actor **Toshiaki Megumi**

**EX-101 15:00 ▶ 16:00 ONLINE**  
INTER BEE EXPERIENCE Special Session  
Highlights of Audio related Seminars and X-Speaker

Panelist: tv asahi corporation, systems development & technical maintenance center **Takehiko Abe**

sound design, Inc. **Kenji Ouchi**

Facilitator: INTER BEE EXPERIENCE Producer **Yoshiki Takahashi**

# INTER BEE FORUM

**November 16 (Wed.)**

**KN-162 13:00 ▶ 14:30 International Conference Room INTER BEE CONNECTED KEYNOTE**  
**The "Essence of Media" as Revealed by the Latest Overseas Situation in Connected TV and Linear Distribution Services.**

Panelist  
**Hirosuke Usui** TBS Television, Inc. Senior Expert/Deputy President of Media Strategy and Planning Office  
**Koichi Sonoda** Media Tech ELSI R&D  
**Hiroaki Takasawa** TBS Television, Inc. Director of Media Strategy and Planning Office  
**Keiko Murakami** Japan Broadcasting Corporation Executive Researcher, Broadcasting Culture Research Institute

**KN-163 15:30 ▶ 17:00 International Conference Room INTER BEE FORUM KEYNOTE**  
**New Sound Creation Challenge! 2022**

Panelist  
**Akira Fukada** dream window inc  
**Teruaki Wasan** Asahi Television Broadcasting Corporation Engineering Division Professional / i-NEX+  
**Cindy Takehara** Production Technology & Operations Sound Technologist Netflix  
**Susumu Tsukagoshi** SEGA CORPORATION Technology Development Section Development Technology Department  
**Takehiko Abe** tv asahi corporation systems development & technical maintenance center

**SP-161 10:30 ▶ 12:00 Room 201 INTER BEE FORUM Special Session**  
**The Future of the Broadcasting Industry, as Proposed by a Group of Gen Z Engineers**

Panelist  
**Tatsuya Nagashima** TOKYO BROADCASTING SYSTEM TELEVISION Information and Communication Technology Division  
**Shumpei Urabe** NAXA, Inc. President  
**Shoya Nakamura** NAXA, Inc. Board Member  
**Yasuji Eguchi** Yasuji Eguchi Office LLC.

**SP-162 13:00 ▶ 14:30 Room 201 INTER BEE FORUM Special Session**  
**Advanced Imaging Society Japan Committee: Awards Ceremony for Lumière Japan Award 2022**

**Jim Chabin** Advanced Imaging Society President ※Video talk  
**Takashi Kawai** Advanced Imaging Society Japan Committee Chairman

**SP-163 15:00 ▶ 16:00 Room 201 INTER BEE FORUM Special Session**  
**A Discussion of Trends in UK Public Service Broadcasting and DVB Standards**

Panelist  
**Koichi Sonoda** Media Tech ELSI R&D  
**Shimizu Takeshi** BBC Broadcast Interpreter  
**Isamu Yoshii** New Media magazine

**SP-164 16:20 ▶ 17:50 Room 201 INTER BEE FORUM Special Session**  
**DCEXPO Program: Technology is Changing the Future of Diversity**

Panelist  
**Yoshiyuki Sankai** CEO and President, Cyberdyne Inc. Professor, Executive Research Director, Center for Cybernetics Research, University of Tsukuba Director, R&D Center for Frontiers of MIRAI in Policy and Technology, University of Tsukuba  
**Yoshiaki Sawabe** Chief Executive Officer, 1→10, Inc. CEO  
**Ayako Ozawa** Representative of BEYOND GIRLS / Wheelchair Artist  
**Mikito Ogino** Dentsu ScienceJam Inc. Chief Scientist

**November 17 (Thu.)**

**KN-171 10:30 ▶ 12:10 International Conference Room INTER BEE FORUM KEYNOTE**  
**IPTV Forum Connected TVs - The Current Status and Future of Domestic Services**

Keynote Speech: Promote internet streaming of broadcast content  
**Shunsuke Ida** Ministry of Internal Affairs and Communications Director of Promotion for Content Distribution Division, Information and Communications Bureau  
 Keynote Speech: Evolution to Digital Native Media/Infrastructure  
**Hiroshi Esaki** IPTV Forum

Panel discussion: The Current Status and Future of Domestic Services  
 Moderator  
**Keiko Murakami** Japan Broadcasting Corporation Executive Researcher, Broadcasting Culture Research Institute  
 Panelist  
**Shunsuke Ida** Ministry of Internal Affairs and Communications Director of Promotion for Content Distribution Division, Information and Communications Bureau  
**Current Status and Future of Tver**  
**Hisaya Suga** TVer INC.  
**Current Status and Future of NHK plus**  
**Noriko Nishimura** Japan Broadcasting Corporation

**KN-172 13:00 ▶ 14:00 International Conference Room INTER BEE FORUM KEYNOTE**  
**A-PAB Talk Session "Even Gen Z Can Understand! The Appeal of New 4K8K Satellite Broadcasting"**

Guest  
**Risa Kunimoto** NHK [NABE] BUGYOZ, NTV [Super Invincible Class] as regular member NTV/Zoom in!! Saturday Weather reporter, Many other appearances  
 Commentator  
**Takashi Uchiyama** Aoyama Gakuin University School of Cultural and Creative Studies

**KN-173 15:30 ▶ 17:00 International Conference Room INTER BEE IP PAVILION KEYNOTE**  
**Four big tech companies (Cisco, Amazon, Google, and Microsoft) talk about the move from 'SDI to IP and Cloud' with Japanese broadcasting stations**

