

#ASC14

BRISBANE

February 2-5, 2014

INSIGHT
IMPACT
INNOVATION



AUSTRALIAN SCIENCE COMMUNICATORS

National Conference 2014

PROGRAM HANDBOOK

www.ascconference.info

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Organising committee

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Kali Madden
Jesse Shore
Rod Lamberts

Program committee

Kali Madden
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Kali Madden
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Lindy Orthia	Australian National University
Will Grant	Australian National University
Vicky Martin	Southern Cross University
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Nancy Longnecker	University of Western Australia
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Muza Gondwe	University of Western Australia
Will Rifkin	University of Queensland
Miriam Sullivan	University of Western Australia
Jennifer Manyweathers	University of Western Australia
Jenni Metcalfe	Econnect Communication
Jenny Donovan	University of Southern Queensland
Jean Fletcher	University of Western Australia

Volunteers

Melanie McKenzie: evaluation
Alex Jurkiewicz, website management
Heidi Jones
and others!

Conference management

Justin Holsinger and Melissa Batterbee from Eventcorp

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AUSTRALIAN SCIENCE COMMUNICATORS

SPONSORS

Silver



AUSTRALIAN NATIONAL CENTRE FOR
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WiFi



Bronze



An Australian Government Initiative

Dinner

COSMOS
THE SCIENCE OF EVERYTHING

cosmosmagazine.com



Science Storytelling Event



SUPPORTERS



Canberra



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engaging science



PRESIDENT'S WELCOME

As President of the Australian Science Communicators, I want to welcome you to my home city of Brisbane and to ASC2014. This Conference continues the work of the ASC to represent those who make science, technology, and innovation accessible. It is also an opportunity for us to reflect on our own practice, learn from each other, network, and make strategies for the future.

Looking over Professor Ian Lowe's keynote, the plenaries, and the parallel sessions of the Conference I am most impressed by the mix of theory and practice and the sheer diversity of perspectives and experience of science communication and engagement on offer. Over the few days that we come together, we will have the opportunity to hear from some of our colleagues who have been leaders in science communication for decades. This is an extraordinary opportunity for us to hear where Australian science is headed—and how they see science communication working in relation to that future. It is also a good opportunity for them to hear about the strengths in our community.

I'm looking forward to the the SCINEMA screening and the SPECTRUM science art exhibition opening—these events remind us about the multiple forms, genres and contexts of science communication. Another highlight of this Conference for me will be the many sessions where colleagues involved in Inspiring Australia engagement events, research and evaluation report back on the last couple of years' activity.

ASC2014 also offers the most important thing a Conference can offer—time and opportunity for us to meet each other in breaks, in networking and skills sessions, in the Q&As of the parallel sessions. That's perhaps what I look forward to most.

This event would not be possible without the tireless work of the Conference Convenor, Claire Harris, and Conference Director, Kali Madden. I come to this Conference as a keen participant—and I'm genuinely inspired by what they have organised for us. Also, I'd like to recognise the many volunteers who will be making countless contributions over the few days of the Conference (and before and after!). Look out for those volunteers tweeting and blogging away, capturing the Conference on video and in podcasts; they show that we walk the walk and will spend a few days both reflecting on science communication and communicating about what we do best.

Enjoy the Conference, enjoy the fabulous city of Brisbane and I look forward to the conversations we are about to continue.



Joan Leach

Australian Science Communicators President



AUSTRALIAN
SCIENCE
COMMUNICATORS

Join the Australian Science Communicators

The not-for-profit association representing those who make science accessible

bit.ly/1kSHN4d

CONVENOR'S WELCOME

I am pleased to welcome you to the Australian Science Communicators National Conference 2014 (ASC2014).

This event draws together a diverse community working to inspire and have impact across science, innovation, education and communication. People and organisations are here who share the view that the communication of scientific research, activities and findings, and public participation and critique of science are essential to innovation and democracy.

