



the association for Audiovisual &
Educational Technology Management Inc.

Seventeenth Annual Conference of the Association for Audiovisual and Educational Technology Management Inc. (AETM)

November 20 – 23, 2017



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Thank you for supporting the 2017 AETM Conference

Welcome to the Seventeenth Annual Conference of the Association for Audiovisual and Educational Technology Management Inc. (AETM) of Australasia, November 20 – 23, 2017.

AETM (Association for Audiovisual & Educational Technology Management) was established in 2001 to provide a forum for directors, managers and other professionals who work in organisations using audiovisual or educational technology. AETM members have management responsibilities such as:

- Audiovisual Learning & Meeting Space Design
- Infrastructure Planning
- Technology Integration
- Audiovisual Operational Support
- Support Maintenance
- Event Management & Training Materials
- Project Management

AETM believes that AV professionals in universities, corporations, museums, schools, government departments, galleries, colleges, courts, hospitals and other work environments share many common challenges and will benefit from the cross-pollination of ideas and operational technology experience. The association provides a discussion environment through an online forum, where any member can contact one or all of their fellow members and discuss any common issues that relate to audiovisual or educational technology. The ongoing exchange of practical and truthful information gained from the real world experience of AETM colleagues is often cited by members as one of the key benefits of being part of AETM.

Hosted by the University of the Sunshine Coast

USC offers more than 140 degrees and postgraduate programs taught by nationally awarded teaching staff. At just 20 years of age, USC is now ranked in Times Higher Education list of the top 501-600 universities in the world, and in the 101-150 category out of the top 200 universities under 50 years old.

In the most recent Excellence for Research in Australia assessment, USC was rated by the Australian Research Council as having 14 fields at or above world standard, including the equal highest rating nationally in nursing, zoology, and environmental science and management.

USC is currently progressing toward the opening of a new flagship campus in Moreton Bay. Expected to open in 2020, the new campus will cater for up to 10,000 additional students and will offer a comprehensive range of undergraduate, postgraduate and research programs.

USC has been growing rapidly in the AV industry as an institution developing innovative solutions for teaching and research disciplines. USC won an AVIA in 2014 for the development of its first collaborative lecture theatre and also won the 2014 Crestron Education AV project of the year for its immersive nursing simulation spaces. USC has continued to develop technology rich spaces, with other projects such as the Engineering Learning Hub delivered in 2015 which features a CAVE2 system developed by EVL in University of Illinois in the US. The conference will be held at the University of the Sunshine Coast and the Novotel Twin Waters Resort.

Conference Sessions – University of the Sunshine Coast

Networking Exhibition – University of the Sunshine Coast, USC Innovation Centre.

Conference Dinner – Mooloolaba Surf Club.

Conference attendees will be staying at the Novotel Twin Waters Resort.

270 Ocean Dr, Twin Waters QLD 4564, Australia.

Phone +61 7 5448 8000



Program

Monday 20/11/17

AVIXA Professional Development Training. Novotel Mudjimba Room - near main entry and reception.

1200 - 1230

Lunch.

1230 - 1430

Network Security: Creating a Project Risk Register. Dean McFadden, Manager, Learning by Experience.

Learn how to create a project risk register. A register helps you articulate and balance the many risks encountered in your projects. A project risk register is a tool to add structure and consistency to your project risk management process. Using this puts you in the lead to quickly and easily carry out a complete risk management process. You identify, assess and treat risks, and bring your project team and stakeholders along on the journey.

1430 - 1445

Afternoon Tea.

1445 - 1645

Project Management for AV. Mike Comiskey, Principal Audio-Visual Consultant, AECOM.

Whether you are involved in live events or installed AV, every job requires coordination and management, both internally and with external stakeholders. Successful projects are the result of good planning (including drawing on previous experience) and ongoing communication and coordination between all parties. We will look at the basics, and some not so basics, of project management principles and practices as they apply to the AV industry. This seminar should be of interest to you if you are involved in delivering projects to your organisation's clients, or indeed if you are the client or an allied professional.

