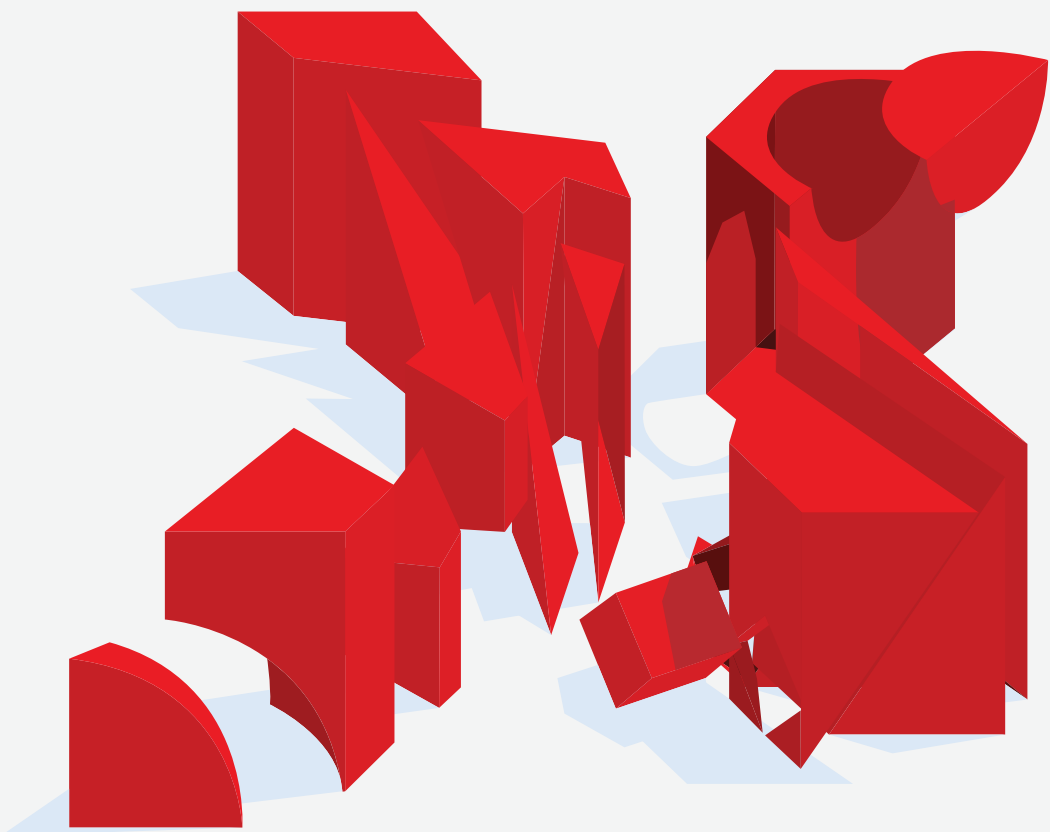



# TED<sup>x</sup>Perth

x = independently organised TED event



Innovators Cultures Ideas **Come Together**

Perth Concert Hall 11.11.17



## Program

### **First Session 9.30am**

Kelli McCluskey

Fred Chaney Jr

Alicia Curtis

Sheila Humphries

The Soldiers of Barrack Street

*Morning break 45 minutes*

### **Second Session 11.45am**

Josh Byrne

Charlie Bass

#PosterChallenge

Alan Harvey

*Lunch 1 hour*

### **Third Session 2pm**

Ian Dunican

Claude Woodward

Abdul-Rahman Abdullah

Emma Gibbens

Jesse Oliver

Esther Onek

*Afternoon break 45 minutes*

### **Fourth Session 4pm**

Anas Ghadouani

Noelle Martin

Lucy Peach

Ray Wills

Scott Ludlam

*Start times may change*

A large audience is seated in a theater, facing a stage. On the stage, a person is standing under a spotlight. A large sign on the left side of the stage reads "Perth". The audience is seated in rows of red chairs. In the foreground, a sound mixing console is visible, with a person's hand operating it. A laptop is also visible on the desk next to the console.

# Perth

## About TEDx

In the spirit of ideas worth spreading, TEDx is a program of local, self-organised events that bring people together to share a TED-like experience.

At a TEDx event, TED Talks, video and live speakers combine to spark deep discussion and connection.

These local, self-organised events are branded TEDx, where x = independently organised TED event.

The TED Conference provides general guidance for the TEDx program, but individual TEDx events are self-organised.







## Welcome & Thankyou

### ***Welcome to TEDxPerth.***

This journey began five years ago with one simple premise: that our remote City is home to incredible people doing amazing things. Yet the prevailing attitude was that the City was still a country town. We know perception shapes reality, and misperception doubly so. This was a meme we chose not only to reject, but to challenge head on.

We found people who didn't receive the attention their talent demanded and who had instead just got on with their work. We saw this as an opportunity: people with amazing, untold stories to share.

Through this journey, there have been moments of tears, joy, laughter and intrigue. In the last five years, these stories have

been viewed online over five million times, elevating a culture of optimism, academic and artistic ambition here in Perth.

This year it has been our great privilege to work with fifteen amazing and generous speakers and three talented performers. Some will entertain, some will provoke and some may even madden you – but whatever you feel, talk about it, join the conversation and connect with those around you.