ASC2014 also comes at a challenging time for many with economic pressures, continued politicisation of science, a more complicated media and information landscape and organisational changes; encouraging us all to adapt.

For the organising team, these issues are top of mind, and so is the opportunity to make a difference to each and every one of you, and the wider community, at this event and beyond. With the Conference theme: Insight, Impact, Innovation ASC2014 really aims to offer up opportunities to explore science communication in many ways, particularly those that focus attention on the outcomes we have achieved and those we are aiming for.

We could not have delivered this event, in this fantastic venue, without the support of our very important sponsors: Centre for Public Awareness of Science (CPAS) at the Australian National University, CSIRO, the Inspiring Australia Initiative of the Australian Government, COSMOS Media, and the Australian Academy of Science. Our valued supporters have also been brilliant, helping us to spread the word and deliver the Conference and additional events. We also welcome our colleagues from the Science Communicators Association of New Zealand, who are joining us in co-created events for the first time. We look forward to future collaborations with all our sponsors and partners.

A special thank you to my fellow organising and program committee members, ASC members, our many volunteers and all of the people that are committing their time to share their experience and knowledge with others.

From early humans sharing their wooden tools to us now sharing insights with colleagues over a coffee; learning from each other is a distinct, and timeless, feature of humanity. The sharing, connections and building a brighter sci comm future cannot happen without the most important ingredient. You.

Welcome and enjoy ASC2014.

SCIENCE Word of the Year 2013

"It is a word that is connected to broad cultural dichotomies: observation and intuition, evidence and tradition," Peter Sokolowski, Editor-at-Large at Merriam-Webster.

Merriam-Webster Dictionary: based on online searches and increase from previous year



Claire Harris
ASC2014 Convenor



DIRECTOR'S WELCOME

The Australian Science Communicators (ASC) celebrates its 20th anniversary in 2014. Founded primarily by journalists who saw the need for a special group of communicators to tackle the increasingly important challenges presented by science in society, with all its implications.

For the last ten or so of those twenty years, from within my various science communication roles, I have been musing on not just the nature of science and technology, but also the nature of communication... why do we do it, and why is it important anyway?

We are presented with many moments that matter. Through our unique experiencing and view of the world, our interests, and the questions we ask and pursue answers to, we each develop a unique body of knowledge that holds value for the greater collective.

How that value is realised is by sharing. Finding the best ways to think about our own perspectives, our worldview, our stories, and sharing them with others, is a talent that has the ability to change the world for the better. Or at least in ways that serve more of us, and the planet, in ways we appreciate.

It is no accident that we hear increasingly of the need for collaboration, and see increased funding opportunities for those that find effective ways of working together.

Those who make communicating their profession, their passion, are dedicated to becoming increasingly effective at creating and sharing value with others, and so benefit many in their ongoing development.

Because many of you shared your views so generously with the organisers of this Conference, things have been done differently this time.

We have ensured a much stronger focus on professional development (PD) with an entire stream of sessions brought to you by very experienced communication professionals. PD sessions have been made longer to give participants the time required to learn to apply the skill being conveyed, and to have something practical to take back to the office or to the field.

We have encouraged more case studies from those working at coalfaces, including our first ever poster session. As the posters will be on display the entire Conference, we hope this gives delegates more opportunity to hear about case studies than if they were only in a competing concurrent session.

And we have worked to integrate more research into the program alongside practice so that one may inform the other in stimulating ways, and perhaps collaborations will be formed. Additionally, another ASC first, our Conference proceedings are well underway.

Thank you for contributing your unique views and valuable presence to the transnational community of science and technology communication professionals gathered together this week. We will all work and play better because of you!



Kali Madden
ASC2014 Director



WOW! 2014 IS A SPECIAL YEAR!