Speaker  
**Daiyu Hatakeyama** Microsoft Japan Co., Ltd. Customer Success Group Senior Cloud Solution Architect  
**Yohei Shimokawa** Cisco Systems Data Center Network BU Product Manager/ASIA  
**Takato Yamaguchi** Amazon Web Services Japan Principal Business Development Manager (Media & Entertainment)  
**Yuichiro Danno** Google Cloud Japan Custom Engineer  
 Questioner  
**Kazuyuki Arai** Japan Broadcasting Corp. Production Engineering Division Principal Engineer  
**Hisatomo Nakahama** Shizuoka Daiichi-tv Technical Produce Dept

Moderator  
**Isamu Yoshii** New Media magazine

**SP-171 10:30 ▶ 11:10 Room 201 INTER BEE FORUM Special Session**  
**"Virtual NHK" - Using the Metaverse to Create Programs**

**Masaru Seo** SlowNews, Inc. President  
**Takashi Uchiyama** Aoyama Gakuin University School of Cultural and Creative Studies  
**Ryosuke Nishida** Tokyo Institute of Technology Institute for Liberal Arts, Associate Professor  
**Naoto Kikuchi** Keio University Graduate school of Media Design Project Professor

**SP-172 12:00 ▶ 13:00 Room 201 INTER BEE FORUM Special Session**  
**To keep broadcasting and video production operations sustainable**

Speaker  
**Takashi Okawa** Microsoft Japan Co., Ltd. Cloud Solution Architect / Global Partner Solutions

**SP-173 13:30 ▶ 18:00 Room 201 INTER BEE FORUM Special Session**  
**DCEXPO Program: Japan VR Fest Developers Conference**

Developers at the forefront of VR, AR, and the Metaverse will share their ideas, know-how, and future in a 10-minute presentation.

Moderator  
**Kenji Takahashi** CEO Ouka-ichi-mon.inc

**November 18 (Fri.)**

**KN-181 10:30 ▶ 11:30 International Conference Room INTER BEE CREATIVE KEYNOTE**  
**Thoughts after Filming the Taiga Drama The Secret Story Behind the Making of "The 13 Lords of the Shogun"!**

Speaker  
**Teruyuki Yoshida** Japan Broadcasting Corporation  
 Moderator  
**Takafumi Yuki** INTER BEE CREATIVE Director

**KN-182 13:00 ▶ 14:00 International Conference Room INTER BEE IGNITION x DCEXPO KEYNOTE**  
**Future Society and Advanced Technologies Envisioned by EXPO2025 Osaka Kansai, Japan**

Panelist  
**Yoichi Ochiai** Media Artist (Thematic Producer for EXPO2025 Osaka Kansai, Japan)  
**Masaru Ishikawa** Planner, Producer CEO of Think Communications, Co., Ltd. Visiting Professor of Osaka Metropolitan University (Site Operation Producer for EXPO2025 Osaka Kansai, Japan)  
**Satoshi Endo** Senior Research Fellow, KADOKAWA ASCII Research Laboratories, Inc. (Advisor for MIT Technology Review Japan Edition, ASCII STARTUP Executive Advisor)

Moderator  
**Yoichiro Miyake**  
**Tomoyasu Hirano**  
**Kenji Saito** Waseda University Professor, Graduate School of Business and Finance  
**Yuichi Harada** Kyushu University Global Innovation Center, Division Director & Professor  
**Masaharu Takano** Bitmedia Inc. CEO, President  
**Seiji Kunishige**

**SP-181 10:30 ▶ 11:30 Room 201 INTER BEE FORUM Special Session**  
**The Future of Radio and Business Models for Audio Media**

Panelist  
**Hisashi Kawakita** TAISHO UNIVERSITY Faculty of Communication and Culture  
**Taisuke Yagi** Otonal Inc. CEO  
**Kohei Onuma** MBS RADIO, INC MBS Young Town PRODUCER  
**Yoshihiro Oto** Sophia Univ Professor, Department of Journalism

Moderator  
**SP-182 13:00 ▶ 14:30 Room 201 INTER BEE FORUM Special Session**  
**The Role of Broadcasting Stations in the Attack on Ukraine and Creating Order in the Digital Space** Supported by Digital Policy Forum Japan

Panelist  
**Masaru Seo** SlowNews, Inc. President  
**Takashi Uchiyama** Aoyama Gakuin University School of Cultural and Creative Studies  
**Ryosuke Nishida** Tokyo Institute of Technology Institute for Liberal Arts, Associate Professor  
**Naoto Kikuchi** Keio University Graduate school of Media Design Project Professor

**SP-183 15:00 ▶ 16:30 Room 201 INTER BEE FORUM Special Session**  
**"The History of Microphone Development and Upcoming Strategies", According to a Microphone Producer**

Panelist  
**Volker Schmitt** Sennheiser electronic GmbH & Co. KG Technical Application Engineering, Pro Audio Business Unit Manager, Technical Application Engineering  
**Seiichi Miyawaki** Sennheiser Japan K.K.  
**Michael Johns** SHURE INCORPORATED Associate Director, Global Product Management  
**Hiro Sawaguchi** Shure Japan Limited Director, Pro Audio  
**Yoshihiro Murakami** Sony Corporation Audio Products Engineering Sec. 2, Platform Design Dept. 5 Products Design Div. 2 Products Technology Center Imaging Products & Solutions Business Group  
**Takehiko Abe** tv asahi corporation systems development & technical maintenance center