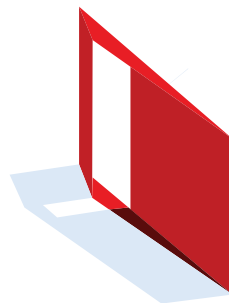
***We can't wait to share this day with you.***

**Emma Veenema**

**Joel Miller**

**Rob Lines**

The Curation Team





## Your Host **Gavin Buckley**

This year's speakers and performers are exceptional. They're joined by fascinating foyer installations, great food and stimulating conversation, led by our Hosts on the River and Terrace Stages.

It is a privilege and great pleasure to host TEDxPerth 2017. Having heard all our speakers in rehearsal I know we have a great day ahead.

TEDxPerth is an act of generosity. Our speakers are giving their time and insights freely and openly. And behind the scenes there is a talented and driven team of

volunteers, all focused on making TEDxPerth the premier platform for sharing the best of Western Australia; not only with us today, but with many more online.

TEDxPerth is an opportunity to challenge ourselves to think in new and original ways about our future together in Western Australia, and to show to the world the extraordinary contribution that Perth, and its people, are making.

***Thank you for coming and I hope you enjoy the day.***

## Your Foyer Hosts



**Andrea  
Gibbs**

River Stage



**Anthony  
Hasluck**

River Stage



**Andy  
Farrant**

Terrace Stage



**Tracy  
Deveugle-Frink**

Terrace Stage

# Make the **Most** of Your Day



**Talk to someone new.** The TEDxPerth audience are every bit as extraordinary as the speakers. Serendipitous encounters here can lead to new perspectives, friendships and collaborations. You never know what a new connection might lead to!



**Share your experience** with others. If you blog, take photos or tweet, help us spread the word by using the **#TEDxPerth** hashtag. Take photos (please, no flash inside) and share your experiences with friends and family during the event.



**Put your screens away.** We love our technology, but the TEDxPerth speakers are worth your attention. Screens are distractions for you and those around you. To preserve an immersive experience, we ask you to silence your mobile phones when in the hall and leave devices in your bag. If you wish to tweet or blog during the event, please sit in the back rows of the hall.



**Visit our installations.** All the installations, across the different levels of Perth Concert Hall, have been carefully chosen and organised to bring you fresh ideas and perspectives. Please pay them a visit – you will find some pleasant surprises!



**Ask for help** if you need it. If you have any questions or problems, visit the registration desk or ask anyone wearing a TEDxPerth shirt.



**Visit partner spaces.** TEDxPerth is only possible due to the generosity of our wonderful partners. Take some time during the breaks to visit them and have a conversation around their “ideas worth spreading”.

## **Food Story**

Food has an amazing ability to bring people together and to bring back memories through smell, taste and touch.

The food you are eating today is simple, tasty, locally sourced and represents food we grew up with. When you opened your lunchbox at school it's likely that you would have found some of the items chosen for TEDxPerth.

School is where our creativity and imagination came alive. We forged bonds, met new people and set the foundation for ideas, yet to be challenged by our future self.

Today, with a little nostalgia, we hope to recreate some of those memories for you.

So take the opportunity to grab food from your lunchbox, start a conversation with a new friend and come together for ideas worth spreading.



# *Curtin*novation is changing the future of rehabilitation

*Curtin researchers and PhD students are developing advanced robotic prototypes to get patients back on their feet sooner.*

*Curtin is a proud principal partner of TEDx Perth.*

**BE THE INNOVATOR**



CRICOS Provider code 003011.

Meet the innovators  
at *Curtin*novation.com

Make tomorrow better.



Curtin University

# First Session



## Kelli McCluskey

### Urban Disruptor

Kelli is an artist and co-founder of tactical media art group, pvi collective. Formed in 1998, pvi create playfully subversive and participatory artworks that creatively disrupt everyday life in public spaces. Their work invites direct participation from audiences, not as art consumers, but as creative comrades, cultivating an underground army of critical citizens who are up for the challenge of saving the world through creative play and revolutionary fun.

Kelli is a passionate advocate for live art and experimental practice and its continued growth in this country and is always on the look-out for ways to champion experimental art forms in Australia.

Kelli has mentored a host of emerging practitioners through her work with pvi as well as through state and federal initiatives. She co-founded the Centre for Interdisciplinary Arts, a Perth-based incubator space for experimental practice and also co-founded Australia's first one-on-one performance festival, Proximity Festival which she has been co-curating since 2012.

In 2016 Kelli received the prestigious Outstanding Achievement in Emerging and Experimental Arts award from the Australia Council for the Arts for her work within the sector. She is based in Perth at pvi's studios.



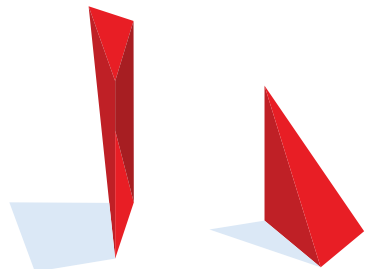
## Fred Chaney

### Architect and Urban Designer

Fred Chaney is an architect, urban designer and advocate for progressive thinking about the future of our cities. He has lived, studied and worked in the UK, the US and the east coast of Australia and founded his architectural studio in Perth in 2014.

