ABU DIGITAL BROADCASTING SYMPOSIUM 2018

ENHANCING MULTIPLATFORM CONTENT

5 - 8 MARCH 2018
THE ROYALE CHULAN
KUALA LUMPUR

CONFERENCE | EXHIBITION | WORKSHOPS

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Join the DAB+ workshop on 5 March from 14:00 in Tun Sri Lanang 1 to learn about latest developments and continued growth of DAB+. Topics include impact of Norway's Digital Switch Over, where DAB+ fits in a multi platform world, and latest innovations in DAB+ smart devices.

Visit the WorldDAB booth to view a wide selection of DAB+ receivers and arrange a one-to-one appointment with a DAB+ expert on all aspects of DAB+ planning and roll-out.

DAB+ around the world:

- DAB+ is well established in Australia
- Several countries in Asia Pacific, Arab States and South Africa have started trials
- In Europe:
  - Norway switched off FM in 2017
  - Switzerland will follow in 2020-24
  - Continued progress in UK, Germany, France, Italy, Denmark and NL
- Over 400 DAB+ receiver models available – prices from USD 18
- All major car manufacturers now fit DAB+

434 million
people covered by DAB/DAB+

2,230
DAB/DAB+ services
on air worldwide

ON AIR

99%
DAB+ population coverage in some
markets reaching FM footprint

DAB+ in Asia Pacific

Australia: DAB+ expanding to regions

China: DAB in Beijing & Shanghai

Malaysia: DAB+ in trial, planning underway

Indonesia: DAB+ trials on air

Myanmar: DAB+ trial on air in Yangon

NZ: DAB+ trial on air Auckland

Thailand: Trials planned 2018

Vietnam: planning digital radio roadmap

In November 2017 ASEAN country regulators began the discussion on a regional approach to digitising radio.

From trial to switchover, WorldDAB offers support to broadcasters in the Asia Pacific region in the transition from analogue to digital radio. Visit us on booth 39 for assistance with:

- Workshops
- On-air demonstrations
- Technical expertise
- Regulation & licensing
- Network design and roll-out
- Content production
- Receivers

www.worlddab.org

Message from the ABU Secretary-General

I am delighted to welcome you, once again, to the ABU Digital Broadcasting Symposium and to this beautiful city of Kuala Lumpur. We highly appreciate your participation in this annual event which brings together broadcasters and media professionals from the region and across the world.

We would like to put on record our sincere appreciation to all our sponsors, supporters and partners who make this event possible every year. I am delighted to note that, with the continued support of our members and industry partners, we are yet again adding another chapter to this annual event which has gained a good footing in the industry calendar. The annual DBS is one such activity the ABU organises for the benefit of our members and industry partners in the region.

The momentum of change in the broadcast industry keeps accelerating. New technologies and services are emerging in quick succession. It is imperative that broadcasters take a step forward to study and evaluate these technologies and how they can maximise the opportunities they provide before new players make the move to enter the media market. It is crucial that broadcasters look forward to enhance services to their audiences to remain relevant and competitive in the current market.

The DBS theme this year "Enhancing Multiplatform Content", will focus on the importance of broadcasters embracing these new changes. It aims to address the technologies and techniques essential to develop appropriate and engaging content required to target the changing behaviour and demand of audiences. It is also an opportunity to monetise products on multiple delivery platforms. In particular, attractive content can be used to secure new types of advertising opportunities that suite the mobile and multiscreen viewers.

The symposium will feature conference sessions, panel discussions, focused workshops and, for the first time this year, masterclass sessions presented by esteemed professional experts from across the globe. This year the discussions will extensively address advanced technologies and applications such as Ultra-High Definition, Next-Generation Audio Video technologies, VR/AR content techniques, Smart AI applications in production, Cyber and Online Security, IP integration and advances in OTT and IBB platforms. The connected environment and multiplatform approach are very promising and many broadcasters are already reaping its benefits through increased reach, improved presence, offering more choice of content as well as increased revenue through premium service packages. The industry exhibition will provide a one-stop showcase for the newest technologies and solutions currently available in the market.

The 2018 Digital Broadcasting Symposium explores all these exciting prospects for the broadcasting and media industry to go forward with new services, creating new opportunities, engaging audiences and more in today's multiplatform environment.

We are happy to welcome participants from across the Asia-Pacific and around the world and I wish you very productive and successful discussions during the event.

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MEDIAGENIX

REACH THE VIEWER EVERYWHERE

In this content-centric era it's all about getting the right content at the right time on the right screens. With WHATS'ON, the VOD/linear BMS by MEDIAGENIX, you easily conquer all the complexity this entails.

You streamline the entire content life cycle into an integrated multiformat workflow. Your content is automatically scheduled across platforms, in the right formats and in accordance with your rights and business rules. And you get all the reports you need for compliance and informed decisions that make the difference.

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asia@mediagenix.sg - www.mediagenix.tv

Or meet us at ABU Digital Broadcasting Symposium - Stand 36

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Go to *sebenarnya.my* to verify the authenticity of the information.

The sebenarnya.my portal was created by the Malaysian Communications and Multimedia Commission as a one stop center for Malaysians to check before sharing unverified news received online via social media platforms, instant messaging services, blogs, websites, and more.

MCMC

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Tidak Pasti Jangan Kongsi

DOLBY AUDIO

Join us at our workshop to learn more about digital audio experiences

DOLBY DIGITAL PLUS

Issues and Solutions – Audio Transitions from Analogue to Digital TV Services

JERRY GUI, SENIOR STAFF SOLUTIONS ENGINEER

TUESDAY, MARCH 6
4:15 PM – 5:30 PM

Enhancing Audio Experiences across Devices by Dolby

NANDAKUMAR SESHADRI, STAFF FIELD APPLICATIONS ENGINEER,
LICENSING SALES – INDIA

WEDNESDAY, MARCH 7
9:00 AM – 10:30 AM

Viz Story

Publish your story anywhere first

The award-winning Viz Story allows media companies to quickly create compelling video stories with full real-time, state-of-the-art 3D graphics and immediately distribute to online and to social media.
Learn more at vizstory.com

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MEDIA PARTNERS

WORLD
Digital Audio Broadcasting

ABU Digital Broadcasting Symposium 2018
DAB+ in a multi-platform world
Monday 5 March, 14:00 – 17:30 Room: Tun Sri Lanang 1

WorldDAB is committed to assisting broadcasters and regulators in the Asia-Pacific region by sharing best practices and providing assistance in planning and launching DAB+ digital radio.

Join us for a DAB+ workshop on 5 March to learn more about how to plan for the launch of DAB+ in your market.

Topics include:
● International DAB+ developments
● ASEAN update
● Update from WorldDAB Technical Committee
● Impact on radio listening of Norway's DSO
● DAB+ in smart devices
● Developments in the Connected Car
● Hybrid radio update
● The business case for DAB+

Working session
The workshop will feature three breakout groups in which participants will be invited to focus on three aspects of digital radio:
● Regulation and policy – how WorldDAB can help
● Planning for DAB+ rollout – technical discussion
● Implementing hybrid radio – DAB+ with IP

Visit the DAB+ pavilion to find out more about DAB+ professional equipment and solutions

Speakers
● **Joan Warner,** Vice President and Asia Pacific Committee Chair, WorldDAB and CEO, Commercial Radio Australia
● **Dave Cameron,** General Manager – Melbourne, Southern Cross Austereo
● **Lindsay Cornell,** Technical Committee Chair, WorldDAB and Principal Systems Architect, BBC
● **Nick Piggott,** Project Director, RadioDNS
● **Jørn Jensen,** Senior Advisor, NRK
● **Dr Les Sabel,** WorldDAB Technical Committee and Consulting Engineer, Commercial Radio Australia
● **Bernie O'Neill,** Project Director, WorldDAB

Visit WorldDAB at booth 39 to find out how WorldDAB can help you launch digital radio

Monday 5 March   WORKSHOP DAY

09:00-12:30 **DVB WORKSHOP**	**DVB-S2: Advanced Features and Applications** **The workshop will present on:** • Opportunities to increase visibility and audience reach in a multiscreen environment (TBC) • Satellite transmission with DVB-S2/S2X (TBC) • Satellite efficiency and DVB-S2X in Broadcast applications • Performance gain with Predistortion (TBC) • Satellite Signals analyzing techniques with portable/mobile analyzers • Latest TV features (HbbTV, UHD and other advanced features) (TBC) **Demo sessions include:** • Channel Bundling with S2X • DVB-S2/S2X Transmission and Monitoring • Monitoring of satellite transmission in order to enhance the performance with pre-correction **Supported by:** Eutelsat, Work Microwave, Newtec, Enensys/TestTree, Rover Instruments, Sony, Broadcom

14:00-17:30
 	
WorldDAB WORKSHOP
	DAB+ in a Multi-platform World
	Join the DAB+ Workshop to learn more about how to plan for the launch of DAB+ in your market. The WorldDAB is committed to assisting broadcasters and regulators in the Asia-Pacific region by sharing best practices and providing assistance in planning and launching DAB+ digital radio.
	
	The workshop topics include:
	• International DAB+ developments
	• Hybrid radio – why ASEAN will drive innovation and scale
	• DAB+ Business case studies
	• Panel discussions
	   - Getting DAB+ and hybrid radio into smart devices
	   - Planning DAB+ before analogue TV switch off
	
	Working session
	The workshop will feature three breakout groups in which participants will be invited to focus on three aspects of digital radio:
	• Regulation and Policy Group – how can WorldDAB assist?
	• Planning for roll out & hybrid infrastructure -Technical discussion
	• Implementing Hybrid – Workflows

* Session details are correct at the time of printing. Please refer to programme on site for latest updates

Tuesday 6 March — CONFERENCE DAY 1

OPENING SESSION 09:00-09:45	**Welcome Address** Dr Javad Mottaghi, *Secretary-General, Asia-Pacific Broadcasting Union* **Industry Keynote – Principal Sponsor: WorldDAB** **Leverage your Uniqueness in the Face of Digital Disruption** Ms Joan Warner, *Chief Executive Officer, Commercial Radio Australia*
SESSION 1 09:45-11:00	**BROADCASTING BUSINESS NEEDS TO EVOLVE: HOW & WHERE?** **Moderator:** Markus Fritz, *Executive Vice President, Commercial Development & Strategic Partnerships, Eutelsat* **Broadcast Business Evolution** Dave Cameron, *General Manager, Melbourne, Southern Cross Austereo* **Efficiency and Value Optimization in Distribution and Monitoring of Digital Content** Cheong Yew-jin, Director, Broadcast & Media APAC, Rohde & Schwarz **Remote Production, Achieving Success with Significant Cost Reduction** Dennis Breckenridge, *CEO, Elevate Broadcast* **The impact of DSO on Norway** Jørn Jensen, *Principal Advisor, NRK Norway* **State of the Art TV Experiences** Jason Power, *Senior Director, Commercial Partnerships and Standards, Dolby*
11:00-11:30	*Networking Break*

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Tuesday 6 March CONFERENCE DAY 1

SESSION 2
11:30-13:00

Session Sponsored by DRM

TECHNOLOGIES & STANDARDS: WHAT'S NEW? WHAT'S NEXT?