1830 - 2230

Opening Dinner. (Members and Invited guests only). Novotel Mudjimba Room.

Tuesday 21/11/17

Sunshine Coast University, Sippy Downs Campus. Lecture theater EG18.

0730 - 0800

Bus from Novotel Twin Waters to USC.

0800 - 0830

Registration. EG.20.

0840 - 0850

Welcome to country.

0850 - 0900

Conference opening and welcome. USC Vice Chancellor & President, Prof Greg Hill.

0900 - 0910

Introduction to USC's Collaborative Lecture Theater EG18. Scott Dukeson, USC

0910 - 0935

AV support without AV techs. Stephen Riley - Auckland University of Technology.

How do you support AV systems on a multi-site campus without a team of dedicated AV technicians?

0935 - 1000

The Virtual Classroom: Is it a Reality? Marc Mellors - University of New England.

This presentation will seek to explore the relationship between augmented (AR) and virtual reality (VR) systems in teaching, learning, and research settings.

1000 - 1030

Morning Tea. EG Common Area.

1030 - 1100

Learning Spaces Tool-kit Presentation. SCHOMS Chairperson - Caroline Pepper.

The UK HE Learning Space Toolkit has been produced by SCHOMS, AUDE and UCISA to help members from all three professional bodies share best practice and work more effectively when creating learning spaces. This Toolkit provides an overview of learning space design in a higher education context, from the point of view of the professional support services who play a key role in such projects.

- 1100 - 1130 **Back to the Future.** Dave Rigter - University of Wollongong.
How the University of Wollongong went from JED's to SVSi in 12 months.
- 1130 - 1200 AETM Annual General Meeting.
- 1200 - 1300 BBQ Lunch. Buranga Garden, EG.**
- 1300 - 1330 **CAVE2™, Collaboration Studio and Immerse Studio.** Mark Barry, USC
Mark Barry is a former maths and physics teacher with decades of expertise in developing and managing high-tech solutions including high-performance computing facilities, 3D visualisation and large display systems. Mark manages the University of the Sunshine Coast's Visualisation Facilities and previously worked at the Queensland University of Technology for 28 years. The CAVE2™ provides a near-seamless 320-degree, immersive and panoramic 3D virtual environment.
- 1330 - 1430 **Visualisation Tours** - 4 groups - 12 minute demonstrations.
Group-1 Cave Project History; Group-2 Cave experience;
Group-3 Cave backend & ACL; Group-4 Collaboration Studio.
- 1430 - 1500 Afternoon Tea. H2G Common Area.**
- 1500 - 1700 **Group tours.** USC Nursing, Paramedic, House Simulation clinics and Law Moot court.
- 1700 - 1730 Bus to Hotel - Free evening, dinner own arrangements

Wednesday 22/11/17

Sunshine Coast University, Sippy Downs Campus. Lecture theater LT02.

- 0800 - 0830 Bus from Novotel Twin Waters to USC Exhibition Centre.
- 0830 - 0930 View Networking Exhibition. USC Innovation Centre.**
- 0935 - 1025 **Opening Conference Keynote.** Dr Jenine Beekhuuyzen is a Diversity Expert.
Jenine is one of Advance Queensland's Digital Champions, was named by the Sydney Morning Herald as a female rising star in ICT, and is the winner of the 2014 Australian Information Industries Association (AIIA) iAward for Queensland ICT Woman of the Year. Jenine is a social entrepreneur, academic, and an advocate for increasing the number of women in STEM. She is the Founder & CEO of the non-profit Tech Girls Movement (TGM), and runs her own research consulting company Adroit Research with her expertise in qualitative research.
- 1025 - 1050 Conference Partner Presentation - **Panasonic.**
- 1050 - 1150 Morning Tea. Networking Exhibition, Innovation Centre.**
- 1155 - 1210 Major Sponsor Presentation - **Sennheiser.**
- 1210 - 1235 **Bug Lab – Designing an Exhibition that is going to travel the world.** Andrew Bruce - Museum of New Zealand Te Papa Tongarewa. This presentation will explore the challenges of designing a complex technical system that is suitable to be toured across the world.
- 1235 - 1250 Major Sponsor Presentation - **NEC**
- 1250 - 1450 Lunch. Networking Exhibition, Innovation Centre.**
- 1455 - 1520 Conference Partner Presentation - **Crestron.**
- 1520 - 1545 **AV in an enterprise model.** Dr Gordon Howell - QUT.
To meet the emerging needs within an enterprise service model, QUT has developed a building blocks approach. This presentation outlines the progress to date, and includes QUT's aspirations for the new Education Precinct, scheduled for completion during 2018.
- 1545 - 1615 Bus to Hotel

