Featured Presenters
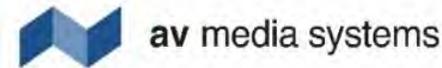# & Presentations

2016 'ICT by the Sea' Conference

Day 1

Mathilda Joubert — SCEA Institute of Teaching and Learning

Mathilda Joubert is an experienced teacher (primary and secondary), teacher trainer, business innovation consultant, policy maker and researcher – and also an advocate of lifelong learning, currently studying towards her sixth degree. She has advised over 500 schools internationally on school improvement, worked with Sir Ken Robinson in England and is the expert advisor for ACARA on Creative and Critical Thinking.

Presentation Title	Presentation Detail
Leading Creative Change	Leading improvement, innovation and change is one of the key roles of educational leaders, but how do we lead change creatively? In this workshop we will consider insights from the worlds of business and education, exploring the following topic: successful change ingredients, getting buy-in to new ideas, understanding why people resist change, strategies to unblock the blockers and balancing cycles of innovation.

Shane Entriken — Legalwise Seminars

Shane Entriken leads the Industrial, Employment and Occupational Health and Safety Law practice in Western Australia and works as part of our large national practice. He is Recommended by Doyles Guide to the Australian Legal Practice in Leading Employment & Industrial Relations Lawyers - Perth, 2016. He has over 20 years of experience working in the industrial relations, safety and employment sector. This includes experience in a top tier law firm environment as well as having held site, divisional and corporate leadership roles in industry for organisations such as Rio Tinto, Downer and BHP Billiton. Shane's unique mix of both in-house management and private practice experience means he is well placed to advise clients on the most complex and substantial of workplace issues. Shane prides himself on having a deep understanding of leadership, business and the law enabling him to provide commercial, pragmatic and leading edge solutions. He has been the trusted advisor to a number of major organisations including in the areas of complex and high risk litigation; management plans; and advising on critical incidents and investigations. In addition to the more complex matters, Shane can also advise clients on the important everyday employment issues, industrial relations matters plus discrimination and, health and safety concerns. Shane's seNices also extend to advising on mergers and acquisitions, major restructuring and change programs as well as board, remuneration, mobility, compliance and risk. Shane works across industries including Government and Local Council, Resources, Energy and Projects, Life Sciences, Education, Engineering and Contracting, Mining and Transport. Shane has contributed to the shaping of national legislation including making submissions to senate inquiries and the productivity commission. Shane holds a Bachelor of Business (HRM), a Juris Doctor in law and attended the Corporate Executive Board senior leadership program in London. He is a regular lecturer, speaker and author including being co-author of a book on the management of FIFO operations.

Presentation Title	Presentation Detail
Student Information Held by Schools: Privacy and Confidentiality Implications	• Privacy law obligations of schools • Managing matters in which parents seek information on their children during their time at school and after they leave school • Practical examples and case studies

Paul Watson — Prendiville Catholic College

An experienced and dynamic educator with a wealth of experience, Paul has a passionate interest in leading significant educational change, focussing on aligning 21st Century pedagogical shifts and motivating staff to improve student engagement and achievement. As a current Deputy Principal in the Catholic system and Co founder and Director of fusedteachingandlearning.com he has spoken on numerous topics surrounding 21st Century Education across the Catholic sector and at Edutech.

Presentation Title	Presentation Detail
The time for debate is over - 21st Century Pedagogy in schools is non negotiable for Generation Z.	This presentation is applicable to educational leaders, teachers and IT technical staff in school. The Industrial Revolutionary model of Education does little to meet the needs of today's students. It is antequated and does not engage the vast majority of students. This presentation is an overview of a massive topic and includes: * An introductory 3 minute video. * The question of whether or not 'Education is Broken.' * A very brief look at the current model of educational delivery and its downfalls. * The disconnect between what we know about how students learn and what we as educators actually do * Characteristics of Generation Z in today's world. * Why schools need to stop fearing technology. * What is the required reform required in schools. * Required Knowledge Domains of 21st Century Learners. * The need for schools to base themselves around 21st Century Pedagogy, modified Learning Spaces, Patsoral Care and an ICT rich culture. * How to forge ahead despite the resistance we see in our schools. Research quoted in the presentation is current and relevant.

Phil Casas — Comet Bay College

Phil has 3 decades of working with ICT in Secondary Schools, Microsoft Innovative Schools - Lead School, Presenter (PLI) - Leading a Digital School, STEM TDS

Presentation Title	Presentation Detail
Whole School STEM integration	This presentation explores the Federal and State STEM initiatives and the ability of schools to expand their horizons without adding huge workload.