He is interested in how our cities can grow successfully and equitably. The work of his practice focuses on civic, urban and commercial projects that add to the life and quality of our cities and communities, and includes projects with leading cultural institutions and development agencies.

Fred applies his passion for cities, and what makes them tick, to a variety of projects including his work with the Western Australian Planning Commission, Artsource, the Australian Urban Design Research Centre (which he chairs) as well as his own architectural practice.







## Alicia Curtis

### Philanthropic Leader

Alicia established her business Alyceum as a 19-year-old and, 15 years on, is well known for her ability to design and facilitate award-winning leadership and board diversity programs, conferences and social change campaigns. She has a Masters in Business Leadership and is the co-author of the book *Difference Makers: A Leader's Guide to Championing Diversity on Boards*.

She has been recognised nationally in the 2014 Westpac & Australian Financial Review's 100 Women of Influence list, in the 2017 Westpac 200 Businesses of Tomorrow list and internationally with the BPW International Power to Make a Difference award.

In her latest volunteering efforts, Alicia is the co-founder and inaugural Board Chair of 100 Women, a giving circle which inspires everyday people to become philanthropists through collective giving. 100 Women has raised nearly \$370,000 in the last three-and-a-half years and has awarded grants to nine organisations that support women and girls globally.



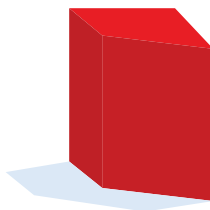
## Sheila Humphries

### Visual Artist

Sheila was part of the Stolen Generation, and grew up on New Norcia mission in Western Australia. It was the pain of the past that led Sheila to begin traditional painting: her work is all about healing, reconciliation and faith.

Sheila has had her artwork displayed internationally, and she has been involved in numerous high-profile art projects, including her work in designing the largest Australian Aboriginal artwork, recognised in the Guinness Book of World Records in 2007.

Sheila has been successfully selling her art for many years and hopes to continue sharing her story through her artwork and art classes.





## The Soldiers of Barrack Street

A short film exclusively for TEDxPerth  
by Rob Lines

With special thanks to Adrian Bowen.

*Please stay in your seats, and remain quiet, at the conclusion of the film as an important part of the day will immediately follow. Thank you.*

## Second Session



### Josh Byrne

**Environmental Researcher and Broadcaster**

Josh is an environmental scientist, author, television presenter and research academic.

He regularly consults to West Australian Government agencies such as Water Corporation and LandCorp on matters relating to urban water management and environmental design, and contributes to projects around Australia.

Josh is a Research Fellow with Curtin University and the CRC for Low Carbon Living, and an Adjunct Associate Professor with the School of Civil and Environmental Engineering at the University of New South Wales. His research activities span high-performance housing, water sensitive design and sustainable urban developments.

Over the past 15 years Josh has showcased the benefits of sustainable gardening as a television presenter on ABC TV's Gardening Australia. Josh has four consecutive National Horticulture Media Association television awards for excellence in communication.

Josh is Patron for the Conservation Council of WA, Sustainable Gardening Australia and the Living Smart household sustainability program. He is also an Ambassador for Nature Play WA.





## Charlie Bass

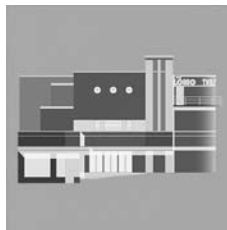
### Champion of the Entrepreneur

Charlie is Founder and Chairman of the charitable organisation CERI, the Centre for Entrepreneurial Research & Innovation. CERI works with post-graduates and researchers across all WA universities and research institutes to instil an entrepreneurial mindset and provide the mentoring and knowledge that will foster a start-up culture in high-knowledge and high-value industries in WA.

At the other end of his philanthropic journey is education for disadvantaged children.

Charlie's working life included founding two very successful ASX-listed resource companies, Eagle Mining Corp and Aquila Resources. He was also involved in putting together a team of telecommunication engineers in the US to pioneer high speed wireless internet.

His academic background includes a B.Sc. in Geology and an M.Sc. in Mining Engineering and Mineral Processing.



## #PosterChallenge

### A short film exclusively for TEDxPerth by Kelwin Wong

What happens when you set yourself a daily task? Do you stick at it?

Architect and graphic designer Kelwin Wong did, and he discovered something about himself, and something about the City he calls home.

Kelwin Wong is an architect and graphic designer based in Perth, Western Australia. Practicing between the disciplines of architecture, illustration, graphic design and animation, his work aims to highlight the social, cultural and built heritage of Perth, as well as highlighting personal moments and socio-political commentary. He enjoys the use of bright, bold colours, and can never say no to a good pun.

In 2016, Kelwin was awarded High Commendation in the South Perth Emerging Artist Award for his work entitled 'Cygnets Theatre', and has exhibited original works for the WA Aids Council 'Zero' Exhibition, and 'Save Our Sirius' in Sydney.





## Alan Harvey

### Neuroscientist and Musician

Alan Harvey was born in London. After education at Forest School and the University of Cambridge, he gained a PhD in neurophysiology from the Australian National University in Canberra. Following a period of research and teaching in the USA and South Australia, he moved to The University of Western Australia in 1984, where he is now an Emeritus Professor.

