

MIND THE GAP

Supporting 21st Century Learning

Technology Conference 2018 | Takapuna Grammar School | Friday 6th April

CONFERENCE OVERVIEW

Over the last decades, innovation, tenacity, curiosity and creativity have become critical components to designing new products that survive in a competitive market. Companies which have met the challenge throughout the journey are those who are the most creative and innovative. They use innovative concepts as a point of departure to launch exciting inventions with a unique application, product or service for themselves. They create something new and better. They leverage their creativity and their innovative capabilities to attain sustainable success. How are we able to 'Mind the Gap' within Technology education and create links and scaffolding for our students as they negotiate careers of the future that are still evolving.....

PROGRAMME:

TIME	LOCATION	EVENTS
0800	PB Central Space	Registration, coffee & tea, snacks, mix & mingle.
0850	Hall	Welcome by Carol Bashford & Technology team
0905	Hall	Icehouse - Andy Hamilton - Keynote speaker
0940	Hall	University of Auckland - Ann McGlashan
1015	<i>Session 1</i>	
	PB68	Pop Up Globe Costume Dept - Chantelle Gerrard
	Library	Food politics - Dr Tracey Berno, AUT
	PB72	Unitec - Yusef Patel and Alice Couchman
	Library	Lewis Road Creamery - Peter Cullinane
	PB73	Scratchpad - Vijesh Nangia
1115	Library	Morning Tea & Displays
1155	<i>Session 2</i>	
	PB68	Pop Up Globe Costume Dept - Chantelle Gerrard
	Library	Food politics - Dr Tracey Berno, AUT
	PB72	Jasmax - Jun Tsujimoto
	Library	Food and the Senses - Suzanne Bliss, AUT
	PB73	Scratchpad - Vijesh Nangia
1255	PB Central Space	Networking, Displays and Lunch
1340	Hall	Entrepreneur Mentor - Sandy Geyer

KEYNOTE & SESSION PRESENTERS:

Andy Hamilton, Icehouse

Andy Hamilton is CEO of The Icehouse which is a New Zealand organisation focused on unleashing the potential of Kiwi business owners and entrepreneurs. The Icehouse works with startups, investors, owners of Kiwi SME and their staff together with advisors, supporters and their families to enable this potential to be achieved. Andy is active in entrepreneurship as a member of angel investment network ICE Angels, and is an investor in the Icehouse's investment funds. He is a direct shareholder in Blue Frog Breakfast and FaceMe, the latter of which he is also a director.

New Zealand is a country of small and medium-sized enterprises (SME). The Icehouse was founded in 2001 in recognition of the importance of this sector to the NZ economy. We're committed to creating a high performing New Zealand economy where ideas and businesses thrive. We believe that to unleash the economic potential, we need to lift the capabilities and aspirations of owners, entrepreneurs and people who run startup and SME businesses to enable them to take the business forward.

Since 2001, we have worked with over 5,000 ambitious owner-managers and entrepreneurs. On average our established businesses grow revenue by 12% every year, meaning they grow 2.5x faster than the average NZ business. Our startups have collectively created over 900 jobs, raised more than \$117m in funding and have generated over \$325m in revenue. The Icehouse is owned by a not-for-profit trust ([The ICE Foundation](#)) and backed by the financial support and expertise of the New Zealand government and an extensive group of committed partners that includes: Bank of New Zealand, Callaghan Innovation, Xero and our founder The University of Auckland Business School.

www.theicehouse.co.nz

Yusef Patel and Alice Couchman, Unitec

Technology and prefabrication are disrupting the architecture industry - so Unitec Architecture Lecturer Yusef Patel is grabbing every chance he can to ensure his students are prepared for this new reality. Since joining Unitec in early 2016, Patel has worked with students on several prefabrication projects involving external organisations. One involved designing and building a prototype house in five weeks, in conjunction with Carter Holt Harvey and PrefabNZ. Alice Couchman was one of the 11 female students who created a 10m² prefabricated house using plywood, laminated veneer lumber, and a CNC cutting machine. They exhibited the prototype at the BuildNZ/Designex expo.

www.unitec.ac.nz

Jun Tsujimoto, Jasmx

Jun has 10 years' design experience gained both here in New Zealand and in Japan. During this time he has amassed an impressive track record of award-winning work including work done as part of the design team responsible for the Sir Paul Reeves building.