Pete Brown — Serpentine Jarrahdale Grammar School

Pete Brown is a teacher of ICT and Year Coordinator at Serpentine Jarrahdale Grammar School. Pete is a passionate educator and innovator who embraces and integrates emerging technologies in teaching and learning.

Presentation Title	Presentation Detail
The challenges of the digital age!	The internet and mobile technology have given our kids incredible opportunities. But they they have also brought dangers into our homes - cyberbullying, pornography, sexting and worse. And technology is so appealing to kids it can be difficult to get them outside, to study and to sleep. Up until now, parental control software and school filtering has been complicated, expensive and simply ineffective. Family Zone is a comprehensive approach to online safety. It gives parents control over what kids are doing online, and whenever and wherever they are doing it.

Salv Casilli — St Anthony's School, Greenmount

Salv has been a teacher since 1987 and has held the positions of Acting Principal and Assistant Principal at various catholic and state schools. He is currently a Year Four and Key ICT teacher at St Anthony's School in Greenmount. Salv has a deep interest in embedding ICT within the curriculum utilising the SAMR model whilst integrating Hattie's Visible Learning.

Presentation Title	Presentation Detail
A Journey of Integrating ICT into the Curriculum - Our Story	St Anthony's School, Greenmount is located in the Perth Foothills. It is a double streamed school which has always had technology as part of the school curriculum. The school had a fully equipped Computer lab; each class had an Interactive White Board and digital cameras were available. Essentially ICT was seen to a large extent as a separate learning area. In 2013, I was asked to explore the viability of integrating iPads into the school curriculum. At this stage I had not even touched an iPad. My journey into the world portable learning devices had begun. From these humble beginnings, St Anthony's is well into a journey of integrating ICT across the curriculum. During this journey the community and staff has been increasingly engaged. From infrastructure to pedagogy, I am happy to share our journey with you, which at times has not always been smooth.

Day 1

Jason D'Argent & Daniel Joyce — Comet Bay College

Jason D'Argent - Level 3 classroom teacher, Instructional Advocate, ICT evangelist, Google educator
Daniel Joyce - Year 10 Student ..... resident genius, ICT PL presenter

Presentation Title	Presentation Detail
Student led Technical Support - The iComet Genius Bar	Jason and Daniel will outline Comet Bay's Genius Bar - first level Technical support for staff and students

SolutionsIT

Solutions IT is an IT services and systems integration company that has been solely operating in the Education Sector in WA for over 18 years. It has earned a reputation for being reliable, efficient and having relevancy and credibility in the education space.
With over 18 years' experience working solely across the K-12 education market you can be assured that we understand the needs, requirements and financial constraints that today's school operate within – our commitment is to provide significant value across your teaching and learning environment whilst taking the hassle of IT away.

Presentation Title	Presentation Detail
Managing iPads in 2017 - Apple School Manager, Classroom app and sh	Deploying iPads just got a whole lot easier. Come and get hands on with Apple School Manager and MDM, see iPads set themselves up automatically, experience the new Classroom app that helps teachers guide learning in the classroom and the new shared iPad feature that allows students to share devices and still have a personalised experience.

Margot Smithwick — SoftwareOne

Margot Smithwick is a Microsoft Certified Professional in Volume Licensing who heads up the SoftwareONE education business throughout Australia. Considered to be a "Trusted Advisor" by Academic customers, Margot's had 19 years' experience managing the various Microsoft agreements along with other vendor programs for the K-12 sector. Customers can be confident that Margot's knowledge of these agreements and the specific product licensing requirements is second to none.

Presentation Title	Presentation Detail
The Best Kept Secrets of Software Licensing	

Sezai Komur — Anittel

Sezai Komur has been working with SharePoint in Perth for over 12 years. Sezai has been recognised by Microsoft for his community contributions related to SharePoint and has received a total of six Microsoft MVP awards for his work in technical communities promoting the use of Microsoft technologies and helping people to learn about and make use of SharePoint.

Megan Townes — Microsoft

Megan Townes has worked as a primary, English, and computing teacher. She is passionate about working with teachers to help them integrate technology into their classrooms. Megan currently works with Microsoft as the NSW Teacher Ambassador where she works with teachers to help them build ideas and strategies for using technology in their classrooms to engage and motivate students.