Moderator: Masakazu Iwaki, *Head of Human Interface Research Division, Science and Technology Research Laboratories, NHK, Japan Broadcasting Corporation*

Broadcast Technology in a Hybrid World
Peter Siebert, *Executive Director, DVB Project*

DAB Standard Advances (OMRI, MOT, ETI files, etc)
Lindsay Cornell, *Principal Systems Architect, BBC*

ISDB-T: Updates and New Developments
Kenichi Murayama, *Senior Research Engineer, NHK, Japan Broadcasting Corporation*

A new member of OFDM family - ATSC 3.0 planning aspects
Mats Ek, *Technical Director, Progira*

DRM Technology Update – What's Next
Ruxandra Obreja, *Chairman, DRM*

The importance of terrestrial network planning for present and future broadcast technologies like LTE-Broadcast
Andreas Streit, *Senior Consultant Broadcast, LS telcom AG*

13:00-14:00   *Lunch*

* Session details are correct at the time of printing. Please refer to programme on site for latest updates

Tuesday 6 March — CONFERENCE DAY 1 & WORKSHOPS

SESSION 3
14:00-15:30

THE CHANGING BROADCAST ENVIRONMENT: INTEGRATING AND MIGRATING TO IP
Moderator: *TBC*

DAB Hybrid Radio Advances
Nick Piggott, Project Director, RadioDNS

Packets of Pictures – IP networks at the core of broadcast and production
Andrew Jones, *Head of Training, IABM*

Advantage of IP Live Production
Tsuyoshi NAKAO, *Product Planner, Sony Imaging Products & Solutions Inc.*

The Perfect IP solution
Paul Jones, *VP Sales Asia-Pacific, Megahertz*

Tun Sri Lanang 1
WORKSHOP 1

Rohde & Schwarz
From SDI to IP Architectures
Chatchai Nimboonjat, *Support Engineer, Regional Headquarters Singapore Pte Ltd*

Convergent monitoring solution for multiplatform delivery - SDI, TS, IPTV and OTT
Eric Li Bin, *Regional Manager Regional Headquarters Singapore Pte Ltd*

ROHDE & SCHWARZ

15:30-16:15 | *Networking Break*

SESSION 4
16:15-17:30

Session Sponsored by Vizrt

Session Sponsored by Vizrt
THE EVERYTHING ON DEMAND ERA IS HERE: MEDIA MANAGEMENT AND WORKFLOW ENHANCEMENTS
Moderator: Alex Reza Shariman Othman, *Director of Public Relations, Radio Televisyen Malaysia (RTM)*

Why Broadcasters Need to Think Content-Centric
Johan Vanmarcke, *Managing Director, MEDIAGENIX*

Media Asset Management (MAM)
Straker Coniglio, *VP Media Asset Management and Digital Publishing, Asia Pacific, VIZRT*

Advancement of Radio Production & Broadcasting System
Chulbum Kim, *Business Manager, EBS-Korea*

Tun Sri Lanang 1
WORKSHOP 2

Dolby
Issues and Solutions - Audio Transitions from Analogue to Digital TV Services
Jerry Gui, *Sr Staff Solutions Engineer, Dolby*

DOLBY

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Wednesday 7 March | CONFERENCE DAY 2 & WORKSHOPS

SESSION 5
09:00-10:30

Session Sponsored by APSTAR

APSTAR
by APT Satellite

Session Sponsored by APSTAR
CHALLENGES IN MEDIA DELIVERY
Moderator: Dr Haida Baba Zain, *Manager of TraxxFM Radio Televisyen Malaysia (RTM)*

Seamless and Efficient Pan regional Multiformat and Multiscreen delivery
Markus Fritz, *Executive Vice President, Commercial Development & Strategic Partnerships, Eutelsat*

Cost-effective Ad Insertion and Satellite Distribution for DTT Networks
Colin Prior, *APAC Sales Manager, ENENSYS Networks*

A Comprehensive Content Delivery Solution
Power Pan, *Director of Marketing, APT Satellite Company Ltd.*

Future of the TV and leveraging on multi-platform distribution for provision of the audiovisual content
Milos Pavlovic, *Sales Manager Broadcast, LS telcom AG*

WORKSHOP 3

DOLBY
Enhancing Audio Experience Across Devices by Dolby
Nandakumar Seshadri, *Staff Field Applications Engineer, Licensing Sales – India, Dolby*

DOLBY

| 10:30-11:15 | *Networking Break* |

SESSION 6
11:15-13:00

NEXT-GENERATION AUDIO & VIDEO – ENHANCING THE AUDIENCE EXPERIENCE
Moderator: *TBC*

Enable Traditional Media with Latest Nuclear Weapon - 4K Based US Hollywood Contents/Production/OTT(IPTV) for Customized OEM/ODM Application
Gordon Gu, *CEO, Adinno Inc*

Next Generation Audio Production
Jerry Gui, *Sr Staff Solutions Engineer, Dolby*

The Next Generation DAB+ listener experience
Les Sabel, *WorldDAB Technical Committee*

**Digital Radio Mondiale (DRM) –
The 21st century broadcast solution for all coverage needs**
Alexander Zink, *Senior Business Development Manager, Fraunhofer*

HDR/SDR Simultaneous Broadcasting
Riichi Taniguchi, *Engineer, Ikegami*

WORKSHOP 4

DALET
Enabling Next Generation Workflows
Sebastien Letemple
Head of Pre-Sales Design for Asia Pacific Dalet

DALET

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Wednesday 7 March   CONFERENCE DAY 2 & WORKSHOPS

13:00-14:00	Lunch

SESSION 7
14:00-15:30

FUTURE TECHNOLOGIES FOR PRODUCTION AND DELIVERY
Moderator: *TBC*

Delivering advanced and hybrid DAB+ features
James Waterson, *Factum-Radioscape*
Lars Peder Lundgren, *Paneda*

SMART production, Technologies for TV Program Production using Artificial Intelligence
Aiko Hagiwara, *Researcher, NHK, Japan Broadcasting Corporation*

ATSC 3.0 Based Regular Terrestrial Broadcasting Launch in Korea: 4K-UHD and UHD Mobile
Sungho JEON, *Senior Engineer, KBS*

Topic TBC
Aale Raza, *Chief Executive Officer, Whiteways Systems Pte. Ltd.*

WORKSHOP 5
DRM
Best Ways for Introducing and Implementing Digital Radio Mondiale DRM - Practical Lessons and Best Practice

Presenters:
Key experts of the DRM Consortium
Ruxandra Obreja, *Chair*,
Alexander Zink, *Vice-Chair*,
Lindsay Cornell, *Technical Committee Chair*,
Radu Obreja, *DRM Marketing Director*,
Charles W. Kelly, *Jr., Regional Sales Manager Asia / Pacific, Nautel Limited, Canada*

15:30-16:15	Networking Break

SESSION 8
16:15-17:30

CYBER AND CONTENT SECURITY – TAKING ACTION AND BEST PRACTICES
Moderator: *TBC*

Australia case study on government and industry working together – risk assessment and best practice
Kath Brown, Head of Strategic Development, Commercial Radio Australia

WBU Recommendations on Cyber Security
Masakazu Iwaki, *Head of Human Interface Research Division, Science and Technology Research* Laboratories, *NHK, Japan Broadcasting Corporation*

(Topic TBC)
MCMC

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Thursday 8 March — CONFERENCE DAY 3

SESSION 9 09:00-10:30	**MEDIA AND THE NEW REALITY: VR, AR, MR, 360VIDEO, AI AND OTHER TRENDS** **Moderator:** *TBC* **The Future of XR: Insights on global trends and latest developments of VR, AR and MR** Salar Shahna, *Creative Director and CEO, World VR Forum* **360VR Case Study** Fintan Mc Kiernan, *CEO, Ideal Systems SEA* **Case study on the application of special visual effects (AR, VR, etc) of KBS** Inbeom SHIM, *Senior Engineer, KBS*
10:30-11:15	*Networking Break*
SESSION 10 11:30-13:00	**INDUSTRY DEBATE – ENCHANCING MULTIPLATFORM CONTENT** **Is Content Key for Multiplatform Success?** **Industry Debate Panel (TBC)**
13:00-14:00	*Lunch*
SESSION 11 14:00-15:30	**MULTIPLATFORM BROADCASTERS – OTT & IBB TECHNOLOGIES AND IMPLEMENTATION** **Moderator:** *TBC* **Online Media Distribution for an International Broadcaster** Oliver Linow, *Operational Engineer, Deutsche Welle* **MNB World Channel Transition to Multiplatform** Tegshgerel Oyuntogtokh, *Director, MNB World Channel* ***(Topic TBC)*** Charles Sevior, *CTO Data Lake Scale Out Solutions, Dell EMC (APJ Region)* ***(Topic TBC)*** Andi Permadi, *Head of New Media, Radio Republik Indonesia*
15:30-16:00	*Networking Break*

* Session details are correct at the time of printing. Please refer to programme on site for latest updates

Thursday 8 March   CONFERENCE DAY 3

SESSION 12
16:00-17:15

DIGITAL BROADCAST ROLL-OUT: CASE STUDIES, UPDATES AND EXPERIENCES
Moderator: *TBC*

The evolution of TV radio broadcasting in Turkey
Murat Duran, *Vice Chairman, RATEM*

Australian experiences on Regulators and Industry working together
Les Sabel, *Consulting Engineer, Commercial Radio Australia*

RadioCut - Where radio goes viral, on-demand and social
Guillermo Narvaja, *CEO, RadioCut*

General Regulatory aspects relating to DTT and frequency coordination process
Andrea Manara, *Broadcasting Division, ITU*

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JOIN THE DBS MASTERCLASS SERIES
6 – 8 MARCH 2018 • THE ROYALE CHULAN, KUALA LUMPUR

LIGHTING & MAKEUP TECHNIQUES FOR HD AND BEYOND

Lighting and Makeup plays an extremely important part in bringing the creative process to the viewer. It helps to shape the image, to suit a desired mood or to fit the production that the scene is part of. The techniques and detailing required for these when moving from SD to HD and then to 4K are very different due to the improvements HD and 4K cameras bring.

- Learn from experts the different types of lighting and how it affects makeup in SD, HD and 4K production.
- Experience hands-on and practical techniques in a real studio setup.
- Learn expert tips for both lighting and makeup from experienced professionals.

IMMERSIVE VR MASTERCLASS

Presented by the World VR Forum, this VR Masterclass which showcases state-of-the-art storytelling and content creation in the Virtual Reality domain. The core mission of this Masterclass is to showcase VR as a true form of art to bring an unparalleled experience of storytelling and content creation. Don't miss this opportunity to:

- Learn methods for combining story structure, interaction, and user experience design in the creation of VR and AR project.
- Explore how some organisations are taking the lead with this new form of VR and AR content creation and how successful they are.
- Discover how VR technologies present a space beyond physical limits to create something that would not be possible in the real world to deliver content that are social, fun, smart, artistic, new, mainstream, alive and world-class.

INTRODUCTION TO IP STANDARDS AND PLATFORM

The industry is fast moving towards IP implementation and getting the necessary standards in place to support real-time IP production infrastructure project a reality. Presented by IABM, this masterclass sessions will provides an overview of the IP terms like SMPTE ST 2110, IEEE 1588 and NMOS IS-04 to get you up to speed and how they all work together in the IP and IP/SDI hybrid environment and more.

MOBILE JOURNALISM

Smartphones are revolutionising the way journalists produce their stories and broadcast their content to audiences as broadcasters are realising the power of smartphones not just as an efficient distributing channel but also as an excellent content creation tool. Join the sessions where seasoned experts share professional tips on mobile journalism including digital storytelling skills, tools, techniques and gears to produce compelling stories with smartphones and other mobile devices.

Please refer to the session timings provided separately.

7-10 JUNE 2018

WORLD VR FORUM

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WORLD VR forum

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THE LEADING GLOBAL AR/VR/MR EVENT

Javad Mottaghi, Secretary-General of the ABU

Dr Javad Mottaghi is the Secretary-General of the ABU. Before taking up the position in 2010, he was Director of the Asia-Pacific Institute for Broadcasting Development (AIBD) for 12 years. He has 37 years of national and international broadcasting experience in sports, news and programming. Dr Mottaghi holds a PhD Degree from the University of Teesside in England, a Master Degree in Management and a Bachelor's degree in Mechanical Engineering from Tehran Sharif University of Technology. Dr Mottaghi won the Elizabeth R Award for Exceptional Contribution to Public Service Broadcasting.