Alan's main experimental neuroscience interests are in trauma, transplantation, gene therapy and regeneration, his research primarily focused on understanding the growth of circuits in the visual system and spinal cord, and how best to protect and repair these circuits after injury.

He is also passionate about music, and has sung in numerous choirs and played as a solo artist or as a member of folk or rock bands. In 2017, his book *Music, Evolution, and the Harmony of Souls* was published by Oxford University Press, bringing together his musical and neuroscientific interests, exploring the importance of music throughout human evolution and emphasising its continued relevance to human welfare in the twenty-first century.

*Alan is joined on stage by Andrew Price and musicians from Perth Symphony Orchestra, led by Bourby Webster.*

## Third Session



## Ian Dunican

### Sleep Researcher

Ian works in health, safety and business performance drawing on his background in the military, the resources sector, utilities, rail industries and with elite sporting organisations.

Ian has worked with major mining companies to develop fatigue risk management strategies and systems requiring the quantification, analysis and interpretation of multiple data streams to support health, safety, financial strength and productivity. Ian has led and guided projects all over the world including Mozambique, South Africa, Canada, USA, Australia and Mongolia.

Ian is working with Olympic and elite athletes with the Australian Institute of Sport and professional teams such as Western Force, Greater Western Sydney and the Perth Lynx.

He is an ultra-runner and has completed the Leadville 100 Mile, a continuous off-road foot race in the Colorado Rockies where he ran for 27 hours 42 minutes. He has completed numerous mountain ultra-runs in Australia and is a Brazilian jiu jitsu practitioner.



## Claude Woodward

### MIDI Musician

Born in Pennsylvania, Claude emigrated with his parents, two brothers and two sisters to a farm outside Perth in 1959 and began learning piano in primary school.

After playing in a variety of bands through the 70s he began augmenting his keyboard rig with musical inventions including the Vibe Bar, a whammy bar for synthesizers.

In Sydney, Claude gigged in duos and trios before touring outback Queensland and the Northern Territory. In 1994 he began a two-year residency with world music band Indiginy at Uluru and invented the Claudeatron and the Rap Rod in the Martian-like landscape of central Australia.

In 2003 he moved to Melbourne and developed The Sonic Manipulator as an act before moving to the UK again in 2009 performing at festivals, including the London Olympics and the UK Inventors Festival. He produced the album Spaceman in 2010 and built the first prototype of 'The Claude Controller' MIDI controller.

In 2013 he returned to Perth and continues to devise new ways for the human body to interface with the MIDI world for greater musical expression.



## Abdul-Rahman Abdullah

### Visual Artist

Abdul-Rahman is a Perth-based contemporary artist working primarily in sculpture and installation. Over the past five years Abdullah has been exploring the social, political and spiritual aspects of cultural identity. Taking his own experiences as a Muslim Australian of mixed cultural heritage as a starting point, he aims to communicate shared understandings of individual identity within the family environment, new mythologies and marginalised perspectives in a multicultural context. Abdul-Rahman sees himself as a storyteller who uses the emotive impact of animal archetypes, immersive installation and traditional craftsmanship to tell old tales in new ways.

Since graduating from Curtin University in 2012, he has exhibited in major art institutes around Australia and undertaken residencies, research trips and projects in China, United Arab Emirates, Malaysia, Indonesia and New Zealand. In 2016 he was recognised by the West Australian government alongside his brother Abdul Abdullah with the inaugural Multicultural Recognition Award for the Visual Arts.

Abdul-Rahman lives with his wife Anna Louise Richardson on her family cattle property in Perth's southern suburbs. They share a large studio surrounded by nature, family and art.



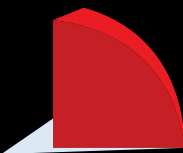


# Food & Drink

- Food Zones
- Special Dietary Food Station
- Complimentary Refreshments
- Water Refill Station
- Barrista Brewed Coffee

# Do & See

- River Stage
- Terrace Stage
- Installations
- The Human Library
- Registration / Seating



# Foyer Stages

TEDxPerth wants to stimulate a rich community of TEDx events across WA. In a new development we are running break sessions to demystify what it takes to be a speaker and run your own event.

*Morning break, Terrace Stage:* If you've always wanted to give a TED talk, you might wonder what it takes to be selected. Meet TEDx Curators who build TEDx events by making the hard choices.

*Afternoon break, Terrace Stage:* Most TEDx events are smaller than TEDxPerth. It's actually really easy to put on your own TEDx event, in your street, your school or your workplace. Meet TEDx organisers who can show you where to begin.