Presentation Title	Presentation Detail
What's new with Microsoft?	Explore the latest and greatest offerings that Microsoft have to offer in education. See the Microsoft Classroom LMS in action, plus Planner, Forms and more Office 365 opportunities.
Analyse this with Forms and Office Mix	While Microsoft Forms and Office Mix for PowerPoint are great tools to use in the classroom for quizzes, surveys, and content delivery, they are also powerful tools for school leaders to use for training and communication. Discover how Forms can be used to survey staff and the school community efficiently without the hassle of paper forms or account creation. Explore how Office Mix for PowerPoint can be used to deliver training or communication to staff while analysing individual staff interaction with the content. These two tools will change your work flow and efficiency for the better.

SolutionsIT

Commbox - brought to you by Solutions IT
Nicholas Hall has been working with CommBox for over 17 years. Nicholas' background was initially within the finance industry - changing to Audio Visual and Information Technology shortly after moving to Australia in 1997. Nicholas was initially responsible for research & development at CommBox, and is now the organisation's CEO

Presentation Title	Presentation Detail
From Interactive White Board to LED Touchscreen	Observing how technology has shifted from the days of IWB and projectors, through to the interactive projector and now LCD and LED Touchscreens. We will cover worldwide trends and look at how schools can and have grown with this evolution in technology. In this presentation we will be observing how technology has shifted from the days of IWB and projectors, through to the interactive projector and now LCD and LED Touchscreens. We will cover worldwide trends and look at how schools can and have grown with this evolution in technology. - Background of IWB - Challenges schools had with IWB technology - Interactive Projector - Benefits of LED Touchscreens - Different types of touch technologies - Current worldwide trends in classroom presentation technology - Future developments in touch technology

David Wain & Sam Singh — Data#3 & VMWare

Presentation Title	Presentation Detail
Transforming Education for Next Gen: The Anywhere Classroom	The Anywhere Classroom is about taking Technology out of the Way of Learning and realizing the vision of Anywhere, Anytime learning in a safe and secure environment. This mobility vision is enticing but providing a seamless, and productive environment for educators and learners is proving a challenge. In this session, we will explore how VMWare / AIRWATCH is helping to get technology out of the way in a BYOD context. We will show you how this technology can help you provide a balance between the need for flexibility to enable self-directed learning, and the need to manage productivity and duty of care. David Wain – Data#3 - National Practice Manager – Education Brendon Smith – CareMonkey - Vice President Sales - ANZ Getting instant access to important medical and emergency contact information is a critical component to a School's duty of care to Students. This can be a challenge when Students are outside the confines of the traditional Classroom. CareMonkey is an innovative Australian company providing schools with a digital solution that eliminates paper forms and provides secure access to up to date medical information anywhere, anytime. Hear how CareMonkey is working with hundreds of Schools to provide a safer student environment and eliminate the administrative headaches associated with consent forms.

Day 2

Hugo Van Niekerk — Mazenod College, Perth

I have 20 years of ICT Management and Support experience in various industries in Africa and Australia. Of that 20 Years, I spent 3 years as a dedicated Risk Management, Information Security consultant and Technologist. The last 8 years I spent aligning technology to business processes in the education sector.

Presentation Title	Presentation Detail
Design, Build and Test a School Environment - Design	Spanning 4 sessions on Day 2, Hugo will be focussing on four phases of building a school infrastructure environment. Starting with the design phase he'll be looking at important considerations when designing the ICT environment. Then, he's actually going to build the environment in accordance with the results of the design phase. Once built, Hugo will then talk about the measuring, monitoring and bench marking of the environment. Hugo's final part of the presentation will be taking it to the cloud and moving services onto cloud providers.

Alison Welsh & Jodie Rybicki — Harvey Norman Mac1

Presentation Title	Presentation Detail
Moving Digital Playground Adventure with Jalison	Be prepared for serious fun combined with a plethora of ICT tools used to investigate, create, solve problems and communicate. Teams will be using ICT tools to complete challenges, collaborate and participate in friendly competition. We begin the workshop with all the skills and information your group will need to complete the tasks then set you free! The consolidation session in the afternoon includes more useful animation apps, green screen and movie creation. Each tool is used in a context for learning and links to the curriculum will be provided. Participants will explore the 21st CLD skills of collaboration, real world problem solving and innovation, knowledge building, skilled communication and self-regulation while increasing their use of ICT for learning. We invite participants to come along, have some fun, learn some relevant skills and share your passion for teaching and learning. Due to the collaborative nature of this workshop we ask that participants commit to the full 4 sessions. There are prizes for the winning team! Jodie and Alison are qualified, experienced teachers, Apple and Microsoft accredited and passionate presenters for Harvey Norman Business and Education MAC1

Mathilda Joubert — SCEA Institute of Teaching and Learning

Mathilda Joubert is an experienced teacher (primary and secondary), teacher trainer, business innovation consultant, policy maker and researcher – and also an advocate of lifelong learning, currently studying towards her sixth degree. She has advised over 500 schools internationally on school improvement, worked with Sir Ken Robinson in England and is the expert advisor for ACARA on Creative and Critical Thinking.