**Online Exhibitor Seminar**

**Nov. 16 (Wed.)**

**10:00 ▶ 11:00 ES1-101**  
**Broadcast/Media Transformation with Google Cloud**  
**Shojiro Kumon** Google Cloud Senior Account Executive

**11:30 ▶ 12:30 ES2-101**  
**Observability for streaming performance**  
**Tomohiro Furugaki** Solution Consultant New Relic K.K.  
**Takashi Kaga** Lead Engineer TVer

**13:00 ▶ 13:30 ES1-103**  
**Introducing the latest technologies and solutions to enable IP broadcasting.**  
**Mizuki Kanada** Sony Corporation Imaging Products & Solutions Business Group, Media Solution Business Div., Media Solution Design Dept., General Manager  
**Yohei Shimokawa** Cisco Systems G.K. Data Center Networking BU Technical Marketing Product Manager/ASIA

**13:30 ▶ 14:00 ES2-103**  
**What's new with Adobe video products and Adobe Stock.**  
**Reiko Tanka** Adobe KK Marketing Manager, Marketing Department  
**Kei Oki** Adobe KK GTM Business Manager, Digital Growth GTM, Digital Media

**14:30 ▶ 15:30 ES1-104**  
**Next Generation OTT Delivery**  
**Alexandre Arnodin** Aterme Vice President Video Delivery Solutions

**Nov. 17 (Thu.)**

**10:00 ▶ 11:00 ES1-201**  
**Google Direct to Consumer solution**  
**Yuichiro Danno** Google Cloud Customer Engineer

**14:30 ▶ 15:30 ES1-204**  
**~ "from Amsterdam" Latest Trends in Video Streaming Distribution Technology ~ "Virtual Channels": Advantage of using VOD2Live technology; live video delivery utilizing VOD assets**  
**Itaru Kitazawa** ORCA Production, Inc. CEO  
**Dirk Griffioen** Unified Streaming CEO

**14:30 ▶ 15:30 ES2-204**  
**MQA is Broadening its Horizons**  
**Bob Stuart** MQA Ltd. CTO

**Co-located Session**

**The 59th JBA Symposium of Broadcast Technology**

▶ Venue: Makuhari Messe 3F International Conference Hall  
 ▶ Sponsored by: The Japan Commercial Broadcasters Association

	Room 301	Room 302	Room 303
Nov. 16 (Wed.)	10:30▶15:10 Production Engineering	10:30▶15:10 CG / Computer / Vision	10:30▶16:00 Broadcasting / Streaming
Nov. 17 (Thu.)		10:30▶11:20 Transmission Circuitry	10:30▶12:35 Sound Broadcasting and Audio
		<b>Special Event 14:00▶16:30</b> File-based content production systems and workflows - "past" and "future"	
Nov. 18 (Fri.)	10:30▶14:45 Production Engineering	10:30▶12:35 Transmission 13:30▶15:35 Datacasting / Broadcast Communications Cooperation / Digital Services	10:30▶15:10 Broadcasting / Streaming

# INTER BEE EXPERIENCE

## X-Speaker SR Speaker Experience Demo

▶Venue: Makuhari Messe Event Hall

November 17 (Thu.), 10:00 Doors open	
10:30	<b>RAMSA</b> WS-HM5000series Panasonic Connect Co., Ltd.
11:10	<b>TWAUDIO</b> ELLA-SYS CAEL WORKS INC.
11:50	<b>Ey Electro-Voice</b> MFX Multi-function monitor speakers Bosch Security Systems Ltd.
12:30	<b>S-SERIES S10n</b> REWIRE INC.
13:10	<b>RAMSA</b> WS-LA500Aseries Panasonic Connect Co., Ltd.
13:50	<b>JBL</b> VTX A8 system Hibino corporation
14:30	<b>CLAIR</b> COHESION SERIES CO12 REWIRE INC.
15:10	<b>M</b> Wavefront Precision Optimised Line Arrays Martin Audio Japan Inc.
15:50	<b>d&amp;b audiotechnik</b> SL-Series XSL8 / XSL12 / XSL-SUB d&b audiotechnik Japan K.K.
16:30	<b>K3</b> Bestec Audio Inc.
17:10	<b>L1 Pro Portable Line Array Systems</b> BOSE

Doors close at 17:50

November 18 (Fri.), 10:00 Doors open	
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Doors close at 17:50

Point source speaker / Standalone line array speaker	Compact line array speaker	Medium and large line array speaker
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◆Equipment Cooperation: REWIRE INC. / CAEL WORKS INC. / Martin Audio Japan Inc.

# INTER BEE CREATIVE

**Keynote** ▶Venue: International Conference Room

**November 18 (Fri.)**

**KN-181** 10:30 ▶ 11:30 INTER BEE CREATIVE KEYNOTE

Thoughts after Filming the Taiga Drama The Secret Story Behind the Making of "The 13 Lords of the Shogun"!

Speaker **Teruyuki Yoshida** Japan Broadcasting Corporation.

Moderator **Takafumi Yuki** INTER BEE CREATIVE Director

**Special Session** ▶Venue: Exhibition Hall 7

**November 16 (Wed.)**

**CR-161** 10:30 ▶ 11:30

How did the Heroine Fly? Report from the Set of NHK's TV series "Maigare (Soar High)!"