## Morning Break

River Stage	Start	Terrace Stage
Scott Ludlam	11.05am	Want to give a TEDx talk? Meet the Curators
Sheila Humphries	11.25am	Alicia Curtis

## Lunch

River Stage	Start	Terrace Stage
Josh Byrne	1.10pm	Charlie Bass
Alan Harvey, Andrew Price and Bourby Webster	1.30pm	Three minute ideas

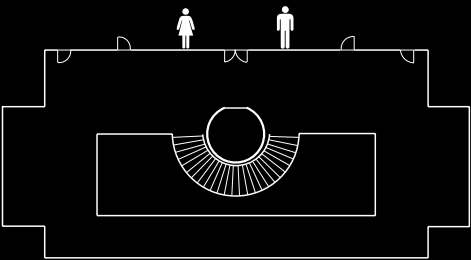
## Afternoon Break

River Stage	Start	Terrace Stage
Abdul-Rahman Abdullah	3.15pm	Start your own TEDx – Meet the organisers
Emma Gibbens	3.35pm	Ian Dunican

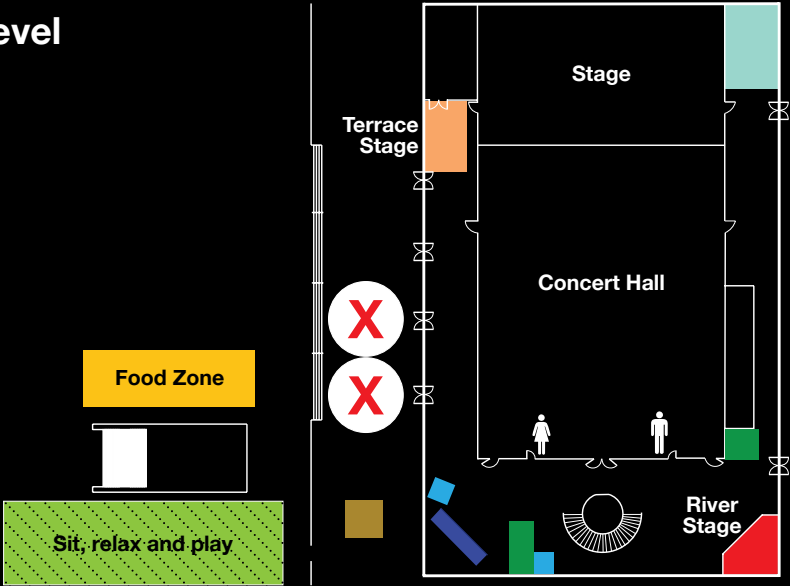
Times are approximate



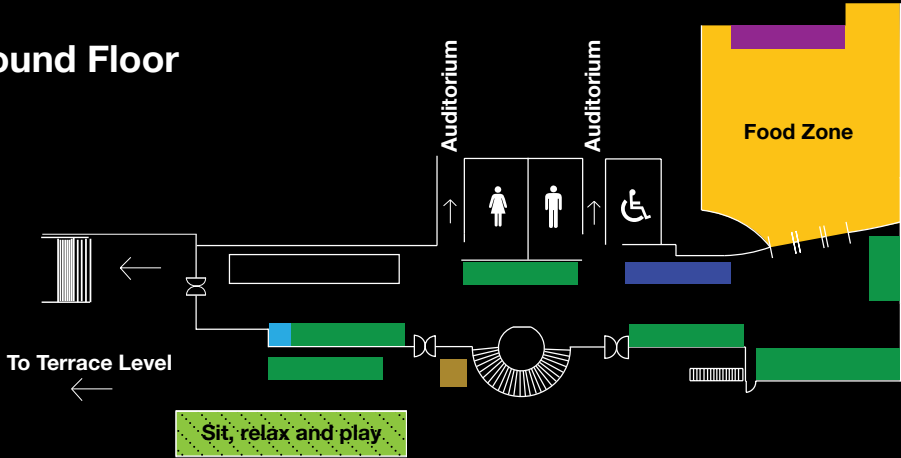
# Upper and Lower Gallery



# Terrace Level



# Ground Floor



## Third Session



### Emma Gibbens

#### Community Organiser

Emma works as the Community Engagement and Activation Specialist at CGM Communications, a West Australian-owned strategic communications consulting firm. Emma has nine years' experience in political campaigning across the United States and around the world.

Emma helps individuals and organisations connect, engage, and activate any audience. Working one-on-one or in large groups, she brings stories and people-centred messages to the fore. In this role she served as Field Director for WA Labor for the 2016 Federal Election and the 2017 State Election. Most recently she was the WA State Coordinator for Australians for Marriage Equality Postal Survey Campaign 2017.

In her spare time, she enjoys playing cello in an Aussie pub rock band, exploring Perth's surrounding parks, and enjoying the tasty culinary scene.



### Jesse Oliver

#### Spoken Word Artist

Jesse believes that the intimacy of poetry has the potential for positive change. Over the past four years, Jesse has featured on platforms such as the National Young Writers' Festival, the Emerging Writers' Festival, and the Digital Writers' Festival. In 2017 Jesse competed in the Word Travels Australian Poetry Slam where he was crowned (Perth's first) National Poetry Slam Champion.

It was a passion to overcome a personal struggle with social anxiety that led to Jesse's first performance. Although writing had always played a significant role in supporting him through darker times in life, Jesse wanted to connect with others and open a discussion about his experiences of homelessness, gender transition and mental illness. After stuttering and shaking his way through his first year, he succeeded in establishing himself on a national stage.

Since then, Jesse has turned his attention outwards in response to the uncertainty and fear of the times. The poetry community brings together a variety of marginalised voices and because of listening to these voices, Jesse's poetic message now calls for a revolution of love.