Presentation Title	Presentation Detail
Teaching creatively or teaching for creativity?	ICT teachers are expected to embrace creativity and innovation, but do we teach creatively or for creativity? Teaching creatively is important. It involves using a range of imaginative strategies to engage students in learning. But it is not enough. We also need to teach for creativity, which involves teaching in such a way that we purposefully develop students' creative thinking skills through the way that we teach. This does not happen by accident; it needs to be planned. In this workshop we will explore how primary and secondary teachers can embed teaching creatively and teaching for creativity in their classrooms through a range of practical strategies.

Stephen & Jennifer George — Carmel School

Stephen George, Head of Mathematics, Carmel School; Jennifer George, Mathematics Teacher, Carmel School

Presentation Title	Presentation Detail
The Time Machine. Teaching Maths in the 21st Century.	We will be examining the plan that we have for next year, teaching by blended learning initially in Years 5 to 8 and allowing all students to work at their own pace. We mean this literally in the sense that we will allow them to complete years both ahead of, and behind, time.

Gabrielle Trinca — Catholic Education Western Australia

Gabrielle is a Digital Learning Consultant at CEWA. Gabrielle has presented at multiple conferences and events over the years and is a foundation member of the TeachMeet WA group. Gabrielle's work as a Digital Learning Consultant when delivering professional development to schools is in high demand and she has expertise in 1:1 and shared device classrooms. She understands the pedagogical impact and principles behind contemporary learning spaces and is comfortable using various technological platforms (Apple, Google, Microsoft etc). Gabrielle is currently studying her Masters of Education with a focus on Knowledge Networks and Digital Innovation.

Presentation Title	Presentation Detail
Designing Spaces For Learning	This session is designed to extend understanding of the complex relationships between space, place and learning pedagogies in the design of innovative, adaptable spaces for learning. We will challenge traditional assumptions in order to understand ways to transform the design of the learning environments.

Datacom — Datacom

Presentation Title	Presentation Detail
Immersive Technologies: will they be a game changer in Education?	The digital world is growing exponentially, so too is our dependence on the technology to improve the world around us so that everything runs efficiently, effectively and NOW! In this thought provoking session, participants will learn through a visual presentation and exploration of technology how all that VR, AR, Data Modelling and Coding can become a game changer in this Century, not the next.

Claire Cooper — Santa Clara Primary School

Claire Cooper is the Year Five teacher at Santa Clara Primary School. Claire has held such roles as Key Teacher of ICT within various school environments, as well as, being an Exemplary Educator of ICT with the Digital Learning Team at CEWA. These positions have allowed her to work closely with colleagues to share her passion for educational technologies. Claire enjoys working in contemporary, 21st century classroom with a focus on project based learning.

Presentation Title	Presentation Detail
Breakout Challenge!	In this session, we will explore a Breakout game. Breakout is a game where a small group of educators will have up to 45 minutes to complete a series of challenges, reveal clues and unlock mysteries in order to win the game. Problem based learning skills and cooperation are the keys to success in this session, making this an outstanding addition to any classroom setting. Learn more at

Justin Kirry — Our Lady's Assumption School

Justin is a primary school teacher and has been working within the Catholic Education sector since 2009. He holds a Bachelor of Education and Master of Business Administration. Justin's Master's dissertation was on Change Management, specifically focusing on the integration of SMART Boards in the classroom and the teacher's pedagogical change to incorporating the technology change. Currently Justin is a Year 4 teacher in a GAFE school, where students have access to 1:1 Chromebooks.

Presentation Title	Presentation Detail
3D printing using TinkerCAD	This session is an introduction to 3D printing in the classroom. Using a FREE web-based program that seamlessly integrates with Google Classroom. This allows the teacher to set a task and students can submit it online. The session will touch on 3D printing, how to setup a teacher's account, how students create an account and the DOs and DON'Ts of 3D printing in the classroom. Please bring a device to

Day 2

Kieran Bailey — Great Southern Grammar

The Great Southern Grammar IT team has a passion for all things tech. All with our own different backgrounds and skill sets, as a team we love engaging in discussion on social, cultural and political issues and problems affecting Education and EduTech. In our spare time we work together to maintain a public facing Minecraft Server which allows us to continue challenging ourselves.