Joan Warner, Chief Executive Officer, Commercial Radio Australia

As CEO of Commercial Radio Australia (CRA) Joan was responsible for the planning, roll-out and implementation of DAB+ digital radio in the five metropolitan capitals covering over 60% of the Australian population, and continues the DAB+ implementation for commercial radio broadcasters across regional Australia. She oversees the whole of industry marketing campaign, Radio Codes of Practice, audience survey contracts and industry copyright agreements. She is responsible for the annual National Commercial Radio Conference, Siren Creative Awards and Australian Commercial Radio Awards.

Bernie O'Neill, Project Director, WorldDAB

Bernie O'Neill leads the WorldDAB Project team to deliver a wide range of industry events, briefings and market intelligence that provide insight, analysis and best practice on all aspects of the rollout of DAB digital radio. Working with WorldDAB's 94 members across 25 countries, every year her team delivers over 20 tailored workshops, seminars and advice across all aspects of the switch from analogue to broadcast digital radio. This includes regulation, licensing, technology trials, network buildout, marketing and production of digital radio content. Bernie has a degree in business, a background in international industry forum management and has worked in the digital radio sector for WorldDAB since 2011.

Kathryn Brown, Strategic Development, Commercial Radio Australia

Digital Radio Project Manager, Kath Brown works with Commercial Radio Australia's digital technical advisory committee to further develop the DAB+ platform. She works with regional broadcasters and the regional digital working group to implement trials and develop the costing and technical framework for regional roll out in Australia. Kath works closely with retailers, manufacturers, the automotive industry and mobile phone manufacturers.

Chulbum Kim, Business Manager, EBS-Korea

Chulbum Kim joined EBS in 2002. He worked as an acoustic engineer for seven years, followed by six years in police planning and two years in overseas business. He is now involved in "E.MOTI.ON", a radio broadcasting solution developed by KBS.

Jørn Jensen, Chief Advisor for the Director of Distribution, NRK
Jørn Jensen has more than 20 years of experience in radio broadcasting. He has been working at Norway's public broadcaster NRK from 1986, after a 10 year career as a musician. After starting by making radio programmes at NRK's Radio Music department he became increasingly involved in programme production and development, and the creation of new digital stations. As Chief Advisor for the Director of Distribution, Jørn deals with the strategy for NRK's digital future on all NRK platforms.

Les Sabel, Founder, S-Comm Technologies
Les has over 30 years of experience in communications systems, including broadcast digital radio (DAB/DAB+/DMB and DRM), mobile communications, wireless broadband and satellite communications. Les founded S-Comm Technologies Pty. Ltd. in 2008 to work with the radio industry on DAB+ digital radio. S-Comm has provided services to many Australian and international companies and currently provides on-going independent engineering consultancy to Commercial Radio Australia, WorldDMB, the ITU, the ABC and SBS, and various commercial radio networks and regulators in Australia and South East Asia.

Lindsay Cornell, Principal Systems Architect, BBC Digital and WorldDAB Technical Committee Chairman
Lindsay has worked for the BBC for more than 20 years, in a variety of engineering, editorial and leadership roles spanning radio, TV, and spectrum regulation. He has considerable experience of leading collaborative projects through his roles as Chairman of CEPT FM PT51, dealing with spectrum issues for programme making, and as Chairman of the WorldDAB and DRM Technical Committees, managing the stability and development of the respective standards.

Nick Piggott, Project Director, RadioDNS
Nick has spent the majority of his career working in the radio industry, initially in programming and then moving to digital radio and online innovation. Nick is one of the founders of RadioDNS Hybrid Radio, the open technology project that lets broadcast radio and IP work together, combining the power of broadcasting to reach many people and the power of the internet to deliver enhanced or personalised content.

Masakazu Iwaki, Head of Human Interface Research Division, Science and Technology Research Laboratories, NHK, Japan Broadcasting Corporation
Masakazu Iwaki was appointed to his present position in June 2015. He oversees research and development of human interface technologies to improve media accessibility. Prior to his appointment, Mr Iwaki was senior manager of the public relations and planning division in the STRL for three years. He has been the Chairman of the ABU Technical Committee since 2014.

Power Pan, Director of Marketing, APT Satellite Company Ltd
Power PAN graduated in aerospace major from Northwestern Polytech University in 1995, and later got MBA degree from Hong Kong University of Science and Technology in 2014. Total 23 years dedication in satellite industry, worked as orbital analyst, telecommunication engineer, sales, currently position is Director of Marketing in APT Satellite Company Limited.

Salar Shahna, Creative Director and CEO, World VR Forum
Salar Shahna, a native of Geneva, Switzerland is the Creative Director and CEO of the World VR Forum. His vision shaped the artistic orientation of WVRF's annual summit which was acclaimed unanimously by its participants. In 2016, he extended the prime mission of the forum by initiating WorldVRlab which finds, develops, and supports extraordinary creative talent who are devoted to crafting the immersive language of Virtual Reality. With a strong footprint in China, Salar is also pursuing development of cultural trade between the West and China.

Delphine Seitiee, Executive Director and COO, World VR Forum
Delphine Seitiee is the co-founder of the World VR Forum. She is based in Geneva, Switzerland. After working as Digital Marketing Project Manager in leading agencies of the Swiss Riviera, Delphine saw in VR the future of communication. Her previous background in hotel management combined with her vision and experience led her to hold the position of Executive Director in the group. Delphine Seitiee holds a dual Master's degree in Hypermedia/Communication from Annecy, France and Denton, Texas.

Ellen Kuo, Head of Marketing and Partnerships, World VR Forum
Passionate by Virtual Reality (both AR and MR) and inspired by the co-founders of the World VR Forum, Ellen has been a part of WVRF since November 2016. Together with a cross-functional team, Ellen plans, develops, and implements all aspects of the market development component of the World VR Forum Annual Summit. Previously, Ellen worked for several Geneva and Switzerland-based International Organizations. Ellen speaks fluently Mandarin Chinese, English and French. She holds a Master of Laws (LLM) in Intellectual Property Law from University of Strasbourg, France.

Jason Power, Senior Director, Commercial Partnerships and Standards Dolby
Jason Power is Senior Director for Commercial Partnerships and Standards for Dolby, based in London. He specialises in the introduction of new media technology to improve the entertainment experience. In his role at Dolby, he is leading efforts to deploy stunning high dynamic range (HDR) and next generation audio (NGA) services, working in partnership with broadcasters, service operators, consumer electronics manufacturers and standards organisations.

Dennis Breckenridge, Managing Director, Elevate Broadcast
With more than 25 years in the industry, Dennis Breckenridge is known for creating customized solutions for customers. Broadcast facility upgrades, OB trucks to ground up facilities, there is no project too complex. Dennis has integrated projects for universities, governments and corporate institutions. Dennis was also producer for the Myanmar SEA Games opening and closing ceremonies.

Johan Vanmarcke, Managing Director, MEDIAGENIX Asia

Johan is the Managing Director of MEDIAGENIX Asia. Johan has a strong consulting background through his 17 years at Capgemini with Telco, Media & Entertainment being one of the key sectors. Hence, Johan is focused on bringing value to M&E companies, which includes being a sparring partner in areas such as new business models, operational (process) improvement and content life cycle management for linear and non-linear. His passion is aligned with MEDIAGENIX as its WHATS'ON solution enables linear and/or non-linear content providers to optimally run and develop their media business. Johan holds Master's Degrees in Engineering and Business Administration.

Gordon Gu, CEO & founder ADINNO Inc

Top expert for internet/wireless/media etc., owner for multiple patents on ICT field, three awards winner year 2017 by Gov. Angel investor. Successful investments to several media startups, such as USA Hollywood 4KUniverse Inc., which is The First 24/7 4K Ultra HD General Entertainment TV Channel in America, including Amazon Fire TV and European Swisscom. Innovator to tradictional media field with full IP based mobile internet streaming infrustructure for OEM/ODM OTT solution, combined with all terminals such as TV, Mobile phone, PC, Smart projector etc. Active supportor to Globlization, benefit to international partners, with China "one belt one road" policy.
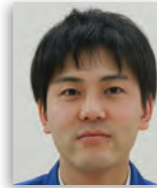
Riichi Taniguchi, Engineer, Ikegami

He got his master's degree in physics, majored in optical semiconductors especially and studied micro-ring lasers with quantum-dot wafers. He joined Ikegami Tsushinki in 2013 since then he has been in charge of board design and FPGA design for system camera development.

Eric Lossouarn, Sales Representative for Asia-Pacific, WORK Microwave

Eric has more than 11 years of experience in the broadcast, satellite, and digital TV industries, with a successful history of growing international sales, penetrating new markets, and developing distribution networks within the APAC region. Eric was formerly the vice president of sales in Singapore for Teamcast, where he was responsible for managing all sales operations in the APAC area, developing channel sales network and direct sales to satellite and terrestrial TV players. He has two masters degrees in information systems engineering and international business.

Leon Mun, W.Y., Head of OTT Department, Sony R&D Centre, Malaysia

Leon Mun is the Head of OTT Department at Sony R&D Centre Malaysia. He currently leads the APAC software roadmap, device certifications and new app launches for Sony Bravia TVs. This gives him a unique TV manufacturer's perspective on customer device capabilities and from-the-field customer feedback which shapes his views. His qualifications include a PhD. in broadcast IC design and a BEng(Hons) in Electronics & Computing from Nottingham, UK.

Gino Salocchi, Marketing & Sales Director, Rover Laboratories
Born in Florence, Gino Salocchi spent his youth in Italy, the United States and Peru. He began his technical career in 1983 at GTE Telecommunications in Milan and moved to the GTE Research and Development laboratories in Phoenix, Arizona, as a software designer. In 1990, Gino moved to Rover Laboratories in Sirmione, Italy, as a Software Manager. Shortly thereafter he became the Marketing and Sales Director which is the position he continues to hold.

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Edoardo Romano, Found & President, Ro.Ve.R. Laboratories
Edoardo Romano is the founder and currently the President of Ro.Ve.R. Laboratories, an Italian company which has operated for more than 45 years. He has been pioneering advanced technologies since the early days of Ro.Ve.R., designing and developing products suitable for the domestic reception of TV and satellite signals as well as the design of related measurement devices. The first DTH system in Europe configured with a motorized 1.8m dish and a Rover analogue LNB and STB was totally design under his guidance and installed in the European Space Agency.

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Eric Li Bin, Regional Manager, Regional Headquarters Singapore Pte Ltd, Rohde & Schwarz
Eric Li Bin is responsible for the business development of Rohde & Schwarz in the ASEAN market, including Transmitter, Headend, Test and Measurement, and Studio solutions. He has over 12 years' experience in the broadcast industry, and expertise in a wide range of areas. He is actively involved in the DVB-T2 roll out in the ASEAN region.

Andreas Streit, Senior Consultant & Radio Network Planner, LS telcom
Andreas Streit (Dipl.-Ing.) is working as a senior consultant and radio network planner in the broadcast services department at LS telcom since more than 17 years. He is an expert for broadcast planning tasks and spectrum consultant. As highly motivated, well-educated specialist in the area of broadcast communication Andreas carried out a number of national and international studies and planning projects worldwide for customers within the broadcast sector. Furthermore, he developed together with other experts the training sessions for analog and digital broadcast. Training participants can benefit during the training sessions from his great expert knowledge.