## Fourth Session



### Esther Onek

#### Advocate and Persister

Esther was born in South Sudan, part of the Acholi tribe. Due to South Sudan's instability her family fled to a Kenyan refugee camp for seven years.

Arriving in Australia aged 10, and knowing no English, Esther ultimately obtained a Bachelor of Social Work. Esther now works with The Women's Health and Family Services as a Multicultural Women's Domestic Violence Advocate.

Esther enjoys playing soccer and plays for the Jaguars Women's Football Team.



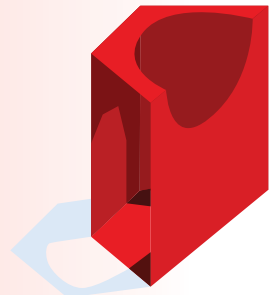
### Anas Ghadouani

#### Environmental Engineer

Anas is passionate about all aspects of water engineering and management. With more than 20 years of experience, taking him all over the world researching water in a wide and diverse range of environments, Anas has developed a unique, integrated and solution-focused approach for the study of water issues.

He has won multiple awards and is an active contributor to public discourse about water-related issues, via mainstream and social media. Anas provides expert advice to numerous organisations in Australia and around the world and also serves on the editorial boards of the journals Hydrology and Earth System Sciences and Frontiers.

Anas is currently a Professor and Programme Chair of Environmental Engineering at The University of Western Australia.



## Fourth Session



### Noelle Martin

#### Law Reform Campaigner

Noelle Martin is currently completing her Bachelor's degree in Law/Arts, majoring in Philosophy at Macquarie University, Sydney. Born and raised in Perth she was the 2010 Western Australia's Women's Chess Champion, and has worked as a chess teacher during her university studies.

She has fought for the criminalisation of image-based abuse in New South Wales. She has also contributed to the public consultation into a Commonwealth civil penalties regime that could provide further support to victims of image-based abuse. She continues to fight for the Commonwealth Government to enact specific criminal laws to effectively combat image-based abuse.

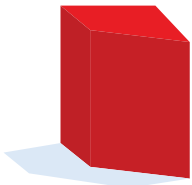


### Lucy Peach

#### Accompanied by Tara John

Lucy Peach is a stadium-folk-pop singer songwriter from Fremantle, WA with a parallel career in sexual health education.

A long-time proponent of menstrual cycle awareness, she used her own cycle as a tool to create music that would win her WA's Best Folk Act of 2016. Then a chance meeting with a storytelling clown from Cirque du Soleil led her to write and perform in a theatre piece entitled, 'My Greatest Period Ever'. The work aims to educate women to see their menstrual cycles not as a curse, but as a blessing. Using science, stories and songs, this 'Period Preacher' believes it's time we had a new 'Talk'.







## Ray Wills

### Futurist

Ray's current research interests include adoption rates of technology, disruptive technology including automation, robotics, and additive manufacturing and the impact of social media on markets.

Ray is Managing Director of the advisory firm Future Smart Strategies, Board Member of Western Australia's remote energy services provider Horizon Power, Partner and Director of the cleantech business Sun Brilliance Power, Blue Leader of the Singapore-based Blue by Design and Director of the bioenergy startup BioTek Fuels Pty Ltd.

He is also Adjunct Professor at The University of Western Australia, provides advice to UWA on sustainability and comments on behalf of UWA on climate change and sustainability.

Ray was recognised by ABC Carbon as one of the Top 100 Global Leaders in Sustainability in 2011, an honour renewed each year since. From 2014 SustMeme Magazine listed Ray as one of the Top 100 Global Influencers in Social Media on Climate Change and Energy. In 2016 Onalytica listed Ray in the Top 100 Influencers and Brands for Renewable Energy in the world, and in 2017 was similarly recognised by Onalytica for Climate Action.



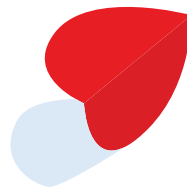
## Scott Ludlam

### Environmental Campaigner

Scott is a former Australian Greens Senator representing Western Australia from 2008 to 2017. He was the Greens' national spokesperson for cities, communications, nuclear issues, foreign affairs and defence.

Prior to his time in Parliament he was an artist, graphic designer, anti-nuclear campaigner and political adviser.

Subsequent to his resignation in July 2017 he has been watching the dual-citizenship fiasco with increasing fascination.



# Foyer Installations



Code Camp began in December 2013, when Ben and Pete, tech startup entrepreneurs, set out on a mission to create a solution which could give every Australian student the opportunity to learn to code and build their very own apps. Today, it is more important than ever to learn these skills.

In their first few years they have grown from a team of two, to a team of over 1,000 incredibly passionate teachers. Collectively they have inspired over 27,000 students aged 5 to 13 at over 120 locations around Australia. Their priority is to excite and encourage children to begin their coding journey and become digital creators and not just consumers. If you want to know more or code yourself, be sure to visit their installation!



Redback Energy is a West Australian company whose mission is to build and manage the electricity grid of tomorrow. Energy Networks Australia and the CSIRO have described an energy roadmap leading to a portfolio dominated by renewables. Distributed Energy Resources (DERs) based in homes, communities and businesses are crucial to this vision of carbon-free electricity generation.