2014 marks 60 years of the Australian Academy of Science, 50 years of ABC Science and 20 years of the Australian Science Communicators. The ASC is proud to be working with the Australian Academy of Science and the ABC Science team for a very special event: The Storytelling of Science: a triple anniversary celebration on Sunday 2 February.

The Australian Science Communicators (ASC) is a not-for-profit association supporting and representing those who make science accessible. ASC is a diverse national body, with members—including journalists, writers, entertainers, scientists, students of many disciplines and other

communicators—who engage Australians (and people overseas) with science, technology and innovation.

The ASC has been running since 1994 and many members and people who have served as state, territory or national Presidents or on the Executive and Branch teams are here at ASC2014. The ASC convenes a Conference every two years and runs many other events with partners. For example, ASC hosted the 5th World Conference of Science Journalists in 2007 in Melbourne. Read more about ASC at www.asc.asn.au

What other anniversaries do you know of? Let's celebrate

#ASC14 **#anniv**

PROGRAM SESSIONS: WHAT ARE THE ICONS?

There are a few firsts for ASC2014 (including a poster session and having a Conference proceedings published after the Conference) but one thing you might notice that's a bit different is the use of iconography in the program at a glance pages (from page 13 to 20).

ASC2014 embraces the diversity of Conference experiences that people want: from networking to hearing about the latest research, attendees will want different things. We know that professional development is a key priority for a large proportion of attendees, and so in 2014, we have an entire stream devoted to professional development. Some people also like to experience sessions with lots of speakers bouncing off each other or more individual, focused talks.

Type



These icons help show the different format types on offer at ASC2014. From produced sessions (some with more than six people involved in the session) to individual talks, to in-depth professional development workshops, there are lots of options. Look for these icons to understand the session type.

We also know from past Conference feedback that some Conference goers feel like they don't know if a session is

aimed at a particular level of experience or not. So we invited session and workshop producers to tell us if they wanted to deliver their session aimed at a particular level.

Career audience



These icons indicate the audience, if one has been specified. Some session producers said 'all' and others didn't say but for those who chose one or two, we have recorded the audience categories they provided.

Theme



These icons pick up on the theme of ASC2014: Insight, Impact, Innovation and the sub-themes: Visualisation, Research and Anniversaries. Having a theme enables the session/workshop producers and speakers to indicate themes which resonate with them. And, on the flip side, this also allows the audience to get a feel for the angles the speakers are coming from and so they can follow particular themes if they wish.

We hope ASC2014 offers a range of stimulating and beneficial sessions for you.

EVENT HIGHLIGHTS

Community Storytelling Series

Join Susan Rooney-Harding in this three part series to hone your story capturing and story sharing skills for ASC2014 delegates only.

Part 1: Telling stories with images using smart phones and tablets.

TIME: Sunday 2nd February, 10:00-13:00

VENUE: The Edge, State Library. Stanley Place, Cultural Centre, South Bank

COST: Free (limited to the first 40 RSVP's)

MORE: bit.ly/1maNEOf

Part 2: The art and practice of story capturing.

TIME: Wednesday 5th February, 10:45-15:30

VENUE: Room B3

COST: Free but must register to attend

NOTE: This course is a pre-requisite for "iPad/iPhone movie making using your iPads and iPhones" on Thursday.

MORE: bit.ly/1i5sjYH

Part 3: iPad/iPhone movie making using your iPads and iPhones.

TIME: Thursday 6th February, 9:30-17:30

VENUE: The Edge, State Library. Stanley Place, Cultural Centre, South Bank

COST: \$150

NOTE: "The art and practice of story capturing" on Wednesday is a pre-requisite for this course

MORE: bit.ly/1avyRuW

Science Storytelling Event

2014 marks 60 years of the Australian Academy of Science, 50 years of the ABC Science unit, and 20 years of the Australian Science Communicators. To celebrate, the ASC and BrisScience are hosting a very special triple-anniversary event.



Please note that this is a ticketed event. Tickets can be purchased online.