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Andrew Jones, Head of Training IABM
Andrew is a professional engineer with extensive knowledge of video, audio, IT and communications technology, IP and network architecture. He's a qualified teacher and leads the IABM's International training and education provision for suppliers, service providers and broadcasters. His previous role saw him supporting major change programmes and developing advanced technical facilities, qualifications and courses at the BBC's Engineering Training centre. He is a Chartered engineer, IET and SMPTE member with a passion for life-long learning and helping individuals and teams develop the skills needed to get the best out of new technology. Technology makes it possible, people make it happen!

....

Paul Jones, VP Sales Asia Pacific, Megahertz

Paul has been in the Broadcasting industry for over 25 years. With 22 years based in APAC, he has extensive knowledge of the evolution of broadcasting technology across the region, and first-hand experience of the local challenges. As VP Sales for Megahertz, he can bring much of his experience to regional clients looking to embrace state of the art solutions. Previously part of Oracle's Asian operations, he was responsible for the very first Oracle cloud archive deal in the region and held the chair of the IABM regional council for APAC.

Milos Pavlovic, MSc, Dipl.-Ing, Sales Director Broadcast LS telcom AG, Germany

Milos Pavlovic has been in the Sales & Marketing department of LS telcom AG since 2012, with more than 12 years of experience working in the broadcast industry. After joining LS telcom, he took over responsibility for its broadcast market globally. In the last 5 years, Milos has been a member of the LS telcom project team in a number of consulting and engineering projects of digital migration of terrestrial broadcast networks worldwide.

Jerry Gui, Sr Staff Solutions Engineer, Dolby

With more than a decade of experience in the broadcast industry, Jerry Gui works closely with free-to-air broadcasters, Pay TV and OTT Operators in South East Asia. As the Senior Staff Solutions Engineer at Dolby Laboratories, he is responsible for enabling Dolby technologies with proper deployment and implementation. Jerry has led the company's efforts to successfully launch Dolby Digital Plus 5.1 surround sound with more than 10 broadcasters and operators across South East Asia.

Nandakumar Seshadri, Staff Field Applications Engineer, Licensing Sales – India, Dolby

Nanda Seshadri has over 13 years of experience in the Embedded Software domain ranging from device drives to mobile UI. As Staff Application Engineer, Nanda's primary role is to work closely with OEM and OTT partners in the emerging markets region to enable Dolby content playback in devices. Prior to joining the Emerging Markets team in Dolby, Nanda was working in Dolby Australia, leading the engineering team on integrating Dolby Audio and Dolby Vision products in the Android Operating system.

Abdul Hakim Amir bin Nazri, Assistant Vice President, Content Development & Production Unit, Astro, MEASAT Broadcast Satellite Network Systems

Abdul Hakim Amir bin Nazri is in charge of ideation, concept and content development for various in-house channels of Astro. He has developed highly-rated content such as Islamic realities 'Imam Muda', 'Pencetus Ummah' and 'Tahfiz Muda', and entertainment show 'Kilauan Muda', among others. His current focus is to continue unearthing new, innovative content that engages as well as developing new IPs for the company.

Mats Ek, Technical Director, PROGIRA
Mats holds a M.Sc.EE (Electronic Engineering) in 1986 from the Royal Institute of Technology (KTH) in Stockholm, Sweden. He has been active in the broadcast industry since 1990, starting with the standardization of T-DAB. From 1991 he has primarily worked in the area of Network and Frequency planning and design of planning software. He has worked with most of digital broadcast standards such as T-DAB, DVB-T/T2, ISDB-T and now also ATSC 3.0. Mats is one of the founders of PROGIRA®. Mats has actively taken part in number of international working groups within EBU, CEPT and ITU-R.

Taku Atoda, Lighting Director, NHK, Japan Broadcasting Corporation
As a Lighting Director at Japan's public broadcaster, Taku Atoda was in charge of the NHK morning drama serials "Hanako and Anne" in 2014 and "Mare" in 2015. Mr Atoda's next major assignment as a Lighting Director will be 2019's "Idaten", the first annual historical drama series to be filmed in 4K at NHK, which will start filming in April this year. He joined NHK in 2002. Before taking up his present position, he worked at NHK's Yamagata station.

Aiko Hagiwara, Researcher, Human Interface Research Division, Science & Technology Research Laboratories, NHK, Japan Broadcasting Corporation
Aiko Hagiwara joined NHK (Japan Broadcasting Corporation) in 2013. From 2013 to 2015, she worked at Niigata broadcasting station. In 2015, was transferred to NHK's Science & Technology Research Laboratories (STRL) Human Interface Research Division and working on the automatic speech recognizing research. She is a member of Acoustical Society of Japan (ASJ).

Andrea Manara, Radiocommunication Bureau, International Telecommunication Union
Involved since 1993 in international collaborations performing particle physics experiments worldwide, Mr Manara joined the ITU in 2002 and since then he has been working in the Radiocommunication Bureau, participating in several projects mostly related to planning activities for the introduction of digital broadcasting and implementation of Radio Regulatory provisions. In particular he has been involved in software and engineering tasks for the preparation and the conduct of the ITU Regional Radio Conference in 2006, and for the implementation and the maintenance of its outcome.

Inbeom SHIM, Senior Engineer / Special Visual Effects, Korean Broadcasting System
Inbeom SHIM joined Korean Broadcasting System (KBS) in 1994 and has been working as mastering director in special VFX team since 1999. He worked at VR television studio, TV editing room, TV production system management, etc. He is now working on VR, election events, VR production for Olympics and interests in Camera Remote Control System. He received his B.E. in Electronic Engineering from Dongguk University and recieved M.E. in telecommunication and broadcasting engineering from Yonsei university in 1992 and 2011 respectively. The theme of master's degree is "TV production with camera motion data".
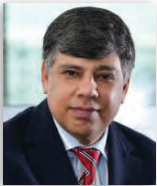
Sungho JEON, Research Engineer / Technical Research Institute (TRI), Korean Broadcasting System

Sungho JEON is a Research Engineer of Korean Broadcasting System (KBS) since 2007. His research interests include terrestrial 4K/8K-UHD RF transmission technique development and a single frequency broadcast network (SFN) optimization. In 2016, he received the Ph.D. degree in Electrical and Electronic Engineering from Yonsei University, Seoul, Korea. Since 2014, he is a member of Korea delegate to the ITU-R Working Party 6A. Also, he is the Chair of ATSC 3.0 physical layer technical group in Korea (TTA WG8027).

Aale Raza, Director, Whiteways Systems Pte Ltd

Aale joined Benchmark in 1999 and rose to become a Director and Vice President of Benchmark Broadcast Systems (S) Pte Ltd. In 2011, Aale founded Whiteways Systems Pte Ltd, Singapore. Whiteways is a leading supplier and systems integration company focused on providing solutions to broadcast houses, Television channels, professional video production/post production and Teleports.

Guillermo Narvaja, CEO, RadioCut

I'm a software engineer, co-founder of RadioCut, a company from Argentina currently funded by SOSV through their program MOX (https://mobileonlyx.com/). I'm in Taipei since Jan 1st, participating in MOX to launch and grow our product in Asia. Being a radio fan since my childhood, I designed a platform to not loose any moment of radio, recording the live streamings and allowing on-demand access to them, and to be able to easily share those radio contents that I like in social networks.

Cheong Yew-jin, Director, Broadcast & Media, Asia Pacific, Rohde & Schwarz

Yew-jin joined Rohde & Schwarz to lead its Broadcast and Media division in APAC in August of 2017. Prior to that, Yew-jin spent 16 years with Avid Technology, covering a broad spectrum of roles including business development, pre-sales, sales, professional services, solutions development and product marketing. He also held various leadership positions within Avid, including the role of country manager for Southeast Asia in 2013 and director of pre-sales for Asia Pacific. Yew-jin graduated from the University of Miami with a Bachelor of Science degree with honors in communications, majoring in motion picture and video studies.

Colin Prior, Asia Pacific Sales Manager, Enensys Technologies

Colin joined Enensys in 2012 and is responsible for sales and business development of Enensys products throughout the Asia-Pacific region. He is based in Thailand and is assisting many broadcasters and operators with their deployment of DVB-T2 / SFN transmission networks. Before Enensys, Colin held numerous positions in Thorn Lighting, Aregon International, Bishopsgate Systems, VG Broadcast, Eyretel Limited, SysMedia and Strategy & Technology Limited (S&T).

Ruxandra Obreja, Chairman/President, Digital Radio Mondiale

Ruxandra Obreja has been the Digital Radio Mondiale Consortium Chairman since 2008. She is representing and enjoying the support of Babcock International and BBC as Chair of the Consortium Steering Board, a position held since 2008. DRM is a not for profit international organisation. Its aim is to ensure that the stakeholders work towards the same goal: the global and mass scale take up of the DRM standard. Ruxandra has spoken at international broadcasting conferences, workshops and written articles promoting digital radio and DRM (is currently a blog contributor to Radio World).

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Oliver Linow, Deutsche Welle Distribution Systems

Oliver Linow joined Deutsche Welle in 1998. In 2009 he introduced StreamMon, an in-house development designed for monitoring DW's live Internet streaming (web radio and web tv). From 2012 on Oliver Linow manages the worldwide DW signal monitoring network and heads the quality assessment department.

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Peter Siebert, Executive Director, DVB Project Office

Peter Siebert is the Executive Director of the DVB Project Office in Geneva, where he is responsible for all operational aspects of the DVB organization. Prior to this he has been with Philips Kommunikations AG (PKI AG) in Nürnberg/Germany, SES in Luxembourg and Siemens Schweiz AG in Zürich/Switzerland. His professional career spans all aspects of audio-video technology such as video transmission over telecommunication networks (PDH/SDH), satellite and IPTV networks. He has been responsible for a number of ETSI standards in the area of satellite transmission as well as for DVB specifications.

Charles Sevior, CTO Data Lake Scale Out Solutions, Dell EMC (APJ Region)

Charles Sevior has over 25 years in the Media sector and also provides focus on solutions for Analytics, Enterprise and other sectors across APAC. Prior to joining Dell EMC he was Technology Director for leading broadcaster and publisher Nine Entertainment Co. Australia. There he managed the transition to a digital file-based workflow and business and technology transformation. Charles is working with customers to help define their next generation foundation built on Data Lake Scale-Out Solutions and data analytics. He has a BE (Hons) from University of Melbourne and a Master of Business and Technology from UNSW.

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Straker Coniglio, VP Media Asset Management and Digital Publishing, Asia Pacific, Vizrt

Based in Thailand, Straker leads Vizrt's Media Asset Management and Digital Publishing businesses across Asia Pacific and Israel. He leads a team of Sales, Services, and Support professionals who have implemented successful MAM projects all across the region. Straker has been in the television industry for over 20 years with experience shooting, editing, directing, and producing. His work has aired on CNN, NBC, ESPN, and other international outlets. Straker took home 2 Emmy awards before leaving television to help vendors design relevant solutions for major broadcasters. Straker holds degrees in Television Production and Business Management along with an MBA from Northeastern University in the U.S.

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Sebastien Letemple, Head of Pre-Sales Design for Asia Pacific, Dalet
Sebastien Letemple is Head of Pre-Sales Design for Asia Pacific at Dalet, where he acts as a player-manager in solution architecture and customer engagement. An experienced media and IT professional with business acumen and a multicultural mindset, he has developed extensive knowledge and skills in project management, solution architecture, and pre-sales. Mastering media and IT workflows as well as broadcast technology, Sebastien facilitates the deployment of large scale media production, management, and delivery systems for leading media organizations.