Redback Energy is driving the creation of the future grid through the application of world-leading solutions that integrate hardware, software and services. Their solutions facilitate the creation of Virtual Power Plants harnessing and aggregating DERs to flexibly and efficiently meet the needs of consumers, utilities and networks.



The Museum of Perth, founded in 2015, chronicles the social, cultural, political and architectural history of Perth.

Today's First Session concludes with a short film about a current project, The Soldiers of Barrack Street. The project centres on the photographs of Denis Dease, a Barrack Street photographer who worked in Perth during World War One.

Meet their team, and find out how they have discovered fascinating stories and captured a unique social history of Perth.

[thesoldiersofbarrackstreet.com](http://thesoldiersofbarrackstreet.com)  
[museumofperth.com.au](http://museumofperth.com.au)



The Human Library enables people, who would not normally meet, to join in respectful conversations about difference and diversity.

As a visitor to the Human Library you can choose a person (a Human Book) and read that person by engaging in a conversation about that person's title and topic.

The Human Library is a safe environment shaped by a framework of respect in which people are given permission to ask questions and share experiences about topics that are often avoided. In this way, the Human Library helps people celebrate diversity, develop a positive appreciation about difference and commonality, raise awareness about identity and exclusion, and think about prejudice, stigma and discrimination.

To know more about Perth Human Library or to express your interest in becoming a Human Book come and meet them today.

[www.humanlibraryaus.org](http://www.humanlibraryaus.org)



South32 is proud to be associated with TEDxPerth for a second year. We know that TEDxPerth 2017 will stimulate, challenge and inspire the Perth community and provide an opportunity for local talent to shine.

This year we have partnered with Perth Symphony Orchestra to bring you the sounds of the symphony. This innovative partnership will connect the local community through music and inspire ideas worth spreading.

We are a global resources company, producing products used in nearly every aspect of our daily lives. Our purpose is to make a difference by developing natural resources, improving people's lives now and for generations to come.

Through sponsorship of awards, education programmes and local events like TEDxPerth, we hope to stimulate innovation in our local communities while helping the next generation of innovators to get a start. Across our business, we see a real opportunity for technology and innovation to deliver both safety and productivity improvements.

We encourage diversity in all forms and subscribe fully to the TEDx ethos of supporting ideas worth spreading.



Imagine a world where learning is effortless, where communication and command of the world around you is as quick and as intuitive as a thought, and where cognitive enhancement empowers us to solve the many challenges that we face both as individuals and as a species.

HUMM is building a closed-loop wearable brain computer interface, a headset that measures and stimulates mental performance in competitive eSports athletes. HUMM are showing their latest prototypes and demonstrating the device in action today.

If you're interested in following their journey, or you're an eSports player looking for an edge, visit [www.humm.tech](http://www.humm.tech)

## **The Golden Eagles Drone Club**

Applecross Primary School

The Golden Eagles Drone Club was created to promote student enthusiasm and interest in remote-controlled Unmanned Aerial Vehicles. With an ever-expanding range of technologies in today's society the School's objective is to provide an environment which is challenging, supportive, reflective and, of course, fun.

Students are carefully selected for the program consisting of stages of research, designing, building and flying of a drone. The Golden Eagles program successfully integrates the curriculum through Mathematics, Science, Geography, Physical Education and Health (Social and Emotional Learning).

# Foyer Installations



Curtin University

## #MILK4MARKS

#MILK4MARKS is a social enterprise that aims to help malnourished children in India.

Developed by Curtin nutrition graduate and Young Alumni Advisory Board member Kieron Safstrom, #MILK4MARKS uses money raised through a crowdfunding platform to purchase fortified milk products, which are given to children through a school breakfast program. These products help improve nutrition, boosting the physical and neurological development of children and giving them a better chance at a successful life.

## Curtin-Monash Accident Research Centre

The Curtin-Monash Accident Research Centre (C-MARC) is an independent, multi-disciplinary road safety research centre that aims to improve road safety outcomes for all Western Australians.

Established in 2009, C-MARC represents a significant partnership between Curtin University and Monash University's renowned Accident Research Centre.

C-MARC's strategic intent is to stay at the forefront of national and international road safety research. It also seeks to apply its knowledge and expertise to support the State Government's Towards Zero strategy, which aims to drastically reduce the number of people killed or seriously injured on WA roads.

## Virtual Reality Racing

Experience what it's like to drive a sports car at more than 200km/h!

Curtin PhD candidate Joshua Reid has built custom racing simulators using the latest virtual reality hardware that put you in the driver's seat of some of the world's most exclusive cars.


Reid's research explores how virtual reality technologies can be used to enhance driving-themed video games and investigates the level of immersion experienced by the user.

## Curtin Fashion Incubator Program

The Curtin Fashion Incubator Program helps Curtin fashion graduates build and grow independent design labels.

The program provides support across all aspects of fashion design and practice, including creative development, digital design, garment production and commerce, with a focus on redefining garment customisation and personalisation. Clients can order custom-made garments for limited edition production or order existing designs through made-to-measure or standard sizing options.

This initiative is made possible through industry collaboration between Curtin University and applied technology company D House Australia.



# Thank You

TEDxPerth is the product of the tireless dedication of dozens of volunteers.