1730 - 1800 Bus to Gala Dinner

1800 - 2200 **Gala Dinner - Mooloolaba Surf Club.**

2130 Bus to Hotel.

2200 Bus to Hotel.

Thursday 23/11/17

Sunshine Coast University, Sippy Downs Campus. Lecture theater LT02.

0800 - 0830 Bus from Novotel Twin Waters to USC Exhibition Centre.

0830 - 0930 **View Networking Exhibition. USC Innovation Centre.**

0935 - 1000 **Enterprise AV SOE.** Zane Johnston - Monash University.

Designing, deploying, supporting and continually improving AV services through the application of a standard operating environment.

1000 - 1025 **Planning for a Natural Disaster.** University of Canterbury - Nathan Gardiner.

In a post-earthquake zone at University of Canterbury, NZ, many lessons have been learnt.

This presentation looks to share the short term adaptations as well as long term design shifts.

1025 - 1125 **Morning Tea. Networking Exhibition, Innovation Centre.**

1130 - 1155 **Audio with Videoconferencing.** Hayden Leiper. USC's resident audio expert.

AEC, best practice and common issues with setting up audio for videoconferencing systems.

1155 - 1220 **Demonstration of 4K display technology installed into LT02.** Discussion regarding 4K and higher resolution display systems and standards.

1220 - 1400 **Lunch. Networking Exhibition, Innovation Centre.**

1405 - 1505 **Closing Keynote speaker.** Gary Kaye, rAve Publications. (Presenting via Zoom from the USA)

The Digital Canvas and the Future of Campus AV.

No technology will impact the future of the classroom like 4K. Sure, HD brought us better quality video and images but 4K is way, way more than prettier pictures. 4K projection will mark the dawn of the Digital Canvas.

What is the Digital Canvas and why should you care?

Well, if you are involved in AV decision making on your campus or in your company, you'll want to attend Gary Kaye's latest keynote, The Future of Meeting Rooms and Classrooms is the 4K Digital Canvas.

The 4K Digital Canvas is not just the future of projection, it's the future of rooms. The Digital Canvas will free the presenter from being limited to presenting only eh content that can fit in the rectangular-screen hanging in front of the room and allow every room to be a completely immersive environment – encouraging seamless collaboration, presentations and content from anywhere, anytime.

1505 - 1520 **Conference wrap-up and closing.**

1520 - 1700 **Post-Conference drinks with Conference Sponsors.**

1700 - 1730 Bus to Hotel

Friday 24/11/17

1030 Bus from Novotel Twin Waters to Sunshine Coast Hospital.

1100 - 1200 **Optional Tour of Sunshine Coast Hospital.**

1200 Bus to Hotel

Keynote Speaker

Jenine Beekhuyzen

Exclusively represented by Saxton Dr. Jenine Beekhuyzen is a futurist who questions existing structures which won't serve tomorrow's digital landscape. Providing insight into the disruptive nature of technology, she will help us to prepare for an unknown future, engage the next generation of workers and leaders, and transform our approach to innovation. As a well-known advocate for technology innovation and diversity in Science, Technology, Engineering and Maths (STEM), Jenine draws on her 15+ years of internationally published academic research and university teaching, 8 years as CEO of her own technology consulting company, and her work with her not for profit to prepare our school children to be technology leaders of the future.