Presentation Title	Presentation Detail
Minecraft: Building future leaders	We'd like to present on Minecraft in Education and our experiences with it. We maintain a safe Minecraft Server that our students can connect to after hours, as well as extra curricular Minecraft clubs in our Junior School and Middle School. Students work together either individually or in teams to plan and produce building projects. Our presentation will demonstrate what our students have achieved and how we have guided them in this. We will also introduce and interactive component to the presentation, allowing teachers, leaders and support personal who have not used the game the opportunity to play and build and get an understanding on why the game is so popular and what the attraction is for our students. We'd also love the opportunity to hold a 'meet up' on the evening of Day 1 or Day 2. This could be in the form of a 'LAN Party' event where attendees can bring their own laptop with Minecraft installed and connect to our public facing server to play the game. The 'meet up' would also give any technical staff or teachers interested the opportunity to ask questions about the technical and practical rollout to our students.

Brad Ford & Gabrielle Trinca — Catholic Education Western Australia

Gabrielle Trinca is a Consultant in the Digital Learning group at Catholic Education WA. http://www.gabrielletrinca.com/about.html
Bradley Ford is the coordinator of ICT Consulting at Catholic Education WA and works with schools on the technical, logistical and management of school ICT environments.

Presentation Title	Presentation Detail
LEADing a Digital School	In 2016, leaders and aspiring leaders face challenges that are sometimes new and even confronting when making decisions on how to embrace anything digital at their school. The purpose of this workshop is equip you with the knowledge to lead a digital school by asking LEADing questions and talking about 21st century schooling – A complex context. Join Gabrielle and Bradley on a fun, but serious walk through the 10 essential ingredients of a Digital School. This session is designed for aspiring leaders in schools, and anyone who may like to understand some of the larger contextual issues that can affect decision-making and explain some of the compromises that are sometimes necessary.

SolutionsIT

Ben Bran (Regional Senior Security Engineer & myself) will present - Gary Steenkamp Regional Sales Manager

Presentation Title	Presentation Detail
Solving the Major Challenges in Higher Education Wireless	Addressing the Main topics of • Mobility • Connectivity • Latency • Capacity • Interoperability • Security • Simplicity And the impact on Education

Tom Goeke — Cisco

As director of Cisco's Australia-based Innovation Center, Tom Goerke manages all activities at one of Cisco's nine global facilities for accelerating opportunities, deepening relationships, and fostering innovation in the areas of digital transformation and IoT, and rapid prototyping. Based in Perth, the Australia Innovation Center is specifically tasked to work with Australian entrepreneurs and startups to take an accelerated approach to digital transformation and help organizations improve business outcomes by integrating, creating, testing and validating technology solutions.
Prior to assuming his current position in January 2016, Mr. Goerke was business development manager at Cisco for ten years. Previously, he held the same position with THISS Technologies, a satellite communications service provider. Earlier in his career, he held senior management positions with ICO Global Communications; Inmarsat; Digital Communications Group UniSA; and Microbyte SA.
Mr. Goerke holds patents in the following fields: Radio Network Assignment and access system; Communications apparatus and method; Multiple service user terminal; User terminal positioning system and method employing external signals (co-held); providing web access to users in a vehicle (co-held); rechargeable battery control device.

Day 3

Bhavneet Singh — AISWA

Bhavneet is the Technologies Curriculum Consultant at the Association of Independent Schools of Western Australia (AISWA).
@bhavneetsingh12

Presentation Title	Presentation Detail
Implementing Technologies Curriculum in WA Schools	In 2015, WA released the new Technologies curriculum which includes Design & Technologies and Digital Technologies subjects. Now schools need to understand it and establish what it means for them and how they are going to teach it. In this session Bhavneet will be unpacking and interpreting the curriculum. She will discuss how to fit it into the existing teaching and learning programs and look at the ideas of systems, design and computational thinking. Attendees will leave with supporting materials and pedagogies to take back to their school.

Day 3

Neil Grey — Sacred Heart College

Neil Gray has a background in engineering and has been teaching for 13 years at Sacred Heart College.
Since starting teaching Neil has been instrumental in developing STEM/STEAM programs at the College with a focus on Project Based Learning. He has taken a leading role in curriculum development for Engineering Studies in WA.
This year Neil has received a State Award for his work in innovative STEM teaching through the National Excellence In Teaching Awards and was a National award finalist.
Neil was recently selected to present at a conference at Tufts University in Boston on using Lego Robotics in STEM projects.
He is a committee member for Robocup WA and technical advisor for RCJA.