Charles W Kelly, Jr., Regional Sales Manager Asia/Pacific, Nautel
Charles W. Kelly, Jr. has held positions as News Director, Program Director and Chief Engineer at stations in Illinois and Colorado. Prior to joining Nautel Limited in October 2006 as Director, International Sales, he was with Broadcast Electronics in the same capacity for 18 years, and Sales Manager of ITC/3M for 7 years. Today, Chuck heads Asia/Pacific sales at Nautel, and helps plan future Nautel product strategy. He has produced numerous technical webinars, taught hundreds of classes in Radio Engineering in many countries, and written many articles for Radio World, Radio Magazine and other technical publications.

Tsuyoshi Nakao, Product Planner, Sony Imaging Products & Solutions Inc.
Tsuyoshi Nakao is a product planner for IP Live products and solutions at Sony Professional Solutions & Services Group, who has a background as a services/support engineer, and contract manager at Ericsson, a Swedish telecom company.

Radu P Obreja, Marketing Director, Digital Radio Mondiale
Radu P. Obreja is the Marketing Director of the DRM. He has extensive experience in Business Development, Marketing and PR having worked in global organisations of several industries for more than 35 years. Radu Obreja is a member of the DRM Steering Board and is actively promoting the roll-out of the DRM standard in Asian, African, as well as in European countries.

Alexander Zink, Senior Business Development Manager, Fraunhofer
Since 2000, Dipl.-Ing. Alexander Zink, MBA, works at the Fraunhofer Institute for Integrated Circuits (Erlangen, Germany) as Senior Business Development Manager Digital Radio and vice group leader for the work group 'Broadcast Applications'. Initially he developed the mobile and location based information system UMIS (Universal Mobile Information System). From 2001 on he focused on the professional broadcast systems "Fraunhofer DRM, DAB ContentServer". Since 2002 he is project director for Journaline, an interactive text based information system for digital radio.

Dave Cameron, General Manager, Southern Cross Austereo
Dave Cameron has had a 24-year career with Australia's biggest radio company, Southern Cross Austereo. Most of this time has been spent in Content, programming Fox FM Melbourne and overseeing the success of the Hit Network nationally. Dave has worked with a large number of Australia's premium radio talent over the last 2 decades, including coaching, programming and leading several of Australia's most successful radio shows. Dave is now General Manager of SCA's Melbourne operation.

Markus Fritz, Executive Vice President of Commercial Development & Strategic Partnerships, Eutelsat
Markus is Executive Vice President of Commercial Development & Strategic Partnerships at Eutelsat. He is responsible for developing breakthrough customer and business relationships, and building and facilitating strategic mid and long-term Go-to-Market and Product Partnerships. With over 20 years international experience in various leading positions in the satellite, ICT and consumer electronics industries, Markus is a leading expert in the global digital broadcasting business and its dynamics.

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Chatchai Nimboonjat, Application Support, Region East / File Based and Media System, Rohde & Schwarz Regional HQ Singapore Office
Long experience in post production and broadcast studio, was working with many post productions and working with Rohde & Schwarz Headquarters Singapore since 2014. My main background knowledge is IT and gain more broadcast knowledge along from extensive working experience. Currently, I'm solution architect and responsible for Rohde & Schwarz file base media solution products in Asia countries.

....

Simon Tsang, Asia Pacific Sales Manager, Test-Tree c/o Enensys Technologies
Simon joined Test-Tree, which specialise in providing Digital Radio/TV Test and Monitoring Solution, in 2016. He is based in Hong Kong and is responsible for the sales and business development of Test-Tree's products in Asia-Pacific region. He has been working in digital TV industry for more than 16 years. In 2000, he worked for DVN Limited in Hong Kong as a Vice President of Sales. Afterwards, he joined a US company named Tut Systems as Regional Sales Director – Asia Pacific.

Fintan Mc Kiernan, CEO, Ideal Systems SEA
Fintan joined Ideal Systems Group in 2011 to establish Ideal Systems in South East Asia. Now with offices in Kuala Lumpur, Singapore and Jakarta, Ideal have built broadcast studios, facilities and systems for leading broadcast operators including Sony Pictures, Fox Sports, Astro, Globecast, Encompass Digital Media, CNN Indonesia and SingTel. Fintan is a member of the Asia Broadcast Union's Engineering Excellence Awards panel of judges and is a member of the Board of Advisors for Asia Image Magazine. Prior to joining Ideal, Fintan established OmniBus Systems in APAC (Now Belden GV) and has worked in broadcast technology roles in the US and Europe. Fintan is a regular contributor and speaker at broadcast industry events in Asia including SMPTE, ABU and Broadcast Asia.

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Murat Duran, Vice Chairman, RATEM, Turkey
I was born in Istanbul 1972. I completed to my education Technical High School in 1990 after Yıldız Technical University Kocaeli Electrical and Electronics Engineering Department in 1995. In 1992, I started to work as a radio TV sector working life and now I am continuing as a technical director of Doğan radio and TV group. On behalf of my radio TV group board member and vice president in " RATEM" (Turkish professional union of broadcasting organisations) also work in "riak" (platform for measurement radio listening).

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Chuan Soin Tong, Customer Support, Regional Support Center Asia-Pacific, Newtec
As part of Newtec's customer support, Chuan Soin Tong is responsible for pre- and post-sales support, demonstrations and training, and project implementations. His experience and areas of expertise include DTT/SFN projects, high-speed IP Trunking, VSAT systems for consumer and enterprise broadband, and Direct-to-Home uplinks. Prior to his role at Newtec, Tong worked as a Principal Engineer at Mediacorp, which followed a spell at NERA Telecommunications where he was a Senior System Engineer.

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Kenichi Murayama, Senior Research Engineer, Advanced Transmission Systems Research Division, Science & Technology Research Laboratories
NHK, Japan Broadcasting Corporation
Kenichi Murayama joined NHK (Japan Broadcasting Corporation) in 2002. From 2002 to 2008, he had worked at the NHK Engineering Administration Department / Transmission & Audience Reception Engineering Center. From 2008, he has worked at the Advanced Transmission Systems Research Division in NHK Science and Technology Research Laboratories (STRL) and has been engaged in research and development related to next generation of digital terrestrial broadcasting.

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Andi Permadi
Head of New Media, Radio Republik Indonesia
Andi Permadi has been an online journalist for five years and Head of New Media at RRI since 2012. His areas of responsibility include the Web, apps, streaming, the cloud and social media technology.

Haida Baba Zain, Station Manager of TRAXXfm, Radio Televisyen Malaysia
With over 20 years' experience in broadcasting including as broadcast journalist, News Editor and TV Producer, Dr Haida is currently the Station Manager of TRAXXfm which is an English language radio station operated by Radio Televisyen Malaysia. TRAXXfm is the only Malaysian radio station that pioneered English as the medium for delivering its programmes when it first started as the Blue Network, Radio 4 and Radio Malaysia Saluran 4, with the aim to educate, inform and to entertain listeners.

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Alex Reza Shariman Othman
Director of Public Relations, Radio Televisyen Malaysia
A graduate of MARA Institute of Technology, Alex's first degree was in the field of Mass Communication, majoring in broadcasting. In his experience of more than 20 years in the broadcasting field at RTM, Alex has performed extensive duties in television production, channel branding, public and international relations. Representing RTM at international conferences and meetings abroad, he also led several successful cooperation programmes, festivals and productions to fruition. He received his Master in Integrated Marketing and is currently pursuing a doctorate in Consumer Psychology, focusing on tourism.

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SONY wins best booth award

Congratulations to SONY on winning the DBS 2017 Booth of the Year Award – its second win in a row.

The award was introduced in 2016 and will be presented again this year. The winner will receive a complimentary single booth at DBS 2019.

Participants in the symposium choose the best booth. All participants are able to vote, based on criteria such as the design, presentation and value provided.

The winner will be announced on the final day of the symposium at the end of the conference.

Daily Lucky Draw

Want to win a prize? Enter the daily lucky draw, a highlight of the symposium. A wide selection of prizes are up for grabs, many contributed by sponsors and exhibitors.

All participants can enter by collecting stickers from exhibitors and completing the Daily Lucky Draw card. Each exhibitor is provided with a set of stickers for this purpose.

Participants use the same lucky draw cards to vote for the best booth.

Enjoy your time at the symposium. Vote for your favourite booth and enter the daily lucky draw.

WorldDAB

WorldDAB is the global industry forum responsible for defining and promoting DAB, the digital radio broadcasting standard for many broadcasters around the world.

With unique cross industry representation, our 100-plus members cover 29 countries and include experts from broadcasters, regulators, network providers through to manufacturers of receivers, chips, professional equipment and automobiles.

Sharing case studies and best practice, our not-for-profit remit allows us to give unbiased advice. We support and host industry events, briefings and tailored workshops providing insights, analysis and market intelligence.

Together we define and promote DAB by offering support on all aspects of the switch from analogue to digital radio. This includes regulation, licensing, technology trials, network build out, marketing and production of digital radio content.

T: +44 (0) 207 010 0740
E-mail: projectoffice@worlddab.org

DVB

DVB is an industry-led consortium of the world's leading digital TV and technology companies, such as manufacturers, software developers, network operators, broadcasters and regulators, committed to designing open technical specifications for the delivery of digital TV.

ROHDE & SCHWARZ

Rohde & Schwarz has been active in the field of TV and sound broadcasting for almost 70 years. We supply solutions along the entire broadcasting value chain, starting with post production in the studio and ending with transmission of the broadcasting signal. We also have the T&M and monitoring equipment required for broadcasting operations. Special T&M equipment from R&S® is used to develop and manufacture consumer audio and video products efficiently and in line with specifications while ensuring high quality.
Rohde & Schwarz offers a complete product line to support the broadcast industry in rolling out the high-definition 4K and HDR standards. Its encoding and multiplexing solutions are used in test operations and initial UHD TV services. The company is also involved in defining future standards, effectively supporting media development.

ROHDE & SCHWARZ MALAYSIA Sdn Bhd.
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Email: support.malaysia@rohde-schwarz.com
Website: www.rohde-schwarz.com/my

DRM

DRM Digital Radio for All

Digital Radio Mondiale (DRM) the global, open, green, flexible, cost effective digital radio broadcasting standard covering all frequency bands, has two major configurations

• DRM for large area coverage or 'DRM30' for LW, MW, SW (below 30 MHz); providing regional, national and international coverage and low power consumption.
• DRM for local coverage or 'DRM+' for the VHF bands I/II/III including FM (above 30 MHz); for local and regional coverage with broadcaster-controlled transmissions.

Both DRM configurations share the same audio coding, data and multimedia services, service linking and signalling schemes. DRM provides high quality sound and enhanced features: Surround Sound, Journaline text information, Slideshow, EPG, and emergency warning functionality.

DRM is promoted by a not-for-profit consortium.

E-mail: projectoffice@drm.org

DALET

Dalet solutions and services enable media organisations to create, manage and distribute content faster and more efficiently, fully maximising the value of assets. Based on an agile foundation, Dalet offers rich collaborative tools empowering end-to-end workflows for news, sports, program preparation, post-production, archives, radio, education, governments and institutions. Dalet platforms are scalable and modular. They offer targeted applications with key capabilities to address critical functions of small to large media operations - such as planning, workflow orchestration, ingest, cataloguing, editing, chat & notifications, transcoding, play out automation, multi-platform distribution and analytics.
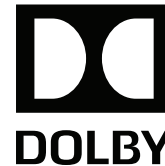
Dolby

Dolby transforms the science of sight and sound into spectacular experiences. Through innovative research and engineering, we create breakthrough experiences for billions of people worldwide through a collaborative ecosystem spanning artists, businesses, and consumers. The experiences people have – in Dolby Vision, Dolby Atmos, Dolby Cinema, Dolby Voice, and Dolby Audio – revolutionize entertainment and communications at the cinema, on the go, in the home, and at work.