In her highly engaging presentations, Dr. Jenine Beekhuyzen, creator of the Tech Girls Are Superheroes campaign, Founder & CEO of the Tech Girls Movement and Gumption Trigger author discusses the necessity of overcoming the inertia that is debilitating our leaders and their visions of our technology futures. She proposes that we invest in digital literacy and education to mobilise a tribe of next generation leaders who are engaged and committed to solving real world problems with technology. She provides practical suggestions for the future of leadership in the digital space.

Jenine's unwavering commitment to advocacy has seen her awarded on the world stage as a Westpac/Fairfax 2016 100 Woman of Influence, the 2016 Griffith University Sciences Alumnus of the Year, 2016 Advance Queensland Digital Champion, 2014 Australian Information Industries Association (AIIA) Queensland ICT Woman of the Year, 2014 Microsoft Community Educator of the Year, 2012 Claudio Ciborra Award for Innovation in Research (Europe). As an internationally acclaimed author of the Tech Girls Are Superheroes series of books, Jenine has reached more than a quarter of a million children with her innovative approach to storytelling and STEM. She also supports youth entrepreneurship through her national competition - the Search for the Next Tech Girl Superhero - reaching more than 2000 school girls in 2017.

Gary Kayye

Gary is the founder of rAve [Publications], a publishing and digital communications company with more than 25 years of experience in technology sales and marketing. Gary has built brand campaigns for more than two dozen companies in technology and have served as an expert witness for branding cases. Recognized as a social media and new media technology expert, he has consulted with hundreds of companies on their new media and social media strategies over the past ten years. In 2014 he was named on the list of the Top 100 People You Should Connect With. Recognised as a lively and engaging speaker he loves being interrupted with questions and being challenged by the audience.