Presentation Title	Presentation Detail
STEM, STEAM, e-STEAM and PBL - what is going on?	In this presentation we will be reviewing the status of STEM education and discuss possible directions that are becoming evident in the US. We will be looking at several projects that are being implemented at Sacred Heart College that implement STEM activities follow a Project Based Learning approach. Projects will be featured that use Lego Mindstorms, littleBits and Arduino based hardware utilising coding, 3D printing and CAD manufacturing techniques.

Glen Olsson — Comet Bay College

Glen Olsson is a D&T Teacher, craftsman, and Robotics Geek.

Presentation Title	Presentation Detail
PICAXE Robots	Intro to the PICAXE microprocessor. Plastic parts - 3D printing and laser cutting Simple coding Robot expansion - IR, heat / light / humidity sensing, line following, bump switches etc

Adam Smith — CyberHound

Presentation Title	Presentation Detail
The State of the Internet in Australian schools	An insight into the use of the internet in Australian schools along with a review of some of the latest security risks to your networks today. We will further explore some statistics and use cases that will assist to "right size" your internet links moving into the future.

Maddie Ciullo — Our Lady's Assumption School

Maddie is a primary school educator, who has been teaching within Catholic Education since 2013. She has taught in the upper grades since receiving a Bachelor of Education (Primary). Maddie currently teaches in a GAFE (Google Apps for Education) school, in a Year 5 classroom with 1:1 iPads. She enjoys exploring new ways to incorperate technology into the current curriculum and the classroom, with the aim of empowering her students to become independent learners.

Presentation Title	Presentation Detail
Google Classrooms: A 'real' classroom guide	This session is an introduction in how to implement Google Classrooms into the upper primary grade levels (ideally Year 4-6). Exploring how to use it for management, communication and assessment purposes across all learning areas. This session will allow teachers to setup their own Google Classroom and investigate the benefits and challenges of adopting this tool. Please bring a device to create your own Google Classroom & explore.

David Wain & Brendon Smith — Data#3 & CareMonkey

Presentation Title	Presentation Detail
Simplifying Student care approval processes.	Getting instant access to important medical and emergency contact information is a critical component to a School's duty of care to Students. This can be a challenge when Students are outside the confines of the traditional Classroom. CareMonkey is an innovative Australian company providing schools with a digital solution that eliminates paper forms and provides secure access to up to date medical information anywhere, anytime. Hear how CareMonkey is working with hundreds of Schools to provide a safer student environment and eliminate the administrative headaches associated with consent forms. Getting instant access to important medical and emergency contact information is a critical component to a School's duty of care to Students. This can be a challenge when Students are outside the confines of the traditional Classroom. CareMonkey is an innovative Australian company providing schools with a digital solution that eliminates paper forms and provides secure access to up to date medical information anywhere, anytime. Hear how CareMonkey is working with hundreds of Schools to provide a safer student environment and eliminate the administrative headaches associated with consent forms.

Alison Goodall & Christina Habib — Penrhos College

Alison is a Digital Technologies Teacher at Penrhos College. She has been working at the school since July 2016. Before this she worked at the International School of WA and several schools in the UK. Alison is experienced in a wide range of subject learning areas and is dedicated to integrating ICT into the classroom to improve learning outcomes.

Presentation Title	Presentation Detail
Bring Learning to Life	This practical presentation will provide you with: - Ideas for incorporating Augmented Reality into the classroom using Aurasma. - Examples of how it can be used within different subjects and age ranges. - Hands on experience of innovative technologies. Attendees are encouraged to bring their own devices. Smart phones will need the Aurasma app and a QR reader installed.

Peter Trot & Sally Lewis — Comet Bay College and Sally Lewis Consulting

Presentation Title	Presentation Detail
Engaging Girls in ICT/ Engineering	This presentation follows the initiative of the Design and Technology Learning Area at Comet Bay College who have aimed to increase girls selecting elective units. This talk will focus on improving current practices in Engineering Studies – Mechatronics , The course incorporates a wide variety of ICT and technology ranging from coding, CAD, rapid prototyping (3D printer, Laser and plasma cutting).

Day 3

Drew Mayhills   Shenton College

Drew Mayhills is Technology Innovation Coordinator at Shenton College, where he teaches English, Multimedia and Information Technology. He is passionate about building staff capacity in ICT through peer coaching and targeted professional learning. A Google Certified Educator and Adobe Education Leader, Drew is currently completing a M(Ed) by Research investigating the relationship between ICTs and pre-service teacher wellbeing.