Expanding on the success of the Sir Paul Reeves building Jun has been design lead for AUT University's new Engineering Science and Technology building. He is also currently the project architect for the Waikato Regional Theatre which seeks to act as a catalyst for transformational change for the city of Hamilton.

Jun has a passion for civic and public projects, and has been a member of the 'City Rail Link Creative Studio', a multi-disciplinary collaborative studio comprising of Mana Wheunua, Alt Group, Design Tribe, Grimshaw Architects, Jasmx and Auckland Council's arts and culture unit. The creative studio's task has been to design the integration of cultural expression within the CRL Stations.

More recently, Jun was also a key member of the competition-winning design team for the New Zealand pavilion at Expo 2020 Dubai.

Jun has also exhibited work internationally. At the 2009 Shenzhen/Hong Kong Bi-City Biennale of Urbanism/architecture, Jun exhibited a pop up paper installation that staged a communal dining experience for strangers in various parts of the city.

Whilst in Japan, Jun worked for renowned architecture practice Nobuo Araki / Archetype. During this time he gained valuable experience working on multi-unit residential projects and consulting to global retail brands, taking their brand concept into a cohesive spatial strategy. Projects at the Archetype include a 26m² store for fragrance brand retaW, and a pop up boutique concept store in a basement carpark.

www.jasmx.com

Peter Cullinane - Food Technology

Lewis Road Creamery is a boutique New Zealand dairy company. They produce a range of milk products, including varieties of milk, cream, ice cream and butter. The company is best known for its brand of chocolate milk, in conjunction with Whittakers chocolate which in 2014, sparked a frenzied, nationwide shortage.

"If you're going to set out to make the world's finest dairy from a converted shipping container in the Bay of Plenty, it goes without saying you're not taking the most conventional route. But conventions have never been something we've been much of a fan of anyway."



Chantelle Gerrard, Head of Costuming - Pop up Globe

"Chantelle Gerrard's medieval costuming is admirably detailed and satisfying. Rich brocaded velvet and cherry-and pumpkin-coloured leather armour stand out among duller tones: it's like earth and midnight sky punctuated with silver stars. Flashy white-gold satin coronation robes neatly show up the Macbeths as parvenus." Janet Mcallister, NZ Herald

Chantelle Gerrard is currently the Head of Wardrobe for the Pop-up Globe, and designer for their 2018 season of The Merchant of Venice and Macbeth. Her past designs for Pop-Up Globe include Romeo and Juliet, Much Ado about Nothing, Othello and Around the Globe in 60 Minutes. Chantelle has also overseen the costume production of all in-house productions that the theater has produced since its inception in 2015.

In 2016 Chantelle Designed 'Mary Stuart' in London and was Wardrobe Supervisor for 'Billy Elliot' in Auckland. Her career in costume spans 20 years and has included making costumes for Game of Thrones, constructing space suits for 'The Martian', Costume Design for the feature film 'Insatiable Moon', as well as the Design and construction for all of Tim Bray's Productions from 2006 -2009.

Her interest and research into historical costume has seen her work in New Zealand, Ireland and the United Kingdom in this field, and it is this passion that lead her to her role.

Ann McGlashan, Auckland University

Ann McGlashan is a Senior Lecturer in the [School of Curriculum and Pedagogy](#), Faculty of Education. She currently lectures in the pre-service primary and secondary programmes for the learning area of Technology in the New Zealand curriculum and Design & Visual Communication. Ann was one of the first women in New Zealand to train to teach and assess design technology (hard materials) by first training towards an architectural draughting qualification, via a building cadetship and then running her own contract architectural and interior design draughting business. Ann's ongoing postgraduate studies have gained her a masters degree in Art & Design with a focus on the way designers carry out their creative process. Her current research continues this theme to explore and identify underlying theory and strategies towards educating for a creative response.