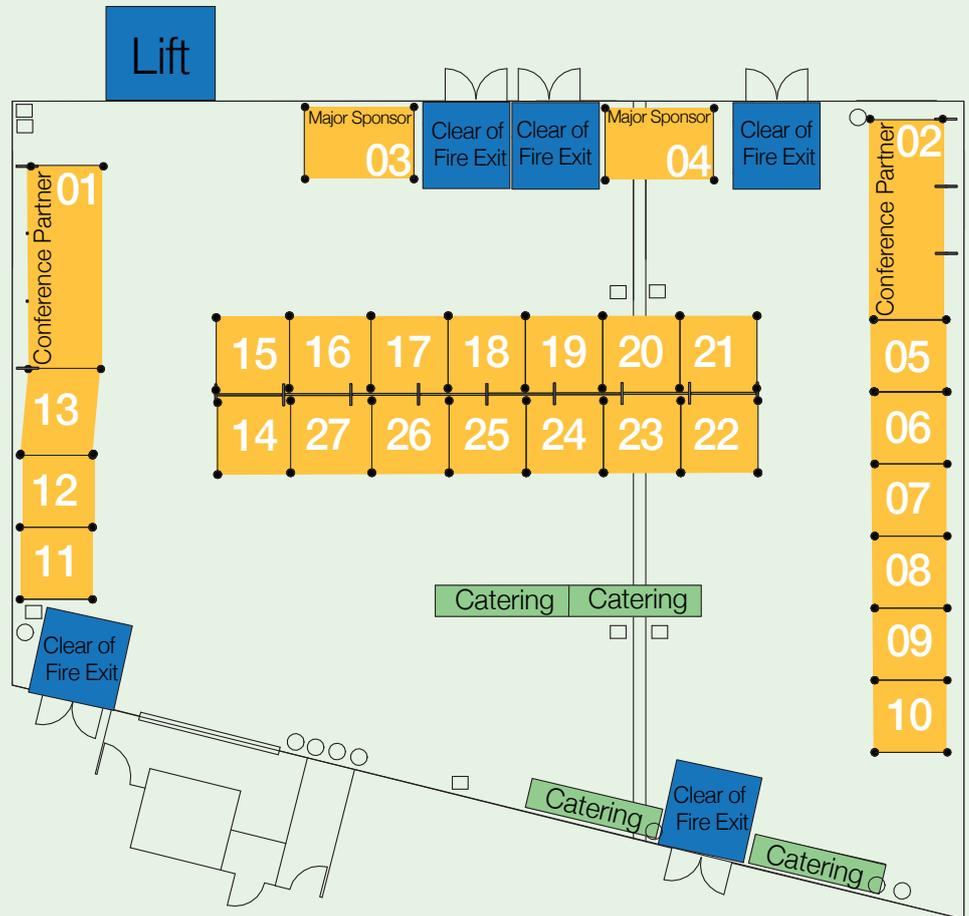


Exhibition Floor Plan

Room: USC Innovation Centre.

Booth Numbers:

1. Crestron
2. Panasonic
3. NEC
4. Sennheiser
5. Extron
6. TriplePlay
7. Technical Audio Group
8. VisionX Technologies
9. Siemon
10. Hills
11. CommBox
12. WolfVision
13. TeamMate
14. Samsung
15. Midwich
16. Concierge Displays
17. Xest
18. AVIXA
19. Christie Digital Systems
20. Jands
21. avt
22. Sony
23. InDesign Technologies
24. Control Gadgets
25. Hitachi
26. Wacom
27. Epson



Exhibitors



AVIXA | Booth Number: 18

"AVIXA™ is the Audiovisual and Integrated Experience Association. Established in 1939, AVIXA has over 5,400 members, from more than 80 countries. AVIXA members create integrated AV experiences that deliver outcomes. AVIXA is a hub for professional collaboration, information, and community, and the leading resource for AV standards, certification, training, market intelligence and thought leadership."



avt | Booth Number: 21

"avt will be showcasing a number of new solutions to the education vertical at our exhibition space at the AETM this year which we are very excited about sharing."

These will include the Acendo range of Book, Core & Vibe, Utelogy, a Digital Teaching Solution, Standard Teaching Space Packages, a Student Demographics & Engagement Analytics Platform, & New Innovative Camera Solutions."

CHRISTIE®

Christie Digital Systems Australia | Booth Number: 19

"Christie Terra enables the transport, processing and control of audiovisual content, including 4K@60Hz video formats, over 10G Ethernet networks. Comprising an expanding line-up of transmitters, receivers, processing and control hardware and software, Christie Terra includes everything required to design and integrate complete SDVoE systems for applications that demand ultimate performance and quality."



CommBox | Booth Number: 11

"The Commbox product range is ever evolving, on show at this years AETM we will be demonstrating the latest in touch technology, the all new CommBox Interactive Pulse, a 4K capacitive touch screen. In addition, you will see all your Commbox favourites, including the CommBox Classic and it's latest accessories."



Concierge Displays | Booth Number: 16

"Concierge is an innovative and flexible display solution for meeting room information and bookings. Concierge Displays can not only display what's coming up, but can also be used to direct visitors to the room, show what meeting rooms are available and facilitate on-the-spot bookings for that important ad-hoc meeting or get together."



Control Gadgets | Booth Number: 24

"Configured is a software platform developed by Control Gadgets to simplify the deployment of control systems. By defining the system as a set of configurable items, Configured allows vastly different systems to use the same source code and user interfaces. Let us demonstrate the power of our advanced feature-packed software with live demonstrations where we will be available to discuss your requirements and answer any questions you may have."



Crestron | Booth Number: 1

"Crestron latest solutions:

DigitalMedia NVX: With the new NVX Encoders/ Decoders you can transmit 4K60 4:4:4 HDR video over 1 Gigabit Ethernet.

DMPS3-4K-350-C: Provides a complete 4K AV presentation control and signal routing solution for classrooms.

Mercury: One tabletop device that enables AV conferencing, BYOD multimedia presentation, and web collaboration."