TIME: 3-6pm, Sunday 2 February, 2014

VENUE: Boulevard Auditorium, Grey St entrance, Brisbane Convention & Exhibition Centre, South Brisbane

REGISTRATION: Tickets are \$20 and available online.

Numbers are strictly limited so get in quickly!

REFRESHMENTS: There will be an intermission where drinks and food will be served.

MORE: bit.ly/1fUnpOa

Welcome Event including Official SPECTRUM Science Art Exhibition Opening, SCINEMA screening and Poster Exhibition

DATE: Monday, 3rd February 2014

TIME: 18:00-20:00

VENUE: Boulevard Foyer

COST: Free for delegates

MORE: bit.ly/1aclxNb

CATERING SPONSOR: The University of Queensland



Speed Networking Session

DATE: Monday, 3rd February 2013

TIME: 19:00-20:00

VENUE: Room B3

COST: Inclusive with full-registration (Limited to the first 80 RSVPs)

MORE: bit.ly/1i5qgnw

SCANZ-ASC Breakfast Event

DATE: Tuesday, 4th February 2014

TIME: 7:00-8:30

VENUE: Rydges South Bank, 9 Glenelg Street, South Bank Level 12, Rooftop South

MORE: bit.ly/1jaSb5C

ASC2014 Conference Dinner and Science Cabaret

Includes the presentation of the Unsung Hero of Australian Science Communication Award

FEATURED SPEAKER: Robyn Williams

DATE: Tuesday, 4th February 2014

TIME: 19:00-21:00

VENUE: Brisbane Convention and Exhibition Centre - Boulevard Room

COST: Inclusive with full registration

ADDITIONAL TICKETS: \$110.00 each

MORE: bit.ly/KnfJFc

PROUDLY SPONSORED BY: COSMOS Media



Tickets for ticketed events are included in your registration envelope

EVENT HIGHLIGHTS

Interview Booth

Have you got a story you'd love to promote to the media but don't know where to start? Or perhaps you're stuck for an angle for your media release or want feedback on your interview technique?

At the ASC Conference Interview Booth you can speak to a working science journalist about the story you or your organisation wants the world to know.

In a one-on-one session with a journalist you might choose to:

- Get feedback on a media statement you have released or are working on.
- Do a mock interview, get advice on talking to the media and take home a recording to review after the Conference.
- Discuss angles you could take with your story, where to pitch it and how to make the story attractive to journalists.
- Ask anything you've always wanted to know about the mainstream media.

With your permission, our favourite stories will also be profiled on the ASC website and social media channels.

WHAT TO BRING:

- Your story idea or story challenge.
- A media release you are working on (if you have one).
- Your media questions.
- Your email address if you wish to be sent a copy of a recorded interview.

The interview booth will run every day of the Conference during the morning, lunch and afternoon breaks but places are limited. To book your 10-minute session head to the Interview Booth Doodle poll.

Visit the Australian Science Communicators booth and the Inspiring Australia booth in the foyer to learn about these, and other initiatives past and present

MORE: bit.ly/1jhN8QT

Keep up to date with other post-conference events and activities
bit.ly/1cSIzEs

SCOM BOMB

When you've ASC'd all day, when your brain is fit to burst with science communication goodness, what do you need? You need SCOM BOMB!

Coming LIVE to a 2014 ASC Conference near you, the vaguely good SCOM BOMB Doctors Rod Lamberts and Will Grant present ***SCOM BOMB LIVE*** – a three times only daily wrap up presented at the end of each day at the ASC Conference.

WHAT: Rod and Will dissect and digest the learnings, lessons and laughs of the Conference day. (They will also put on some delicious drinks)

WHERE: Various Conference locations, watch for daily announcements on #ASC2014

WHEN: 18:30 on Monday and Tuesday and 16:30 on Wednesday

WHY: YOLO

more about nofunnybusiness.net...