Suzanne Bliss, AUT University - Food and the Senses

Suzanne Bliss is a Senior Lecturer at AUT University within the School of Hospitality & Tourism. Her unique combination of qualifications, as a chef with a Master of Science (Food Science, First Class Honours), has served well in development and delivery of Food and the Senses, a core paper in the Bachelor of Arts (Culinary Arts), Diploma in Culinary Arts and Diploma in Patisserie.

Suzanne's research interests are in the field of 'culinary sense', a thematic interpretation of sensory attributes of food on the plate. Her presentation at ICCAS Conference 2011, Bournemouth University on "Towards a Theory of Black Food" has strongly influenced later academic developments.

Suzanne's responsibility for *Food Ethics and Sustainability*, a core paper in the degree programme, is reflective of other interests. Her presentation topic is on *Food and the Senses*. Exemplars providing an understanding of sensory perception based on food appearance, aroma and taste influencing food perception and preferences.

Sandy Geyer, Circles of Empowerment for Academic Leaders and Future Leaders

Introducing Sandy Geyer Business leader, Author and Speaker in Entrepreneurial and Academic Leadership
Sandy Geyer is no stranger to the entrepreneurial and academic environments and their challenges. Sandy co founded and continues to lead one of South Africa's most successful educational publishing companies, established from her garage in 1996, as well as a property investment company and a Leadership training practice for entrepreneurial, academic leaders and future leaders. Sandy works with business leaders, academic leaders and future business leaders in Australia, New Zealand and South Africa to develop what she terms their Entrepreneurial Intelligence (EnQ), and their Emotional Intelligence (EQ). Sandy's knowledge, passion and enthusiasm for leadership, are the focus of her energetic and informative presentations and her widely published business and leadership articles. She has a degree in Industrial Psychology (BA), is a certified DISC communication trainer, an accredited speaker (ASM) with the National Speakers organisation of New Zealand (NSANZ) and has over 21 years experience in leading her own successful companies. For more information please visit www.engpractice.com

"We cannot become experts at what we do until we become experts at who we are." Sandy Geyer

Sandy will speak about:

1. The 6 core competencies vital to preparing our future leaders, and which 3 are currently missing in most educational institutes
2. The person we learn the least about at school - and why this learning is essential to the effective preparation of our future leaders
3. The importance of learning thinking and navigation skills at school level
4. Why speaking a common language around individual differences is valuable to education stakeholders at all levels
5. Strategies for turning the wheel of education into tomorrow – moving from Leadership by Authority to Leadership by Influence

Dr Tracy Berno, Auckland University of Technology

Tracy Berno is an Associate Professor AUT University in the Department of Culinary Arts, where she lectures in food and culture, and food politics. Her research interests include the relationship between agriculture, tourism and cuisine, sustainable food systems and, food and health in the South Pacific. Tracy has researched and published widely on the culture and cuisine of the South Pacific and has co-authored two internationally award winning books in this area, including *Me'a Kai: The Food and Flavours of the South Pacific*, which won best cookbook in the world in 2010.

Vijesh Nangia, Scratchpad

Scratchpad is a group of innovative technology learning centres, where students can learn about Coding, Robotics, 3D Printing and Electronics, developing their logical and analytical thinking skills and learning how to be curious. At SCRATCHPAD, we provide primary, intermediate and secondary school children access to programmes that will enhance their critical thinking and questioning skills, while preparing them for the future. "It is our dream to help children become more creative users of technology and grow into the next generation of innovators and influencers for positive change. The courses at SCRATCHPAD are just one important part of this developmental process, supporting the great work that your school does".