Speaker **Noritoki Kumano** NHK

Moderator **Takafumi Yuki** INTER BEE CREATIVE Director

Panelist **Yoshihiro Takahashi** NHK

**CR-162** 12:00 ▶ 13:00

Shooting at the Current Location with LEDs -Using an LED SCREEN PROCESS

Speaker **Syun Iwana** 2nd stage Corporation Sales Manager

**CR-163** 13:30 ▶ 14:30

Real or Fake? New visual expression using VFX technology

Speaker **Akiko Suzuya** OMNIBUS JAPAN INC.

Moderator **Takafumi Yuki** INTER BEE CREATIVE Director

Panelist **Takashi Usagawa**

**CR-164** 15:00 ▶ 16:00

Video creativity developed through verification and experimentation

Panelist **Fuyu Arai**

Moderator **Chiyoie Sugita**

Panelist **Tsutomu Arai**

## Virtual Production Exhibits & Studio Pitch Presentation in Inter BEE

▶Venue: Exhibition Hall 7

A map of booths exhibiting virtual production-related equipment (LED walls, cameras, studio equipment, etc.), with a focus on in-camera VFX, was distributed, and pitch presentations were given by representatives from domestic in-camera VFX studios such as "Kiyosumi Shirakawa BASE" and "n00b.st".

16:00~17:30 November 16 (Wed.)

**n00b.st (Studio N00b) Pitch Presentation**

15:30~16:15 November 17 (Thu.)

**"Future of Virtual Production" Talk Show**

Kiyosumi Shirakawa BASE / INTER BEE CREATIVE Director, Takafumi Yuki,

15:30~17:00 November 18 (Fri.)

**Kiyosumi Shirakawa BASE Pitch Presentation**

# INTER BEE CONNECTED

**Keynote** ▶Venue: International Conference Room

**November 16 (Wed.)**

**KN-162** 13:00 ▶ 14:30 INTER BEE CONNECTED KEYNOTE

The "Essence of Media" as Revealed by the Latest Overseas Situation in Connected TV and Linear Distribution Services.

Moderator **Keiko Murakami** Japan Broadcasting Corporation Executive Researcher, Broadcasting Culture Research Institute

Panelist **Hirosuke Usui** TBS Television, Inc. Senior Expert/Deputy President of Media Strategy and Planning Office

Panelist **Koichi Sonoda** Media Tech ELSI R&D

Panelist **Hiroaki Takasawa** TBS Television, Inc. Director of Media Strategy and Planning Office

**Special Session** ▶Venue: Exhibition Hall 7

**November 17 (Thu.)**

**CN-171**

The New Media Lifestyle During the COVID era

Moderator **Ritsuya Oku** Dentsu Inc. Chief Executive Director, Dentsu Media Innovation LabFellow, Dentsu Institute

Panelist **Kanehito Watanabe** Video Research Ltd. HITO Lab.

Panelist **Mariko Morishita** Dentsu Inc. Principal Researcher, Dentsu Media Innovation Lab

**CN-172**

The World Cup is Almost Here! Changing the Way People Watch Sports

Moderator **Kosuke Hiraiwa** ODYSSEY INC. CEO / eSports caster

Panelist **Yasutaka Tsukamoto** AbemaTV, Inc. Programming headquarters Sports entertainment department General manager

Panelist **Takayuki Shinoda** NIPPON TELEVISION NETWORK CORPORATION Senior Manager, Engineering & Technology Division

Panelist **Kojiro kurotobi** Undotsushin inc. CEO

**CN-173**

How Can We Create Media that "Leaves No One Behind"?

Moderator **Keiko Murakami** Japan Broadcasting Corporation Executive Researcher, Broadcasting Culture Research Institute

Panelist **Teruaki Kaku** TV Asahi Corporation

Panelist **Naoyuki Arai** Japan Broadcasting Corporation News Features Production Center Senior Producer

Panelist **Koki Ozora** lbashochat.org CEO

Panelist **Shiro Oguni** OGUNISHIROJIMUSYO Co.,Ltd CEO

**Exhibitor** ▶Venue: Exhibition Hall 7

7002 Multiscreen Broadcasting Study Group

7003 New Relic K.K.

7004 J-Stream Inc.

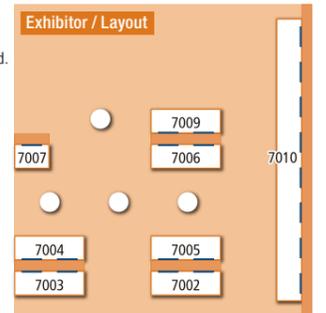
7005 J-Stream Inc.

7006 Hokuriku Denwa Kouji Co., Ltd.

7007 ORCA Production, Inc.

7009 JEITA Tape Storage Technical Committee

7010 IPTV FORUM JAPAN



**November 18 (Fri.)**

**CN-181**

Tips for survival are in "IP Entertainment Connecting Japan and Korea."

Moderator **Tomoko Hasegawa**

Panelist **Seonhye HWANG** Professional University of Information and Management for Innovation Visiting Professor

Panelist **NAGAO Akira** TBS Television Inc. Studio Toon corp.

Panelist **Yasuyuki Azuma** Fuji Television Network, Inc. Manager Global Business Content Business Development Programming and Production Department

**CN-182**

Considering the Significance and Role of Local Stations in the World Outside Broadcasting

Moderator **Koji Nagae** TVQ KYUSHU BROADCASTING CO.,LTD.