Epson | Booth Number: 27

"Epson's display will include a high brightness laser projector with an ultra-short throw lens. The projector will be sourced with 4K content and will be showing Epson's 4K Enhancement technology. We will also have static displays of the new Laser ultra-short throw projector and EB-2265U installation projector."

Extron®

Extron | Booth Number:

"Extron Australia will be demonstrating our solutions for Content Capture/Streaming as well as our Room Scheduling and Management Systems. The solutions we wish to showcase within the exhibition are:

- Streaming and Recording
- StudioStation™ SMP 111 and SMP 351
- RCP 101 Series
- Entwine EMP Room Scheduling and Management
- Room Agent™
- RoomAware™

HILLS.

Hills | Booth Number: 5

“Showcasing the latest technology in hearing augmentation, video distribution and unified communications from world leading brands Williams Sound, Wyrestorm and Revolabs. Hills offers quality, cost effective solutions with minimal impact on existing infrastructure and installation costs for education facilities. Learn from leading technology experts on solutions to common AV obstacles.”

HITACHI Inspire the Next

Hitachi | Booth Number: 25

“We will be showing and discussing our latest LED, Laser & Large Venue Projectors as well as our new 75” UHD Interactive Display.”



InDesign Technologies | Booth Number: 23

“InDesign will be proudly displaying our brand new MoCoW Halo, and unveiling our latest swivel lectern. We will also be showcasing our audiovisual design and consultancy expertise. So make the time to have a chat to Pete and Livia from InDesign, and discuss how we can make your life easier.”



audio • lighting • staging

Jands | Booth Number: 20

“Jands is an Australian owned company founded in 1970. Jands manufactures and distributes the world’s most recognised brands of Audio, Lighting and Staging products perfect for the education market. Jands specializes in providing solutions for audio for videoconferencing, collaboration spaces, AV convergence, networked audio and video.”

midwich

Midwich | Booth Number: 15

“Midwich, premier distributor of audio, video distribution and display technology will showcase:

- Biamp – best audio hardware and software for professional AV
- Concierge - innovative display solution for meeting room management
- Solstice - collaboration solution wirelessly connecting any device to any display
- Vaddio - premier global manufacturer of PTZ cameras.”

NEC

NEC | Booth Number: 3

“NEC Australia will be demonstrating the convergence of their market-leading Biometric technology with IT and Display Solutions, providing new value propositions and business models. Also see the latest interactive and collaborative displays, supported by new features and software to enhance the experience and engagement in teaching and meeting spaces.”

Panasonic

Panasonic | Booth Number: 2

“The Panasonic Business suite of products have been designed to enhance productivity in the workplace. Panasonic Australia provides a wide range business solutions, from industry leading 4K laser projection and LED displays, ruggedised notebooks and tablets, through to state of the art security solutions and unified communication systems.”

SAMSUNG

Samsung | Booth Number: 14

"As part of our Exhibition for 2017 we would like to demonstrate an LED indoor display which will be a first at the AETM conference. Samsung has also launched a new 55" Capacitive Touch Interactive Wayfinding screen which is a technology we believe will be in demand in Education."



SENNHEISER

Sennheiser | Booth Number: 4

"Sennheiser will be showcasing MobileConnect, a low-latency, high quality WiFi audio streaming platform for BYOD hearing assistance. The much revered SpeechLine Digital wireless range of microphones will also feature, boasting automatic spectrum management and innovative charging and enterprise control solutions. TeamConnect, Sennheiser's family of collaboration products will also be represented, including our ground-breaking TeamConnect Ceiling mic and the multi-award winning TeamConnect Wireless conferencing platform."



Siemon | Booth Number: 9

"Designing intelligent AV solutions? Siemon ConvergeIT™ is a unified intelligent building (IB) cabling solution that combines Siemon's proven quality with advanced copper and fiber cabling technology to create a system that converges critical data, audio, voice, video and low-voltage building systems onto a single unified physical infrastructure, providing significant cost savings and sustainability over the life of the facility."