The presenter from SCRATCHPAD is its founder, Vijesh Nangia, who has been working in the technology sector for over 25 years for organisations in the UK, India and New Zealand. During this time, Vijesh has worked with some of the best known names in the industry - IBM, Sun Microsystems, Vodafone, Sky TV, Telecom (Spark), Vero Insurance etc to name a few. He has won number of awards and also holds a patent for his work at IBM. His career has seen him working with various industry sectors like Telecommunications, Insurance, Utilities and media. He is also the founder director of Cyma,, a niche technology consultancy providing services for organisations that enable them to achieve their strategic goals and objectives using proven and pragmatic frameworks, methods and visualisation tools.

PAYMENT DETAILS:

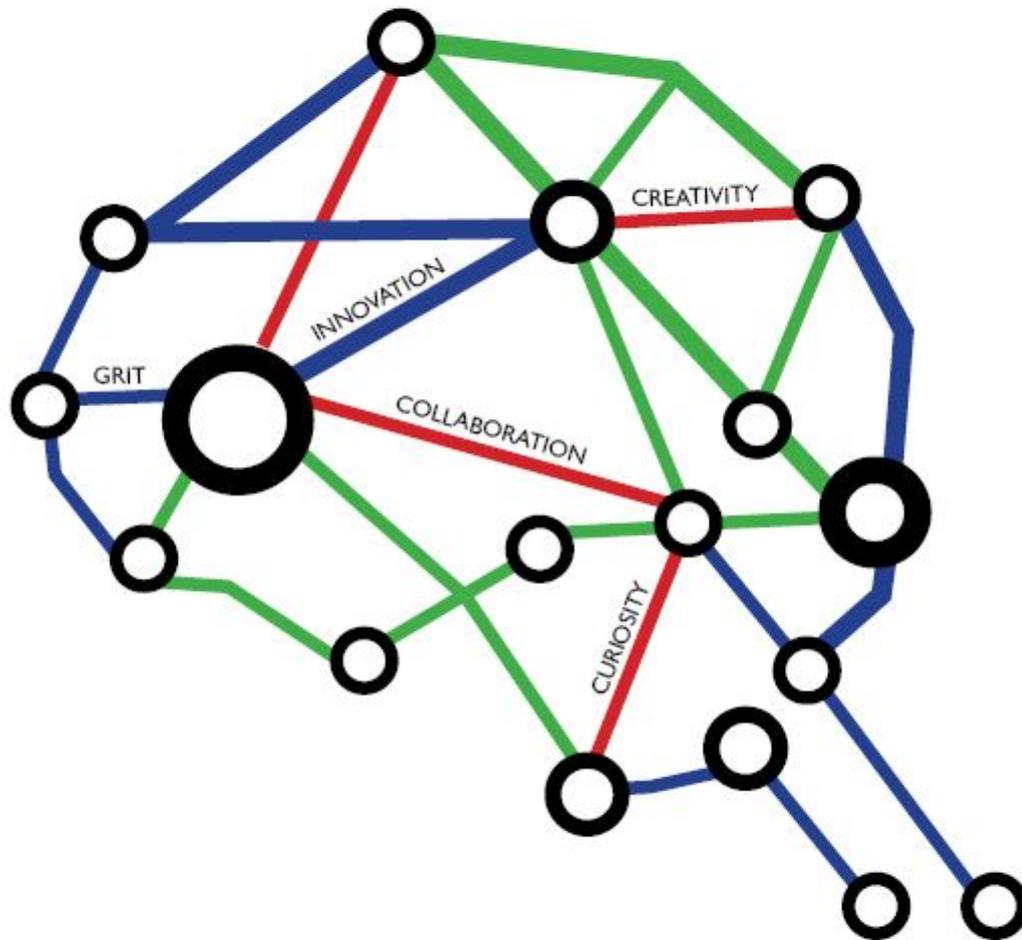
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WIFI DETAILS:

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TECHNOLOGY EDUCATION CONFERENCE

April 6, 2018 – Register online at <https://www.surveymonkey.com/r/RZWRS8L>

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210 Lake Road, Takapuna, Auckland



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Takapuna Grammar School

SITE MAP v3.2018