SCOM BOMB lives at nofunnybusiness.net, a new place for exploring science communication issues, highlighting science communication successes, and engaging your networks and public in online science commentary and events.

Funded by Inspiring Australia, No Funny Business is a community owned site managed by team members from three organisations: the Australian Science Communicators, the Australian National Centre for the Public Awareness of Science at ANU and ScienceRewired.

No Funny Business is currently seeking stories and storytellers without a platform, so if this is you, get in touch with the team at nofunnybusiness.net

Already you can share your view, schedule hosted discussions and include your project for the world to see.

The site is shared across a professional network of thousands, providing you a platform for science views that matter.

MORE: bit.ly/1mknKXS



SCOMBOMBers Will Grant and Rod Lamberts

GENERAL INFO

Registration desk

The Registration desk for the Conference will be located in The Foyer on the Boulevard Level. You must collect your registration pack upon your arrival at the venue.

The desk will be attended at the following times:

Sunday, 2 February	2pm–4pm
Monday, 3 February	7am–7pm
Tuesday, 4 February	8am–5pm
Wednesday, 5 February	8am–4pm

Mobile phones

As a courtesy to speakers and other delegates, please ensure all mobile phones are switched off during Conference sessions.

Dress code

The standard of dress for the Conference and all social functions is smart casual.

Cancellation and refunds

Please note that no refunds will be issued by the Conference Office for any social functions and/or registrations.

Liability

In the event of circumstances beyond the control of the Australian Science Communicators Conference and/or the Conference Office, no responsibility will be accepted for any losses incurred.

Name badges

Name badges should be worn at all times during the Conference, as they are required for entry to the sessions and the trade area. Your name badge can be found in your registration envelope.

Conference dinner tickets

Tickets to the Conference Dinner can be found in your name badge holder. Tickets are required for entry to the Dinner so please take care not to lose these.

Special dietary requirements

Delegates with special dietary requirements who have advised the Conference Office via their registration form MUST make themselves known to the serving staff at all refreshment breaks and functions. Delegates who have not previously advised of special dietary requirements should advise the staff at the Registration Desk immediately so that arrangements can be made.

Evaluation

We would be grateful if you would share your thoughts with us about your ASC Conference experience so that we can make it even better next time.

Have a beef? Want more good stuff? Let us know about your ASC Conference experience. Tweet us at #asc14reflect, send an email to asc2014@asc.asn.au, or complete the Conference evaluation form at www.ascconference.info.

Parking

The Brisbane Convention and Exhibition Centre has parking available in the multi-storey car park, entry via Merivale Street and Melbourne Street, South Brisbane. The car park is open 24 hours a day, 7 days a week. The charge is a maximum of \$25.00 per day (after four hours). This is payable on entry.

Limited street parking is available close to the Convention Centre, but these areas are heavily patrolled, so stick to the time limit or expect a ticket!

Disability car parks are available in the car park. Please contact David on (07) 3308 3487 if you would like to discuss disabled parking requirements.

Transport options to the venue

- Central city location: 10 minutes walk to CBD
- Cultural Centre Busway: 5 minutes walk
- South Brisbane Train Station: adjacent to Centre on Grey Street, with direct Air Train service
- Designated taxi rank Merivale Street Main Entrance, taxi drop off area at Grey Street Entrance
- Russell Walk connecting pedestrians between Merivale and Grey Street.

SOCIAL MEDIA POLICY

Add the session
#hashtag and **#ASC14**
on all your tweets to join
the conversation

ASC2014 permits and encourages the use of social media, such as Facebook, Twitter, Instagram, Storify, Google+, and blogging as a way to summarise, highlight, review, engage with others, critique, and/or promote the presented materials, poster and exhibit materials, and the Conference in general, provided that:

- Conference material is not shared in full, and
- the author or speaker is referenced and cited appropriately
- the speaker has not explicitly requested that information being presented not be captured or shared.