Panelist **Masaki Tsuge** Rakuten Group, Inc. Commerce Company Regional Economy Vitalizing Business Co-Innovation Business Department Senior Manager

Panelist **Kazuya Sano** Torch Inc. President/Planner, Business Development

Panelist **Masafumi Yano** Imabari. Yume Sports Inc. COO

**CN-183**

Considering the Significance and Role of Local Stations in the World Outside Broadcasting

Moderator **Osamu Sakai** Media Consultant

Panelist **Atsuya Takase** GENERATE ONE, Inc CEO

Panelist **Katsuo Hirayama** K conTents, Inc CEO

Panelist **Yoichiro Kakuta** Variety Producer

# INTER BEE IGNITION × DCEXPO

## Keynote ▶Venue: International Conference Room

November 16 (Wed.)

INTER BEE IGNITION × DCEXPO KEYNOTE

KN-182 13:00 ▶ 14:00

Future Society and Advanced Technologies Envisioned by EXPO2025 Osaka Kansai, Japan

<p>Panelist</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Yoichi Ochiai</b> Media Artist (Thematic Producer for EXPO2025 Osaka Kansai, Japan)</p>  </div> <div style="text-align: center;"> <p><b>Masaru Ishikawa</b> Planner, Producer CEO of Think Communications, Co., Ltd. Visiting Professor of Osaka Metropolitan University (Site Operation Producer for EXPO2025 Osaka Kansai, Japan)</p>  </div> </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Satoshi Endo</b> Senior Research Fellow, KADOKAWA ASCII Research Laboratories, Inc. (Advisor for MIT Technology Review Japan Edition, ASCII STARTUP Executive Advisor)</p>  </div>
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## Special Session ▶Venue: ONLINE

November 16 (Wed.)

**IG-161 DCEXPO Program: Art Transmits the Future**  
— Talk Session Commemorating the 2022 Tsumugi & Takumi Awards —

<p>Panelist</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Tetsuya Komuro</b> Musician/Producer</p>  </div> <div style="text-align: center;"> <p><b>Hideki Wada</b> Psychiatrist/Writer</p>  </div> </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Yoichiro Kawaguchi</b> Artist/Professor Emeritus at the University of Tokyo</p>  </div>
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**IG-162 The Latest Trends in Polymetric Capture**

<p>Panelist</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Akio Oba</b> Sony Interactive Entertainment LLC</p>  </div> <div style="text-align: center;"> <p><b>Hakubun Ito</b> WiseFool Pictures, Inc.</p>  </div> </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Mayumi Morinaga</b> Hakuhodo DY Media Partners Incorporated</p>  </div>
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November 17 (Thu.)

**IG-171 DCEXPO Program "ACM SIGGRAPH Invited Talk Session: Content Technologies Change the Future — Fireside Chat with Dr. Mashhuda Glencross on the Role of Visual Technologies —"**

<p>Panelist</p> <div style="text-align: center;"> <p><b>Dr. Mashhuda Glencross</b> Senior Lecturer in Computer Science, School of Information Technology and Electrical Engineering - University of Queensland / SIGGRAPH 2023 Emerging Technologies Chair</p>  </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Koji Suginuma, Ph.D.</b> Lecturer, Nihon University/ Senior Editor, The Eizo Shimburn</p>  </div>
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**IG-172 The Potential of web3 in the Cosmic Metaverse**

<p>Panelist</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Masayoshi Boku</b> Bascule Inc.</p>  </div> <div style="text-align: center;"> <p><b>Motoki Tani</b> Animoca Brands KK CEO</p>  </div> </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Mariko Nishimura</b> HEART CATCH Inc. CEO</p>  </div>
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November 18 (Fri.)

**IG-181 DCEXPO Program: Japanese Geek Women Empower the Future Vol.3**

<p>Panelist</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Ayaka Ikezawa</b> Software engineer</p>  </div> <div style="text-align: center;"> <p><b>Etsuko Ichihara</b> Media artist, Fantasy inventor</p>  </div> </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Madoka Chiyoda (chomado)</b> Microsoft Cloud Developer Advocate</p>  </div>
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**IG-182 Can TV Stations Get Into the Minds of Users? - A Discussion from the Perspective of New Businesses and Technology**

<p>Panelist</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Ranna Kinjo</b> RKB MAINICHI BROADCASTING CORPORATION Media Innovation Center</p>  </div> <div style="text-align: center;"> <p><b>Takafumi Kuno</b> Nippon Television Network Corporation</p>  </div> </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Mina Kase</b> TV TOKYO Corporation</p>  </div>
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**IG-183 DCEXPO Program: Technology to help humans become more free - Meta talks about cutting-edge HMD "HDR-VR" -**

<p>Panelist</p> <div style="text-align: center;"> <p><b>Nathan Matsuda</b> Reality Labs Research, Meta</p>  </div>	<p>Moderator</p> <div style="text-align: center;"> <p><b>Kiyoshi Kiyokawa</b> Nara Institute of Science and Technology (NAIST) Cybernetics &amp; Reality Engineering (CARE) Laboratory, Division of Information Science, Graduate School of Science &amp; Technology,</p>  </div>
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## Exhibitor ▶Venue: Exhibition Hall 7