SONY

Sony | Booth Number: 22

"This year at AETM, Sony Australia will have on display 2 laser projectors and a Pan Tilt Zoom camera with 12x optical zoom, perfect for education and boardroom/meeting room environments. We will also have our amazing new OLED display which can be integrated into any education or business space."

TeamMate®

TeamMate | Booth Number: 13

"Aiming to create inspirational teaching and learning environments through innovative contemporary AV furniture solutions, TeamMate will showcase the NEW Totem AV Stand and Hub: Secure Media Cabinet for AETM 2017."



Technical Audio Group | Booth Number: 7

"Displaying the Q-Sys AVC Platform and its current uses in many Universities across the country."



TriplePlay | Booth Number: 6

"Tripleplay is one of the world's leading providers of Digital Signage, Video on Demand and IP Television (IPTV) systems for a wide variety of clients globally. Tripleplay's core business is the creation, development and delivery of video based solutions for the applications mentioned, with a strong emphasis on Education."



VisionX Technologies | Booth Number: 8

"B-Line Medical SimCapture & LiveCapture systems will be on display demonstrating our innovative video-driven training solutions used by healthcare educators & clinicians across Australia, NZ & Worldwide."



Wacom | Booth Number: 26

"Wacom is a world leader in pen tablet technology and will be displaying our range of pen tablets, including two presentation 24" flagship models that we are planning to release at this AETM Conference."



WolfVision | Booth Number: 12

“WolfVision is a provider of systems and services to leading universities, businesses, schools, and other organisations. An acknowledged 'technology leader' in the Visualizer and presentation solutions market, WolfVision is the company that takes the lead, setting standards worldwide for innovative, reliable, user-friendly, high performance presentation, collaboration and knowledge sharing solutions.”



Xest | Booth Number: 17

“Xest is releasing the new BYOD versions. Now Xest allows Teachers and Students screens to be viewed directly on a BYOD Mobile device and BYOD Mobile devices to be viewed on other devices.”

General Information

Congress Venue

The University of the Sunshine Coast
90 Sippy Downs Dr
Sippy Downs QLD 4556



Registration Desk

Tuesday, 21 November 2017

The registration desk will be located by Building E at the University of the Sunshine Coast. It will be open for check-in and on-site registration from 8:30am.

Wednesday, 22 November and Thursday, 23 November 2017

The registration desk will be located by the exhibition space in the Innovation Centre at the University of the Sunshine Coast. It will be open for check-in and on-site registration from 8:30am.

Name Badges

Name badges and delegate bags will be provided at the Registration Desk. Admission to all sessions, morning and afternoon teas, lunches and the post conference drinks is by name badge only.

Need Help?

For assistance or further information during the Congress, please go to the Registration Desk or ask an AETM Committee Member.

Transport

Complimentary bus transportation to and from the University of the Sunshine Coast will be provided for delegates staying at Novotel Twin Waters.

Public Transport

Sunbus runs regular bus services between various Sunshine Coast locations and the University's campus at Sippy Downs. For Sunbus routes and timetable information please call 13 12 30 or visit <https://translink.com.au>.

Parking

Daily and half-daily parking eTickets are available to students, staff, tenants and visitors to the campus and are available for purchase via one of the Ticketless Parking Meters located around campus. Choose from two options: 4 hours or less (A\$3 car; A\$2 motorcycle) OR more than 4 hours (A\$5 car; A\$3 motorcycle). Pay with coins, Mastercard or Visa. No notes accepted. No change given.

Wi-Fi at the University of the Sunshine Coast

Wi-Fi will be available throughout the duration of the conference using the below login credentials.

Username: **aconference**

Password: **8eeSIN**

Conference Management

Promaco Conventions as Conference Managers for the AETM Conference are pleased to welcome delegates to the Conference. We are positive you will find this a most rewarding experience. If we can be of any assistance please see a staff person at the registration desk.

Promaco Conventions

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