ABU DIGITAL BROADCASTING SYMPOSIUM 2018

ENHANCING MULTIPLATFORM CONTENT

EXHIBITION FLOOR PLAN

1 & 2. LYNX-Technik

3. Content+Technology

4 & 5. EBS-Korea

6. Hitachi Kokusai Yagi Solutions Inc.

7. PROGIRA Radio Communication AB

8 & 9. Ikegami Electronics

10. MSA Focus

11 & 12. Whiteways Systems

13. Uxera Sdn Bhd

14. Exhibitor Lounge

15. IABM

16. NAUTEL

17 & 18. ORBAN Europe GmbH

19 & 20. JAA Systems Sdn Bhd

21 & 28. Rohde & Schwarz

22 & 27. IFTV

23. Stagetec Asia Sdn Bhd

24. Broadcast Solution GmbH

25. Enensys Technologies

26. MEASAT

29. Skyline Communications

30. ASTRO

31 & 34. SONY

32. ADDER Technology

33. Eddystone Broadccast Company Limited

35. LS telcom

36. MEDIAGENIX

37. Elevate Broadcast

38. APT Satellite Co Ltd

39. WorldDAB

40. WorldDAB Pavilion
- Factum
- GatesAir
- Paneda
- RadioDNS

43. Radio Television Malaysia

44 & 45. Canara Lighting

46 & 47. IDEAL Systems

48. Caton Technology

49 & 50. Datavideo Technologies

51. Advanced Network Solutions Sdn Bhd

DBS MASTERCLASS VR

DELEGATES & VISITORS ENTRANCE

REGISTRATION

SECRETARIAT
Tun Sri Lanang 3

DBS MASTERCLASS LIGHTING & MAKE UP
Tun Sri Lanang 2

Coffee shop / Lunch area

TOILETS

37 ELEVATE BROADCAST

38 APSTAR by APT Satellite

38 WORLD DAB Digital Audio Broadcasting

EXHIBITION DEMO

19&20	17&18	16	15	14
jaa·s	orban	nautel iabm		EXHIBITOR LOUNGE

13 UXERA

11&12

21&28	22&27		23	24 broadcast SOLUTIONS
ROHDE&SCHWARZ	iftv		STAGETEC	

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Booth 1 & 2: LYNX-Technik

LYNXTechnik **AG**®
Broadcast Television Equipment

LYNX Technik AG is a technology provider of the modular interface solutions for broadcast and professional use. LYNX Technik is an independent privately owned company with its headquarters, research & manufacturing facilities based in Weiterstadt, Germany. Sales and Support is managed from its headquarters in Germany, USA (California), and Asia (Singapore). Lynx-Technik Pte Ltd incorporated in 2013 is the Asia Pacific HQ servicing the Asia Pacific Region offering pre-sales and after sales support.

Products: audio/video/fiber conversion, audio/video distribution, fiber splitters, CWDM mux/demux, audio embedding/de-embedding, audio delay, image processing, frame synchronizers, test generators, 4K transmission solutions, rack frames and accessories.

Brands: Series 5000 rack/card based series, APPolo control system, yellobrik standalone plug and play modules and yelloGUI, Testor and Testor | like 3G digital test signal generators.

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Company Registration: 201324797H

Booth 3: Content + Technology magazine

content +
technology

For over 15 years Content+Technology magazine has been serving content production and delivery professionals throughout Australia, New Zealand, Southeast Asia and beyond. In 2012, to better serve those readers, we established two separate editions - Asia and Australia/New Zealand.

C+T has always acknowledged the interconnected nature of the Asia Pacific - in technology dissemination, project collaboration and, especially, in the flow of knowledge and people.

C+T Asia (Circ. 3250) is distributed from Singapore, while C+T ANZ (Circ.3480) is produced from Sydney. Both are supported by our weekly C+Tmail eNewsletter.

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Booth 4 & 5: EBS-Korea

EBS is a national public broadcasting organization that specializes in educational contents. Dedicated to complement public education and provide lifelong education, it has been making great contribution to promote equality and better accessibility in education for all. It operates two terrestrial television services, one radio channel, three satellite channels and one IPTV channel, running effective Internet platforms that ensure smart-learning environment. EBS also takes part in co-production projects with numerous countries, while exporting its high quality animations and documentaries to the world over."

Contact:
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Booth 6: Hitachi Kokusai Yagi Solutions Inc

We are a group company of Hitachi Kokusai Electric Inc., and we are mainly engaged in maintenance service services of video / broadcast / wireless communication related equipment / systems, and additionally we are a company responsible for antenna business.

In the maintenance service business, we will provide "trusted services" through high-quality business and rapid response that we have cultivated over the years in the field of video, broadcasting, communication and information systems.

In the antenna business, we will contribute to effective utilization of radio resources by antenna technology inherited from Dr Hidetsugu Yagi.

Website: www.hitachi-kokusai.co.jp/global/en/corporate/group.html

Booth 7: Progira Radio Communication AB

At PROGIRA we want to make a difference. By identifying actual client needs we provide truly great solutions and real value to the organizations we work with. We started as pioneers in our field in 1990. Today we provide cost effective network solutions and our expertise to clients in more than 50 countries. We are broadcast network planning craftsmen. Our main areas of expertise are Network Coverage, Infrastructure Investment Optimization, Digital Dividend Possibilities, Frequency Planning and Digital Cartography. Our products are PROGIRA plan for network and frequency planning, PROGIRA reach for network visualization and PROGIRA manager for spectrum management.

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Booth 8 & 9: Ikegami Electronics

Ikegami

"Ikegami as a unified team, make customer's dreams and hopes come true."

Ikegami, which develops cutting-edge technologies to meet diverse needs, harnesses the strengths of its group to give shape to the hopes and dreams of its customers through its core competence in Image, Process and Transmission (IP&T) technologies. Ikegami will continue to demonstrate its expertise in making and executing proposals, building on its world-class capabilities in information, communication, and images.

The Ikegami name is recognized globally for its state-of-the-art television cameras, Medical cameras and CCTV equipment. World-class CMOS imagery, 4K and 8K technology, multi-format flexibility, and unparalleled customer support define the Ikegami experience for users in broadcast, sports venues, mobile production, houses of worship, education, corporate and many more applications.

For more information, call Ikegami APAC.
Ikegami Electronics Asia Pacific Pte.Ltd. (Ikegami APAC)
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http://sg.ikegami.co.jp

Booth 10: MSA Focus International Ltd

msa FOCUS

Management Systems, with solutions successfully deployed at sites in at least 30 countries across four continents since 1988, and a global 24/7 support network. While continually evolving systems and software to deliver tailored solutions, MSA Focus' routinely look to leverage cutting-edge technologies and approaches to provide the best solutions for content providers in the ever-evolving challenge to profitably accommodate changing viewing habits and consumption methods. Along with integration to systems from complementary suppliers, MSA Focus' main strategy is the delivery business process solutions to improve productivity and profitability.

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Booth 11 & 12: Whiteways Systems

©WHITEWAYS SYSTEMS PTE LTD
Broadcast System Integration | Distribution of Broadcast equipment | Consultancy Services | Maintenance

Whiteways is a private limited Singapore-based systems integrator, dealer, reseller and service provider. They design, supply, install, integrate and commission complex solutions for customers who are involved in video production, post production, film and broadcasting industries throughout the Asia-Pacific region.

Whiteways is focused on providing cutting edge technologies for digital media creation, management and distribution. They sell products on a stand-alone basis and they provide turnkey solutions such as supply, design,

commissioning of studios, newsroom systems, control rooms, uplink/downlink, DSNG.

They provide service such as digitizing tapes, providing annual maintenance and support, acoustics treatment for studios, lighting set up for studios, specialised training and a host of other services. They offer consultancy services by providing a system audit, technical feasibility study, techno-commercial study, knowledge transfer and other consultancy services.

Booth 13: Uxera

Uxera Sdn Bhd (formerly known as BERNAMA Systems & Solutions Advisor Sdn. Bhd) is a leader in providing software and integrated systems and solutions to the IT and Broadcast industry. UXERA has serviced over 2000 customers in more than 5 countries. In the essence, UXERA as a one-stop source for content related technology right from content creations, software development, systems integrations, transmissions and distributions vital content or data to end-users via state-of-the-art software and telecommunication networks. UXERA also functions as a provider of technical maintenance and support systems, solutions and application software related to multimedia, data, broadcasting, ERP and office automations.

UXERA today is well represented in 12 branch offices strategically located throughout Malaysia. UXERA also have its branch offices in Singapore and Jakarta, Indonesia.

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E-mail : business@Uxera.com.my

Booth 15: IABM

IABM is the international trade association for suppliers of broadcast and media technology. IABM facilitates the important networking and interaction between suppliers that shape and define the unique ecosystem of the broadcast and media technology industry. IABM supports member companies with a comprehensive range of services across market intelligence, training, technology, exhibitions and best practices – all designed to help them do better business. We hold the interests of member companies as paramount, and strive to provide strong guidance and support at every level in all geographies.

Booth 16: Nautel Ltd

Nautel offers the broadest portfolio of digital/analog solid-state radio transmitters including 1–2000 kW AM/MW, 300 W – 88 kW FM and solutions for digital radio. More than 15,000 Nautel transmitters are deployed in 177 countries. Nautel transmitters offer comprehensive monitoring and control instrumentation via touch screen or web, outstanding reliability, compact footprints, high efficiency, easy maintenance, and 24/7 support. Nautel will showcase some of its latest industry-leading innovations at ABU 2018 including: Award-winning FM transmitters; Unmatched monitoring and control with Nautel's award-winning AUI; Industry-leading high-power compact MW transmitters; and, advanced digital radio solutions.

Booth 17 & 18: Orban Optimod Audio Processing

Since the early 70's Orban with it's renown Optimod Series has been the leading manufacturer of AM – FM – DAB – TELEVISION Loudness Controllers and Streaming Audio Processors.

Orban introduced the first FM Audio Processor mid 70's. In 1981 we introduced the very first TV Loudness Controller the OPTIMOD TV 8180A of which we sold thousands to Broadcasters around the globe.

At Orban we are proud to have been successfully engineering and manufacturing Television Loudness Controllers , AM, FM and DAB processors for more than 40 years in a market which is constantly evolving.

From the BBC to ASTRO many Broadcasters rely on the OPTIMOD to ensure that their audio quality is perfect.

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E-mail: pjlee@orban-Europe.com
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Booth 19 & 20: JAA Systems Sdn Bhd

JAA Systems Sdn Bhd is a leading international company based in Kuala Lumpur, Malaysia that handles IT, Audio & Video related markets in South East Asia region. We specialize in Audio, Video and IT technologies for Broadcast, Live Sound and IT markets. Our principal partners include Junger Audio, Calrec, Prodys, Merging Technologies, Orban, Klotz and MLA. We provides distribution of partner products, consultancy & solution provider, maintenance support, professional training services, TV and Radio streaming and satellite services like VSAT and others.

Welcome to the world of JAA.S!

Booth 21 & 28: Rohde & Schwarz

Rohde & Schwarz has been active in the field of TV and sound broadcasting for almost 70 years. We supply solutions along the entire broadcasting value chain, starting with post production in the studio and ending with transmission of the broadcasting signal. We also have the T&M and monitoring equipment required for broadcasting operations. Special T&M equipment from R&S® is used to develop and manufacture consumer audio and video products efficiently and in line with specifications while ensuring high quality.

Rohde & Schwarz offers a complete product line to support the broadcast industry in rolling out the high-definition 4K and HDR standards. Its encoding and multiplexing solutions are used in test operations and initial UHD TV services. The company is also involved in defining future standards, effectively supporting media development.