INTER BEE IGNITION × DCEXPO

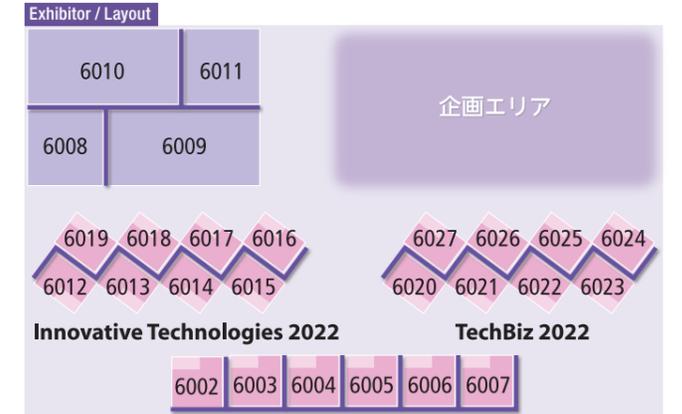
- |                                  |  |
|----------------------------------|--|
| 6002 monoAI technology Co., Ltd. | 6003 GRAPS Co., Ltd.                             |
| 6004 ASIAGRAPH CG ART GALLERY    | 6005 Digital Content Association of Japan (DCAJ) |
| 6006 SIGGRAPH Asia 2022          | 6007 KAIST (from SIGGRAPH2022)                   |
| 6008 mountain studio Inc.        | 6009 TOKYO COMPUTER SERVICE CO., LTD             |
| 6010 Solidray Co.,Ltd.           | 6011 KUMONOS Corporation                         |

Innovative Technologies 2022

- 6012 Qosmo, Inc.  
6013 Kirin Holdings Company, Limited / Meiji University  
6014 Hosei University / The University of Tokyo / Meiji University  
6015 The University of Tokyo, Graduate School of Information Science and Technology, Biohybrid System Laboratory  
6016 Junichi Ushiba Laboratory, Faculty of Science and Technology, Keio University/The University-based startup, LIFESCAPES Inc.  
6017 sekisai inc.  
6018 Shiftall Inc.  
6019 Hakuhold Inc.

TechBiz : Technology Business Acceleration Program

- |                            |                      |
|----------------------------|----------------------|
| 6020 X, inc.               | 6024 1/AK Inc.       |
| 6021 DENDOH Inc.           | 6025 Jolly Good Inc. |
| 6022 REWASEDA INC.         | 6026 xCura, Inc.     |
| 6023 Aromajoin Corporation | 6027 TRIBAWL         |



## Planned events ▶Venue: Exhibition Hall 6

November 16 (Wed.) Stage Events

**10:30 ▶ 12:00**

**Award Ceremony for Advanced Imaging Society's Lumiere Japan Award 2022**

The 2022 winners of the Lumiere Japan Award, given to high-quality 4K/8K and VR works, and the Good Practice Award, given to initiatives expected to contribute to the development of these fields, were announced and presented with their awards.

Exhibitor Demonstration

**13:00 ▶ 13:30**

**1/AK inc. – Part 1**

A participatory event was held to demonstrate a new and as yet unseen era of dance training experience: "learning to dance while synchronizing with a smartphone and a single video." The lecture included a lesson with audience participation, and a lecture for dance studios and dance instructors on how INSYNC can update the problems they face in dance lessons. Dance performances by professional dancers and an event to experience dance synchronization performed with INSYNC were held.

**13:30 ▶ 14:00**

**DENDOH inc.**

Introducing "molz," an avatar creation platform for the Metaverse. DENDOH introduced two systems: "molzHub," a system for end-users to create and edit avatars, purchase fashion items, and manage them; and "molz SDK," a system that enables companies providing metaverse space to use avatar makeup functions within their own metaverse services.

**14:00 ▶ 14:30**

**JOLLY GOOD Inc.**

JOLLY GOOD introduced "Medical Education VR", which enables medical professionals to create VR teaching materials themselves and conduct clinical practice anytime, anywhere. They also presented the latest examples and solutions used at medical facilities and educational institutions in Japan and overseas.

**14:30 ▶ 15:00**

**1/AK inc. – Part 2**

A participatory event was held to demonstrate a new and as yet unseen era of dance training experience: "learning to dance while synchronizing with a smartphone and a single video." The lecture included a lesson with audience participation, and a lecture for dance studios and dance instructors on how INSYNC can update the problems they face in dance lessons. The [feedback training] service, which is actually adopted in the dance training field, was demonstrated with lessons.

**15:30 ▶ 16:00**

**Tokyo Computer Service Co., Ltd.**

Tokyo Computer Service introduced "Avatar Jockey", an application that enables interactive music experience in XR space. They gave a performance showing how to create a music space by using avatars as musical instruments.

**16:00 ▶ 16:30**

**Aromajoin Corporation**

While explaining the history of TVs that emit fragrance, the audience experienced "Scent of Mystery," which was aired in 1960, using the conventional scented paper (tester) method. This was followed by an introduction of Aromajoin's latest technology.

**16:30 ▶ 17:00**

**X,inc**

X,inc introduced their latest products. Those who wished were allowed to actually operate the products.

**17:00 ▶ 17:30**

**Shiftall Inc.**

What do people do for fun in the VR metaverse? Shiftall introduced its appeal. They also demonstrated HaritoraX, a body tracking device that has become must-have equipment for heavy users, and mutalk, a soundproof microphone.

November 17 (Thu.) / 18 (Fri.)

**EXPLORE NEW REALITIES VR Contents Experience Corner**

**Content #1 Ikebukuro Mirror World**

Ikebukuro Mirror World" is a metaverse service operated by TV Tokyo. It is an "Alternative Ikebukuro" that can be played from anywhere in Japan with a single smartphone, PC, or VR device. In the virtual space created by the TV station, we delivered events and new experiences that can only be seen here. Contents provided by TV Tokyo



**Content #2 -Blue Eyes in HARBOR TALE- Art Set VR**

The art set of "Blue Eyes in Harbor Tail," the second film of the neocartoon animation "Harbor Tail," which was created by the "Blue Eyes in Harbor Tail" team, was converted to VR using photogrammetric technology. Contents provided by I.TOON Ltd. / Re-invention Co., Ltd.