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Production & Events

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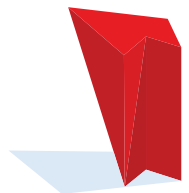
Photographer

**Tracy Deveugle-Frink**

Board Member, Secretary,  
Foyer Host

**The year-round team also extend a big thank you to  
all the on-the-day volunteers.**

Thank you to Brendon Ellmer and the whole team at Perth Concert Hall.







## **South32 inspiring innovation at TEDxPerth**

South32 has partnered with the Perth Symphony Orchestra at TEDxPerth 2017 to bring you the sounds of the symphony.

This innovative partnership supports the TEDx ethos to connect our local community through music and inspire ideas worth spreading.

South32 – a proud sponsor of TEDxPerth – is a global diversified mining and metals company with high quality operations in Australia, Southern Africa and South America.



Photo: Richard Jefferson Photography

## Principal Partners



Curtin University

Curtin University has expanded rapidly into the globally recognised university it is today. Ranked in the top one per cent in the world by the ARWU 2017, Curtin has campuses in Perth, Kalgoorlie, Malaysia, Singapore and Dubai.

As a leading research institution renowned for its strength in minerals and energy, defence, data analytics and emerging technologies, health sciences, astronomy, sustainable development and agriculture, Curtin engages in collaborative research with industry to produce research outcomes that positively impact local and global communities.

Innovation is at the heart of Curtin.

It's a place where great things happen when bold ideas and active minds come together.

[www.curtin.edu.au](http://www.curtin.edu.au)



South32 is one of Australia's newest resource companies but one with a long and proud history of mining and metals production in Australia, Southern Africa and South America. We believe we can make a difference by developing natural resources, improving people's lives now and for generations to come.

We're doing that by embracing innovation and technology, and collaborating with others to create a safe and sustainable future.

[www.south32.net](http://www.south32.net)

## Affiliate Partners



**CITY of PERTH**

With formal recognition as a Capital City Council, the City of Perth is the local government responsible for providing services in the heart of Western Australia's dynamic and rapidly growing Capital City.

The City of Perth delivers a range of services to residents, ratepayers, stakeholders and the community. It also actively encourages the attraction of new enterprise to the CBD and continues to support existing businesses to help them thrive.

[www.perth.wa.gov.au](http://www.perth.wa.gov.au)



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[www.businessnews.com.au](http://www.businessnews.com.au)



PAV Events specialises in executing corporate events, large-scale productions and audiovisual experiences from concept to completion.

[www.pav.com.au](http://www.pav.com.au)



The Metropolitan Redevelopment Authority (MRA) is a statutory authority of the State Government of Western Australia answerable to the Planning Minister.

Through urban renewal and place making, MRA projects are creating communities with new living and business opportunities, public open spaces, facilities and lively places for people to enjoy.

[www.mra.wa.gov.au](http://www.mra.wa.gov.au)



We've been building digital solutions for the good people of Perth since 2006 and we have no intention of stopping now.

In fact, we are just getting started. We are tackling new challenges every year and solving them with hard work and a team of brilliant and weird minds. It's what gets us up in the morning.

[www.alyka.com.au](http://www.alyka.com.au)



ITdynamics is a new age information technology company which is dedicated in providing computing solutions to real world business challenges.

[www.itdynamics.com.au](http://www.itdynamics.com.au)



Gage Roads is the strip of ocean that separates Rottnest Island and Fremantle in Western Australia. It's a home to surfers and swimmers; seagulls and sharks; ships and sailors. It's a place where you can relax, escape, explore, or seek out adventure. We saw a lot of ourselves in this little spot. That's why we named our brewery after it.

We set up shop in an old margarine factory just outside of Freo over 14 years ago and we've been crafting beer there ever since. We make a range of ales and lagers, all of which are inspired by our place here on the WA coast.

[www.gageroads.com.au](http://www.gageroads.com.au)



VASSE FELIX

Vasse Felix is Margaret River's founding wine estate and was established in 1967 by regional pioneer Dr Tom Cullity.

All wines are estate-grown in Vasse Felix's four Margaret River vineyards, then estate-made and bottled within its state-of-the-art winemaking facility.

Vasse Felix is regarded as one of Australia's draw-card winery destinations and welcomes all visitors for a host of wine and culinary experiences.

[vassefelix.com.au](http://vassefelix.com.au)



Howard Park Wines is a West Australian family-owned winery producing a range of handcrafted fine Australian wines from the state's premier grape growing regions of Margaret River and the Great Southern.

Since its inception in 1986, Howard Park's philosophy has been to craft outstanding boutique Australian wines of great subtlety, character, balance and elegance with an uncompromising commitment to quality.

[howardparkwines.com.au](http://howardparkwines.com.au)

Thank you to **Top Dup Donuts** and **Micrology Coffee Roasters** who are enhancing our breaks.

[topdup.com](http://topdup.com)    [micrology.com.au](http://micrology.com.au)

## Co-Working Partner



Spacecubed enables a community of entrepreneurs, innovators and changemakers through inspiring spaces, focused programs and connection to people and resources as they grow.

Spacecubed provides Intensify Scholarships for people at idea stage to access support, mentoring and space as they startup.

Book a free tour at [www.spacecubed.com](http://www.spacecubed.com)

# TEDxPerth

x = independently organised TED event

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