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T: +603 5569 0011   F: +603 5569 0088
E-mail: support.malaysia@rohde-schwarz.com
Website: www.rohde-schwarz.com/my

Booth 22 & 27: IFTV

Beginning at 1974 with Aşk-ı Memnu, now Turkey become second biggest exporter in TV serials. Today in 150 different countries, about 400 million people are watching the Turkish serials. This makes Turkey one of the main providers for TV content.

As developments and changes in the content and broadcasting industries have removed borders, Turkey is building a new communication bridge with IFTV Istanbul Film TV Forum & Exhibition in Istanbul, where continents and civilizations meet, in order to create new alternative cooperation platform for TV industry. You can be a part of it by visiting or exhibiting in IFTV 2018.

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Booth 23: Stagetec Asia Sdn Bhd

Stagetec Asia is a Malaysia-based distributor company, specialising in audio infrastructure network for live sound and broadcast industry. Stagetec Asia is also an exclusive partner of Stage Tec GmbH, a Berlin based manufacturer of broadcast grade professional audio mixing consoles and audio/media router. Their flagship consoles Platinum Series & Nexus has landed in many local TV & Radio studio in Malaysia since 2005. Stagetec Asia has served more than 10 years for national and international customers, including public and commercial broadcasters, TV and radio production companies. Stagetec Asia also a partner with other brands in the market such as DHD, Linear Acoustic, Minnetonka, RTW, Zenon Media, Mobile Viewpoint, Tieline, Riedel, ASL, Sonifex, ADAM Audio, AVT, Direct Out, Yellowtec, and For. A in providing a complete audio solutions.

Contact:
E-mail: sales@stagetecasia.com
Website: www.stagetecasia.com

Booth 24: Broadcast Solutions GmbH

Broadcast Solutions GmbH is one of Europe's biggest system integrators. Since 15 years the German-based company stands for innovation and engineering „Made in Germany". With subsidiaries in Europe, Asia and the Middle East Broadcast Solutions plans, implements and realises projects in the areas of Outside Broadcast, Satellite Communication, Studio and MCR Broadcast Facilities, Sport Arena Multimedia Solutions as well as mobile Security and Surveillance Solutions. Acting as a distribution company Broadcast Solutions represents several innovative brands in the broadcast and security markets. More than 120 employees worldwide offer customers tailor-made solutions – from idea to implementation and beyond.

Booth 25: Enensys Technologies

ENENSYS Networks and TestTree will share a booth at ABU DBS 2018:

ENENSYS Networks offers products for Efficient Video Delivery in Digital Terrestrial TV, Targeted Content Insertion and Switches & IP Transport. Products support DVB-T/T2, ISDB-T and ATSC 3.0 including seamless transport stream switches and local content insertion.

TestTree, provides high performance RF and TS monitoring probes for multiple standards for use by broadcasters and network operators, as well as products for signal capture, analysis and generation for field and lab/R&D purposes.

ENENSYS and Test-Tree are based in Rennes, France, with partners worldwide offering local sales and support.

Contacts:
T: +33 1 7072 5170
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T: +33 1 7072 5170
Website: www.test-tree.com

Booth 26: MEASAT Global Berhad

MEASAT is a premium supplier of services to leading broadcasters, Direct-To-Home (DTH) platforms and telecom operators. With capacity across six (6) communication satellites, MEASAT provides satellite services to over 150 countries representing 80% of the world's population across Asia, Middle East, Africa, Europe and Australia.

Working with a select group of world-class partners, MEASAT also provides a complete range of broadcast and telecommunications solutions. Services include UHD/HD and SD video playout, video turnaround, co-location, uplinking, broadband and IP termination services.

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Website: www.measat.com

Booth 29: Skyline Communications

Skyline Communications is the global leading supplier of end-to-end multi-vendor network management and OSS software solutions for broadcast, satellite, cable, telco and mobile industry. Our DataMiner network management platform enables end-to-end integration of the most complex technical ecosystems.DataMiner is integrated with over 5000 drivers to interface with devices and systems from more than 600 key industry suppliers, and offers functionalities including unlimited web access, alarming, e-mail and SMS notification, , advanced automation, intelligent correlation and root cause analysis, service management, real-time SLA monitoring, user-definable key performance indicator dashboards, spectrum monitoring, mobile access, powerful CPE management, inventory and asset management.

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Booth 30: Astro

Astro Malaysia Holdings Berhad (Astro) is a Malaysian and ASEAN digital-first media and lifestyle company in the Digital, TV, Radio and eCommerce space.

It is Malaysia's No. 1 online media company with 7.4 million unique visitors per month across the digital platforms of its entertainment and lifestyle brands. The company serves 21 million individuals in 5.3 million households, or 73% of Malaysian households, who are able to watch Astro content on all screens and on demand, be it TV, laptop, tablet and phone.

Booth 31 & 34: Sony

Sony is a leading manufacturer of audio, video, game, communications, key device and information technology products for the consumer and professional markets. Sony's Broadcast & Content Creation Solutions Asia Pacific business is established under Professional Solutions Company (PSAP), a division company under Sony Corporation of Hong Kong Ltd. It markets Sony's leading broadcast systems, professional video and audio products in Asia other than Japan. It also provides customized business solutions, comprehensive technical support and after-sales service to help Sony's customers stay at the forefront of their business.

Website: pro.sony

Booth 32: ADDER Technology Ltd

Adder design and manufacture an advanced range of KVM switches, extenders and IP solutions which enable the reliable control of local, remote and global IT systems.

With over 30 years of experience in developing and manufacturing connectivity solutions for a global audience, Adder Technology is a thought leader in the field, continually striving to deliver excellence through innovation and bringing peace of mind to mission critical applications. Together with a global network of resellers and distributors, we solve challenges in a range of industries including Audio Visual, Broadcast, Control Room / Data Center, Transport, Financial, Medical and Government, Security & Services sectors through a deep understanding of our customers' requirements. Adder products are renowned for their technical excellence, reliable performance and robust manufacture and are complemented by comprehensive technical support and professional services.

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Mr Kuan C W
Technical Sales Manager
T : +6012-3228129 (HP/Whatsapp)

Booth 33: Eddystone Broadcast

EDDYSTONE
BROADCAST

Eddystone Broadcast is a world leading designer and manufacturer of FM Transmitters / STL Links / Exciters / Control & Monitoring Systems built around a common modular design that offers hot pluggable modularity in the 500W-20kW range. Common amplifiers, controllers and PSU's are used throughout, thus enabling multi-site operators to reduce spares holdings in support of their networks. Eddystone exports to some of the largest Broadcasters around the world offering onsite and full 24 hour remote assistance. Our 5 year warranty gives piece of mind and our build quality is second to none.

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E-mail: sales@eddystone-broadcast.com

Booth 35: LS telcom

LS telcom

LS telcom is the global leader in spectrum efficiency.

Its broadcast portfolio includes network planning software, consulting, engineering and measurement services. Training on technologies, standards, and regulations as well as turnkey transmitter installations complete its area of expertise. LS telcom now also provides an unprecedented service; it carries out very cost-effective antenna measurements via remote controlled miniature helicopter.

Its cutting-edge broadcast plan¬ning software CHIRplus_ BC for TV, DVB-T (& T2 & T2-lite), ISDB-T, ATSC (& 3.0), DTMB, CMMB, FM, LF/MF DAB(+), DRM(+) was the first of its kind on the market for these technologies.

Booth 36: MediaGeniX

MEDIAGENIX

MEDIAGENIX enables broadcasters, telcos, content providers and other media companies to get the most out of their content across linear and VOD channels and services. Their Broadcast Management System WHATS'ON provides an integrated end-to-end solution for managing strategic planning, scheduling, promotions, media management, workflows, rights management, and analytics. WHATS'ON not only allows media companies to easily set up Linear and VOD channels, and schedule content in line with strategic, editorial, budgetary, operational and regulatory requirements, it also provides them with the backbone system they need to streamline workflows and optimise core processes in the content-centric manner this era requires.

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Managing Director MEDIAGENIX Asia Pte Ltd
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Booth 37: Elevate Broadcast

Elevate Broadcast Pte Ltd is headquartered in Singapore with local offices in Malaysia and Myanmar and servicing projects throughout Asia. Elevate Broadcast provides services in three areas: Consulting, Systems Integration and Product Supply. Each customer is unique and has a specific set of challenges from startups to established broadcasters, Elevate Consulting services can help customers with personalized solutions to align requirements with technologies in areas such as workflow, production and infrastructure. Elevate Broadcast turnkey Project Integration services from concept through commissioning. Product supply from top manufactures and specialized products. Elevate Broadcast is able to support any size operation.

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T: +65 6871 4352

Booth 38: APT

Based in Hong Kong, APT Satellite Company Limited ("APT Satellite") is a satellite company operating a fleet of four satellites, namely APSTAR-5, APSTAR-6, APSTAR-7, and APSTAR-9. APSTAR-5C and APSTAR-6C are currently under construction, they will replace APSTAR-5 and APSTAR-6 respectively in 2018. The footprints of the fleet cover Asia, Middle East, Oceania, and most part of Europe and Africa, extending services to over 75% of the world's population. Currently distributing 600+ TV channels around the world including HBO, Disney, Sony Pictures, NBCU, RTL-CBS,EBU,

GMA, TVBI, TVn, SKYNET, CSTV, Cosatech etc, APT Satellite is also supplying transponder capacity to a variety of telecom operators such as PCCW, Speedcast, Rignet, BT, Arqiva, Singtel, Panasonic, Etisalat, etc.

Booth 39: WorldDAB

WorldDAB is the global industry forum responsible for defining and promoting DAB, the digital radio broadcasting standard for many broadcasters around the world.

With unique cross industry representation, our 100-plus members cover 29 countries and include experts from broadcasters, regulators, network providers through to manufacturers of receivers, chips, professional equipment and automobiles.

Sharing case studies and best practice, our not-for-profit remit allows us to give unbiased advice. We support and host industry events, briefings and tailored workshops providing insights, analysis and market intelligence.

Together we define and promote DAB by offering support on all aspects of the switch from analogue to digital radio. This includes regulation, licensing, technology trials, network build out, marketing and production of digital radio content.

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Factum Radioscape

Factum Radioscape is a dynamic participant in the development, deployment and testing of Digital Audio Broadcasting (DAB/DAB+) world-wide. Our background in encoding, multiplexing, monitoring and analysis products, coupled with our experience with DAB/DAB+ transmission networks, enables our highly-experienced engineering team to offer a long-term commitment to product innovations, evolution and enhancement. Since 1997, Factum and Radioscape have been delivering innovative, reliable and cost-effective products for Digital Radio Broadcasting. With the amalgamation of Factum and Radioscape in 2014 under the banner: Two Brands - One Team, both brands benefit from their combined technical experience covering support, manufacturing and product development.

Gates Air

GatesAir connects a legacy of innovation with a vision for the future. GatesAir has been an innovator in over-the-air broadcasting for nearly 100 years, and today offers the industry's broadest portfolio to help broadcasters deliver and monetize content. The company's roots date to 1922, when Henry C. Gates founded the Gates Radio and Supply Company. Henry's son, Parker Gates, quickly established the company's reputation as a visionary, responsible for industry firsts in audio and electronics. These innovations laid the foundation for groundbreaking over-the-air radio and television transmitter designs that continue to this day. Today, GatesAir architects market-leading solutions for over-the-air broadcasting and public safety communications, leveraging the best use of wireless spectrum to maximize performance for multichannel, mission-critical services.

Paneda

Paneda's vision is "Digital TV and –RADIO for everyone" The business idea is "Deliver digital telecommunication services through application of cost efficient technology" Paneda is a provider of services related to broadcasting of digital television and radio signals. Specialized in broadcasting in areas in rural areas, with small transmitters with small effects, as well as DAB/DMB with Disaster Break-in solutions for tunnels.