**Content #3 Batten Girls Special VR Live 2022**

Advanced Imaging Society  
Lumiere Japan Award  
Grand Prix in VR category  
Winner: BATTEN Records / FUJI MEDIA TECHNOLOGY, INC.



**Content #4 Nagisanite**

Advanced Imaging Society  
Lumiere Japan Award  
Special Award in VR category  
Winner: CinemaLeap




# INTER BEE IP PAVILION

**Keynote** ▶Venue: International Conference Room

November 17 (Thu.)

**KN-173** 15:30 ▶ 17:00 INTER BEE IP PAVILION KEYNOTE

Four big tech companies (Cisco, Amazon, Google, and Microsoft) talk about the move from 'SDI to IP and Cloud' with Japanese broadcasting stations

**Speaker**

**Daiyu Hatakeyama**  
Microsoft Japan Co., Ltd.  
Customer Success Group  
Senior Cloud Solution Architect

**Yohei Shimokawa**  
Cisco Systems  
Data Center Network BU  
Product Manager/ASIA

**Takato Yamaguchi**  
Amazon Web Services Japan  
Principal Business Development Manager  
(Media & Entertainment)

**Yuichiro Danno**  
Google Cloud Japan  
Custom Engineer

**Questioner**

**Hisatomo Nakahama**  
Shizuoka Daiichi-tv  
Technical Produce Dept

**Kazuyuki Arai**  
Japan Broadcasting Corp.  
Production Engineering Division  
Principal Engineer

**Isamu Yoshii**  
New Media magazine

**Moderator**

**Relay Seminars** ▶Venue: Exhibition Hall 7

November 16 (Wed.)

11:00 ▶ 11:20	<b>Basics: IP Network Concept</b>	Leader Electronics Corporation
11:30 ▶ 11:50	<b>Basics: Commentary on Broadcast System IP Adoption from Synchronization Technology</b>	Telestream Japan GK
12:00 ▶ 12:20	<b>Commentary: Makeup of IP PAVILION Booths</b>	SEIKOH GIKEN Co., Ltd.
12:30 ▶ 12:50	<b>Introduction: For Those Considering IP Adoption</b>	Leader Electronics Corporation
13:00 ▶ 13:20	<b>Basics: Commentary on Broadcast Controller Control Technology for IP Live Production</b>	PHOTRON LIMITED
13:30 ▶ 13:50	<b>Basics: Introduction of IP Live System</b>	Sony Marketing Inc.
14:00 ▶ 14:20	<b>Basics: Basics of IP Synchronization Technology PTP</b>	Leader Electronics Corporation
14:30 ▶ 14:50	<b>Basics: Commentary on the Audio IP standard</b>	hibino corporation
15:00 ▶ 15:20	<b>Introduction: ARIB's Efforts to Standardize IP Interfaces for Program Production</b>	Association of Radio Industries and Businesses (ARIB) / Japan Broadcasting Corporation (NHK)

November 17 (Thu.)

11:00 ▶ 11:20	<b>Basics: IP Network Concept from the Master's Perspective</b>	Toshiba Infrastructure Systems & Solutions Corporation
11:30 ▶ 11:50	<b>Basics: Commentary on Broadcast System IP Adoption from Synchronization Technology</b>	Telestream Japan GK
12:00 ▶ 12:20	<b>Commentary: Makeup of IP PAVILION Booths</b>	Panasonic Connect Co., Ltd.
12:30 ▶ 12:50	<b>Basics: Commentary on the NMOS Standard</b>	AMWA Board Member / Sony Marketing Inc.
13:00 ▶ 13:20	<b>Application: Remote Production Methods and Required Preparation</b>	NTT Electronics Corporation / IKEGAMI TSUSHINKI CO., LTD.
13:30 ▶ 13:50	<b>Application: Role of the Network Integrator</b>	Net One Systems Co., Ltd.
14:00 ▶ 14:20	<b>Basics: Introduction of IP Live System</b>	Sony Marketing Inc.

November 18 (Fri.)

11:00 ▶ 11:20	<b>Application: Broadcasting Systems from the Perspective of Master System IP Adoption</b>	NEC Corporation
11:30 ▶ 11:50	<b>Introduction: Providing Line Services to support Remote IP Production</b>	NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION / NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
12:00 ▶ 12:20	<b>Commentary: Makeup of IP PAVILION Booths</b>	Sony Marketing Inc.
12:30 ▶ 12:50	<b>Basics: Commentary on the Audio IP Standard</b>	hibino corporation
13:00 ▶ 13:20	<b>Introduction: ARIB's Efforts to Standardize IP Interfaces for Program Production</b>	Association of Radio Industries and Businesses (ARIB) / Japan Broadcasting Corporation (NHK)
13:30 ▶ 13:50	<b>Introduction: Introduction of "IP Production System from Management Perspective" from Cable TV Tokushima</b>	CATV TOKUSHIMA, Inc.
14:00 ▶ 14:20	<b>Introduction: Providing Line Services to support Remote IP Production</b>	NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION / NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
14:30 ▶ 14:50	<b>Application: Remote Production Methods and Required Preparation</b>	NTT Electronics Corporation / IKEGAMI TSUSHINKI CO., LTD.
15:00 ▶ 15:20	<b>Special Discussion: VoIP from the Broadcasting Perspective and VoIP from the Communications Perspective</b>	Japan Broadcasting Corporation (NHK) / National Institute of Information and Communications Technology (NICT)

**Demonstrations / Exhibition Area** ▶Venue: Exhibition Hall 8

**Participating Companies/Organizations**

ASACA CORPORATION  
ASTRODESIGN, Inc.  
IKEGAMI TSUSHINKI CO., LTD.  
Intelligent Wave Inc.  
HC Networks, Ltd.  
NEC Corporation  
NTT Electronics Corporation  
Cisco Systems G.K.  
Japan Material Co., Ltd.  
SEIKOH GIKEN Co., Ltd.  
Seiko Solutions Inc.  
Sony Marketing Inc.