Presentation Title	Presentation Detail
Sounds That Electronic Artists Make: Teaching STEAM using Ableton Live and Push.	At the heart of Australia's emergent STE(A)M education vision is the idea of a fluid environment where learning no longer occurs in separate 'silos' separated by subject area. Students need to be immersed in exciting learning contexts where their creativity, collaboration and positive risk-taking are as valued as their ability to apply their understandings of traditionally isolated disciplines. In addition, the tasks we set for our students need to be relevant, authentic and, most importantly, heaps of fun. Through an entirely improvised live electronic musical performance, Drew will demonstrate and discuss how the innovative Electronic Music Production curriculum he has led through his elective, STEAM: Sounds That Electronic Artists Make. The unit is a national first in terms of innovation and reflects a unique partnership between Shenton College and Ableton, a Berlin-based music production company fast whose Live and Push products are fast becoming the industry-standard for music production. Members of the audience will be invited to participate in making music using Live and Push during the course of the presentation.

SolutionsIT   SolutionsIT

Craig Tucker - Solutions IT / Andrew Packham - Solutions IT
Craig is the CTO of Solutions IT with over 40 years experience in the ICT industry
Andrew is a Senior Systems Engineer with Solutions IT specialising in virtualisation and cloud technologies

Presentation Title	Presentation Detail
Identity Management and Cloud Backup solutions for schools	Schools are now using more and more onsite and cloud based applications and platforms. The creation and management of users across this array of platforms is complicated and time consuming. This presentation investigates solutions around MIM2016

Megan Pusey   Scitech

Megan Pusey is a high school physics teacher who enjoys playing video games in her spare time. She experiments with using video games (such as MinecraftEdu, Portal 2 and Contraption Maker) and game-based learning in her classroom. Megan has presented about her work at the PAX Australia conference, TeachMeets and the Future Science conference. Megan is currently working with teachers across the state as part of the Professional Learning team at Scitech.

Presentation Title	Presentation Detail
Using Video Games in the Classroom	This presentation will explore: -What is game-based learning? -How can I use video games in my classroom as an educational tool? -How can I get started (even if I have no money!)? We will be looking at: -Universe Sandbox (free for schools) -Contraption Maker (free for schools) -Minecraft (paid) -Osmos (free demo)

Stephen Payne   Standout Education

Steven runs Standout Education, a Perth-based business helping schools and colleges to enhance learning and teaching with technology. A Western Australia registered teacher of Mathematics and ICT, he has also worked as an education consultant, both in Australia and in the UK, supporting schools and jurisdictions to make effective use of ICT and improve learning outcomes.
Steven is currently working with a number of schools on implementing Microsoft Office 365 for Education, helping to improve communication and collaboration.
Steven is also experienced in using ICT creatively across curriculum areas and runs engaging workshops for staff and students, incorporating a range of ICT activities including robotics, animation and multimedia.
For further information about Steven Payne, and Standout Education, please visit: http://standouteducation.com.au/

Presentation Title	Presentation Detail

Stephen will run sessions 8, 9 and 10. STEM, STEAM, e-STEAM and PBL - what is going on?, Digital Ink, OneNote and Microsoft Classroom and Flipped and Blended Learning with Mix, Sway and Forms .

2016 'ICT by the Sea' Program

Day 1		Preston A	Preston B	Preston C	Burney	Culver
	9:00	Registrations				
	10:00	Morning Tea - Sponsors Area				
	10:20	Welcome - Darryl Watson				
	10:30	Opening Address				
	10:40	Leading Creative Change - Mathilda Joubert - SCEA Institute of Teaching and Learning				
	11:40	Lunch - Sponsors Area				
Session 1	12:40	Global Megatrends ; An industry perspective. - David Hollands - HP	What's new with Microsoft? - Megan Townes	Managing iPads in 2017 - Apple School Manager, Classroom app and shared iPads - SolutionsIT	A Journey of Integrating ICT into the Curriculum - Our Story - Salv Casilli	Student Information Held by Schools: Privacy and Confidentiality Implications Shane Entriken - Legalwise Seminars
Session 2	13:30	The challenges of the digital age! - Pete Brown	Analyse this with Forms and Office Mix - Megan Townes	The Best Kept Secrets of Software Licensing - Margot Smithwick - SoftwareOne	The time for debate is over - 21st Century Pedagogy in schools is non negotiable for Generation Z. - Paul Watson	TBA - Sezai Komur - Anittel
Session 3	14:20	Information Visibility and Behavioural Awareness For Education - Michael Ferguson	Transforming Education for Next Gen: The Anywhere Classroom - David Wain & Sam Singh - Data#3 & VMWare	From Interactive White Board to LED Touchscreen - SolutionsIT	Whole School STEM integration - Phil Casas	Student led Technical Support - The iComet Genius Bar - Jason D'Argent & Daniel Joyce
	15:10	Afternoon Tea - Sponsors Area				
	15:30	From the School to Success - Darryl Watson & Mark Shelton				
	16:30	Networking and Drinks - Sponsors Area				