Radio DNS

RadioDNS is the international not-for-profit membership organisation that promotes hybrid radio, the seamless combination of broadcast radio technologies and IP connectivity. The organisation creates open technical standards that enable interoperability between content providers and devices, and we liaise with all parts of the radio and consumer electronics ecosystems to develop new functionality that can be delivered alongside broadcast radio using IP. We also provide support for developers wanting to create new solutions around hybrid radio, and to test platforms and devices.

Booth 43: Radio Television Malaysia

Radio Television Malaysia (RTM), the pioneer national broadcasting station, has undergone developmental changes over the years both in terms of technology and programming since its establishment in 1946.

Turning 72 years by April 1st 2018, RTM will continue to play a crucial leading role in serving the Malaysian public through its diverse genres that broadcast via multi-platforms including RTM Mobile and online webcasting to garner a wider audience shares.

As the national broadcaster, RTM needs to fulfill its social obligations to realize national agenda and reaches 98% of Malaysia's population through quality programme contents that propagate good values and nation building.

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Booth 44 & 45: Canara Lighting

Canara Lighting, leading global studio lighting system manufacturer provides total studio lighting solution for broadcasting industry worldwide for over 40 years. They provide consultancy, design, project management, manufacturing, installation, commissioning, training and after sales service under total solution. Product range includes hi-tech LED and other lighting fixtures, rigging equipment, cabling and networking, dimming and lighting console. Products are as per international standard and CE certified. Over 800 installations are using their equipment satisfactorily. World class manufacturing facility is located in India. Currently, their products are exported to Asian countries including China, Middle East, African countries and European countries.

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Booth 46 & 47: IDEAL Systems

Ideal is Asia's largest broadcast systems integrator and is a multinational organization providing innovative media and design solutions to sectors including broadcasting, telecoms, and media. Ideal Systems provides services that range from systems consultancy and design conceptualization, to systems deployment and support of broadcast systems, facilities, and studios, to billing and subscriber-management solutions.

Ideal Group operates from 11 regional offices in nine countries across Asia. The company employs over 150 full time staff members in its offices in Hong Kong (main headquarters), China, Taiwan, India, Japan, Singapore (S.E.A. headquarters), Thailand, Indonesia, Malaysia and Dubai.

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Booth 48: Caton Technologies

Caton Technology is a leading manufacturer of advance video encoding and Open Internet data transmission solutions. Reliable Real-Time Transport Protocol (R2TP) and Fast Files Transfer Protocol (F2TP) technologies enable secure, robust and easy-to-use data transmission for the broadcast and enterprise markets even in the harshest of network conditions.

Contact:
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Website: www.catontechnology.com

Booth 49 & 50: Datavideo Technologies

Datavideo technologies are an ISO-9001 quality certified manufacturer. Datavideo adheres to the highest international standards in design, production, and quality control, with experienced in-house research and development engineering team that produces proprietary state-of-the-art technology.

Based in Taipei, Datavideo engineers design and manufacture a wide range of innovative technologies for use in Broadcast, AV, live event and production environments. Datavideo manufacture Broadcast Video Switchers, Mobile Video Studios, 3D/2D Virtual Studios, Lecture Recording Systems, Pan-Tilt-Zoom Cameras, 4K Block Cameras, Network Streaming Products, Character Generator Systems, Converters, LCD monitors, Power equipment and much more.

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Booth 51: Advanced Network Solutions Sdn Bhd

Established in 1999, Advancednet has developed a successful synergy between the evolving global ICT requirements and innovative technical solutions with our own brands - LITECH and APS. We are ISO 9001:2015 accredited and our Corporate Headquarters is in Shah Alam, Malaysia with an extensive footprint in Indonesia, Thailand, Philippines and Myanmar.

As the preferred telecom and networking solution provider in the ASEAN & SEA Region, Advancednet offers a comprehensive range of products - Fiber Optics, Coaxial, RF, Voice & Data, DDF, 19-inch Cabinets & Racking systems, AC DC Power systems as well as Installation materials.

DBS: 14 Years of Growth

From modest beginnings in 2005, the Digital Broadcasting Symposium has grown to become one of the world's leading events for the broadcasting industry.

Held annually in Kuala Lumpur, it now attracts well over 1,000 participants. In 2017, they represented 379 organisations in 55 countries.

Comprising a conference, an exhibition and a series of workshops, the symposium is designed to provide broadcasters with the information needed to make the right decisions in the rapidly-changing digital age.

When DBS began 14 years ago, many Asian broadcasters had not yet gone digital. Many more have now made the transition, or are in the process of doing so. At the same time, an ever-growing range of digital technologies is becoming available, offering exciting new opportunities – but also difficult decisions – for broadcasters. DBS aims to help them stay ahead of the curve.

The first symposium, in October 2005, offered guidance for broadcasters as they prepared to embark on the digital transition. It attracted 245 participants – fewer than one quarter of the number today.

The growth in participation reflects the relevance of the issues covered at the conference and workshops, and the strong interest in the products and services showcased at the exhibition.

Particularly striking has been the rise in the number of exhibitors. In 2005, DBS attracted four exhibitors: a small number but a start. By 2008 this had risen to 20, and by 2011 to 29. In 2017 the number of exhibitors reached 47 – more than 75 percent of them from overseas.

The ABU deeply appreciates the support for the symposium shown by those who take part each year: the sponsors, the conference speakers, the exhibitors and the workshop organisers. The symposium's success is your success. We thank you and are delighted to welcome you to DBS 2018.

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ABU ENGINEERING AWARDS 2017

Ms Sun Suchuan of SAPPRFT-China presented the Award to Mr Rahadian Gingging of RRI-Indonesia

ABU Developing Broadcasters' Excellence Award

The winner of the **2017 ABU Developing Broadcasters' Excellence Award** was Mr Permadi Kencono Wulan, Head of New Media of Radio Republik Indonesia (RRI). Mr Permadi won for his contribution to new services of RRI. Mrs Sun Suchuan, Deputy Director General, Science and Technology Department, SAPPRFT/RPTRC-China presented the award to Mr Rahadian Gingging, Director of Technology and New Media, Radio Republik, Indonesia who accepted the award on behalf of Mr Permadi.

Andi Permadi
Head of New Media
Radio Republik Indonesia

ABU Broadcast Engineering Excellence

The winner of the **2017 ABU Broadcast Engineering Excellence Award** was Mr Soonki KIM, Executive Managing Director, Production Technology, Korean Broadcasting System who won for his outstanding contributions to implementation of ATSC 3.0 based Digital Terrestrial Transmission. Mr Masakazu Iwaki, Head of Human Interface Research Division, Science & Technology Research Laboratories, NHK-Japan and Chairman of the ABU Technical Committee presented the award to Mr Doo-Hyung Kang, ABU Technical Liaison Officer, Korean Broadcasting System who accepted the award on behalf of Mr Kim.

Mr Doo-Hyung KANG of KBS-Korea received the Award from Mr Masakazu Iwaki of NHK-Japan

Soonki KIM
Executive Managing Director
Production Technology
Korean Broadcasting System

2017 ABU Engineering Industry Excellence Award

Dr Ahmad Zaki Mohd Salleh of Media Prima Berhad won the **2017 ABU Engineering Industry Excellence Award** for his outstanding contribution to broadcast media.

Dr Zaki is the first Malaysian to win an ABU Engineering Award.

As Director of Technical Operations, TV Networks, Dr Zaki plays a key role at Media Prima Berhad, a leading Malaysian media corporation. He has held the position since February 2017 and is in charge of all engineering and process aspects of content creation suitable for various platforms.

Dr Ahmad Zaki Mohd Salleh receiving his award from Dr Javad Mottaghi

Among his recent major projects was leading the team that designed and set up a Disaster Recovery Centre on a remote site for Media Prima's four television stations. The centre provides a comprehensive mirror site for the corporation.

Established in 2003, Media Prima has an equity interest in TV3, 8TV, ntv7 and TV9. It also owns 98 percent of The New Straits Times Press (Malaysia) Berhad (NSTP), which publishes New Straits Times, BH and Harian Metro newspapers. Media Prima is a strong supporter of the ABU Digital Broadcasting Symposium.

ABU Green Broadcast Engineering

There were two winners for the **2017 ABU Green Broadcast Engineering Award**, Mediacorp-Singapore and CCTV-China.

Mediacorp-Singapore won for its environment friendly new broadcast centre and CCTV-China was awarded for converged production cloud platform. Mr Hamid Dehghan Nayeri, Director, International Technical Affairs, IRIB-Iran Panel Chairman, ABU Industry & Green Awards presented the awards to Mr Peh Beng Yeow, Vice President (Transmission) who accepted on behalf of Mediacorp and to Mr Cui Jianwei, Deputy Director, Technical Production Center who accepted on behalf of CCTV.

Mr Hamid Dehghan Nayeri of IRIB-Iran presented the Award to Mr Peh Beng Yeow of Mediacorp

The Award is shared with Mr Cui Jianwei of CCTV-China

Best Article Award

The winner of the Best Article Award for 2017 was titled Impact of Interference on Broadcasting Satellite Services in Terms of Increase Rate of Outage Time Caused by Rain Attenuation authored by Dr Kazuyoshi Shogen, B-SAT-Japan, Mr Masashi Kamei, Japan Telecommunications Engineering and Consulting Service-Japan, Mr Susumu Nakazawa and Mr Shoji Tanaka, NHK-STRL-Japan.

Dr Kazuyoshi Shogen, VP (International Affairs), Corporate Planning Division, B-SAT (Broadcasting Satellite System Corporation) accepted the award on behalf of the authors which was presented by Mr Sheng Zhifan, CTO, Academy of Broadcasting Science of SAPPRFT/RTPRC-China.

A team of writers represented by Dr Kazuyoshi Shogen received the Best Article Award

Mr Masashi Kamei   Mr Susumu Nakazawa   Mr Shoji Tanaka

The First Commended Article Prize was awarded to Mr M S Duhan and received by Ms Supriya Sahu, DG-Doordarshan India

Mr M S Duhan

The Second Commended Article Prize went to Dr Li Leilei, Professor, Academy of Broadcasting Planning, RTPRC-China

Commended Article Award 1

The winner of the First Commended Article Prize was awarded to Mr M S Duhan of Doordarshan-India for the article titled Structural Mechanics of TV Towers: Strengthening for Hauling up of Additional DTT Antennas. Mr Sheng Zhifan, CTO, Academy of Broadcasting Science of SAPPRFT/RTPRC-China presented the award to Mrs Supriya Sahu, Director-General of Doordarshan and ABU Vice-President.

Commended Article Award 2

The Second Commended Article Prize was awarded to Dr Li Leilei, Professor of the Academy of Broadcasting Planning, RTPRC-China for the article titled WRC-19 Agenda Items Concerning Broadcasting Service and ABU Spectrum Issues. Mr Sheng Zhifan, CTO, Academy of Broadcasting Science of SAPPRFT/RTPRC-China presented the award to Dr Li Leilei.
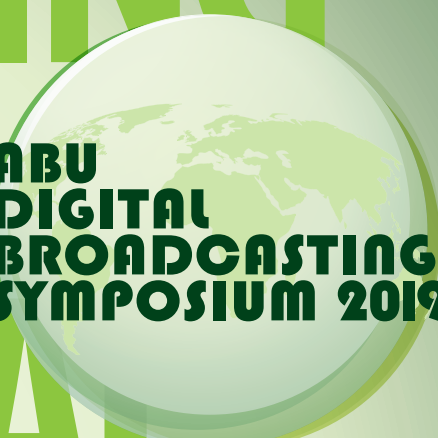
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