TAMURA CORPORATION  
TECHNO HOUSE INC.  
DIGICAS LLC.  
Telestream Japan GK  
Tokyo Electron Device LTD  
Toshiba Infrastructure Systems & Solutions Corporation  
TOMOCA Electronics Co. Ltd.  
Net One Systems Co., Ltd.  
Panasonic Connect Co., Ltd.  
HARADA CORPORATION  
Panduit Corp. Japan Branch

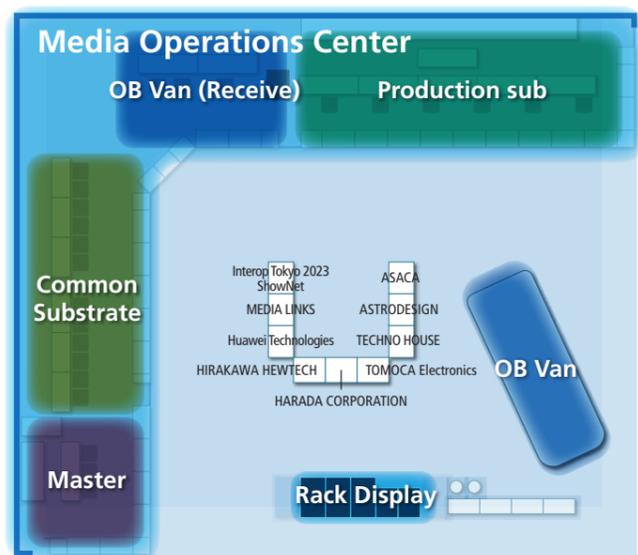
hibino corporation  
HIRAKAWA HEWTECH CORP.  
Huawei Technologies Co., Ltd.  
PHOTRON LIMITED  
FUYOH VIDEO INDUSTRY CO., LTD.  
FOR-A Company Limited  
Bosch Security Systems Ltd.  
MACNICA, Inc.  
MATSUDA TRADING CO., LTD  
MEDIA LINKS Co., LTD  
Leader Electronics Corporation  
Riedel Communications GmbH & Co. KG

**Adviser**

Internet Initiative Japan Inc. (IIJ)  
National Institute of Information and Communications Technology (NICT)  
Association of Radio Industries and Businesses (ARIB)  
Japan Broadcasting Corporation (NHK)  
New Media magazine

**Linking Event**

Interop Tokyo 2023 ShowNet



**INTER BEE IP PAVILION Booth Tour**

The Media Operation Center (MOC), where the main facilities of the broadcasting station are IP-connected, was deployed at the booths and its initiatives were introduced by way of a tour.



# 59th JBA Symposium of Broadcast Technology

**November 16 (Wed.)**

JBA-161 10:30 ▶ 15:10

Production Engineering

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JBA-162 10:30 ▶ 15:10

CG / Computer / Vision

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JBA-163 10:30 ▶ 16:00

Broadcasting / Streaming

**November 17 (Thu.)**

JBA-172 10:30 ▶ 11:20

Transmission Circuitry

---

JBA-173 10:30 ▶ 12:35

Sound Broadcasting and Audio

**November 18 (Fri.)**

JBA-181 10:30 ▶ 14:45

Production Engineering

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JBA-182 10:30 ▶ 12:35

Transmission

---

JBA-183 10:30 ▶ 15:10

Broadcasting / Streaming

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JBA-184 13:30 ▶ 15:35

Datacasting / Broadcast Communications Cooperation / Digital Services

**November 17 (Thu.)**

JBA-171 14:00 ▶ 16:30

**[Special Event]**  
File-based content production systems and workflows -"past" and "future"

**Coordinator**

**Kentaro Akimoto**  
Director  
Technology Strategic Planning, Engineering & Technology Media Strategy Planning & Development  
NIPPON TELEVISION NETWORK CORPORATION

**Aki Hanzawa**  
Expert  
Media Solutions Department Division of Media Technology TBS Television, Inc.

**Atsushi Horichi**  
Technical Operations Engineering & Technology Division (Department of News Editing)  
NIPPON TELEVISION NETWORK CORPORATION

**Shirahase Takeshi**  
Senior Manager  
Systems Development & Technical Maintenance Center  
TV Asahi corporation

**Speaker**

**Takeshi Suzuki**  
Team Leader  
Development and Strategy Technical Department  
Fuji Television Network, Inc.

**Masanori Ohsaki**  
Manager  
Engineering Division  
Engineering Promotion, Research & Development Department TXHD, Broadcast Technology & IT Management Division, Tech Lab TOKYO Corporation

**Osamu Kawashima**  
Operating Officer, Division Manager, Engineering, Administrative Unit TOKYO FM BROADCASTING CO., LTD.

**Kazuya Kikuta**  
Executive Supervisor of Tech Strategy Sales Dept. TV Production Div. IMAGICA Lab. Inc.