Day 2		Preston A	Preston B	Preston C	Burney	Culver
Session 4	8:40	Immersive Technologies: will they be a game changer in Education? - Datacom	Design, Build and Test a School Environment - Design - Hugo Van Niekerk	Moving Digital Playground Adventure with Jalison - Alison Welsh & Jodie Rybicki - Harvey Norman Mac1	The Time Machine. Teaching Maths in the 21st Century. - Stephen & Jennifer George	Designing Spaces For Learning - Gabrielle Trinca
	9:30	Morning Tea - Sponsors Area				
Session 5	10:00	Sharepoint in our School - Rob Barough	Design, Build and Test a School Environment - Build - Hugo Van Niekerk	Moving Digital Playground Adventure with Jalison - Alison Welsh & Jodie Rybicki - Harvey Norman Mac1	TBA - Lisa Blackwood - Tesserent	Breakout Challenge! - Claire Cooper
Session 6	10:50	Devices for schools - assessing and deploying - Datacom	Design, Build and Test a School Environment - Benchmark - Hugo Van Niekerk	Moving Digital Playground Adventure with Jalison - Alison Welsh & Jodie Rybicki - Harvey Norman Mac1	3D printing using TinkerCAD - Justin Kirry	Teaching creatively or teaching for creativity? - Mathilda Joubert
	11:40	Lunch - Sponsors Area				
Session 7	12:40	Minecraft: Building future leaders - Kieran Bailey	Design, Build and Test a School Environment - Integrating The Cloud - Hugo Van Niekerk	Moving Digital Playground Adventure with Jalison - Alison Welsh & Jodie Rybicki - Harvey Norman Mac1	Solving the Major Challenges in Higher Education Wireless - SolutionsIT - SolutionsIT	LEADing a Digital School - Brad Ford & Gabrielle Trinca
	13:30	Afternoon Tea - Sponsors Area				
	14:00	Innovation for the future - Tom Goeke - Cisco				
	15:00	IT Managers Meeting	TeachMeet			

Day 3		Preston A	Preston B	Preston C	Burney	Culver
Session 8	8:30	STEM, STEAM, e-STEAM and PBL - what is going on? - Neil Grey - Sacred Heart College	The state of Wi-Fi in education and it's impact on digital learning' - - Dell	Implementing Technologies Curriculum in WA Schools - Bhavneet Singh	Simplifying Student care approval processes. - David Wain & Brendon Smith - Data#3 & CareMonkey	Google Classrooms: A 'real' classroom guide - Maddie Ciullo
Session 9	9:20	Digital Ink, OneNote and Microsoft Classroom - Stephen Payne - Standout Education	Information Visibility and Behavioural Awareness For Education - Michael Ferguson	TBA - Andrew Johnstone - Aruba Networking (HPE)	The State of the Internet in Australian schools - Adam Smith - CyberHound	PICAXE Robots - Glen Olsson
	10:10	Morning Tea - Sponsors Area				
Session 10	10:40	Flipped and Blended Learning with Mix, Sway and Forms - Stephen Payne - Standout Education	"Sprouting" new ideas for STEM ; Augmented reality & Immersive Compute - David Hollands	Engaging Girls in ICT/ Engineering - Peter Trot & Sally Lewis	Sounds That Electronic Artists Make: Teaching STEAM using Ableton Live and Push. - Drew Mayhills	Simple Integrated Infrastructure delivered by Dienst, Veeam and Nimble Storage. - NimbleStorage
Session 11	11:30	Touch Develop + Makey Makey – using Digital Technologies for game creation. - Stephen Payne - Standout Education	Identity Management and Cloud Backup solutions for schools - SolutionsIT	Protecting students via the simplicity and safety of Cloud Managed IT - Sean Thompson - Cisco Meraki	Bring Learning to Life - Alison Goodall & Christina Habib	Using Video Games in the Classroom - Megan Pusey
	12:20	Lunch - Sponsors Area				
	13:20	Are you ready for disruption? - Dr Jim Mullaney - Curtin University				
	14:20	Prizes and Closing				