Please keep in mind that our speakers have invested many hours in the development of this material and Australian copyright laws apply.

Except by specific prior written permission, we do not permit the extensive/all-inclusive recording of presentations at the ASC2014 Conference under any circumstances or in any form or media, including but not limited to audio recording, video recording, or literal transcripts.

Out of respect for other participants, please keep your phones and other devices on silent.

ASC2014 will have audio recorded to generate podcasts. Some activities may be filmed.

You will likely be photographed by our Conference photographer and our team of community storytellers busily capturing the stories of this event. If this is a problem please make this known to the registration desk.

Like us on Facebook:

<http://on.fb.me/1hwzG8X>

Follow us on Twitter:

www.twitter.com/auscicomm **#ASC14**

Connect with others attending the Conference at the LinkedIn page:

<http://linkd.in/1ihyglN>

We encourage you to:

- Enjoy the many varied sessions and people participating in the Conference
- Blog, post, discuss and tweet highlights of the Conference
- Suggest sessions and workshops to attend and events to enjoy, discuss favourite speakers and posters, post job openings and opportunities, connect with other attendees
- Provide feedback to the ASC or professional Conference organiser Eventcorp via email to asc2014@asc.asn.au, or the evaluation twitter stream at #asc14reflect (perhaps discuss topics and/or speakers of interest future Conferences, make suggestions for sessions, or comment on the format)
- Keep criticism constructive! Please don't be rude or attack people personally.

You can read more useful ideas about getting the most out of social media at Conferences here: bit.ly/1aFSkpP

CSIRO Big ideas start here

A nation is built on big ideas and CSIRO has been the home of the big idea for nearly 100 years.

We were there as the nation rode on the sheep's back and we're here as the nation embraces the information age. We've been there to help feed our fast growing population and we've been there as we reap the bounty of our mineral resources.

www.csiro.au



Integrated writing, editing and design

Making your science publication effective

For 15 years, Biotext has turned complex information into effective publications for government departments and agencies, academic institutions and nongovernment agencies, both in Australia and overseas. Our work has won national and international awards.

We have integrated services that can take you from thought to publication — including research, writing, editing, design and publishing.



Scientific and technical style manual

For scientists, technicians, communicators, administrators and policy makers



This comprehensive resource will be available in 2014 through web-based subscription or print. The manual includes guidance on:

- planning, structure and information design
- writing clearly for different audiences and avoiding common problems
- editing for accuracy and consistency
- presenting visual information (tables, graphs, diagrams, infographics, photographs).



MasterDocs authoring platform

The perfect web-based tool to collaboratively author a wide range of publications

MasterDocs allows you to:

- collaborate with others on different parts of a document
- reuse and update information from a single source
- manage reviews and approvals of content
- publish to multiple formats.

SUNDAY 2nd february

PDF of full
session details



10:00-13:00 **Community Storytelling Series (part 1)**

#S1

Lab 2, The Edge, State Library

bit.ly/1maNE0f

Telling stories with images using smart phones and tablets

A free 3 hour afternoon workshop for delegates facilitated by Susan Rooney-Harding and hosted by The Edge, State Library of Queensland.

Places are limited to the first 40 RSVPs.

What the session will cover:

- The power of images
- What makes a great image?
- How to tell a story with an image
- Basic photography rules (using an iPhone/Android)
- Some great photography and editing apps
- Sharing images - Tweeting, Facebook and Instagram
- What is a hashtag and how do you use them on social media
- Practical Session.

PRESENTER:

Susan
Rooney-
Harding



PRODUCER:

Kali Madden



15:00

The Storytelling of Science: A triple anniversary celebration

#S2

Edge Auditorium, The Edge, State Library

bit.ly/1i5oW3S

As attention spans shrink the ability to engage others with science is getting harder, but does this have to be the case? Whether it is Archimedes taking a bath or an apple falling on Newton's head, stories are far more engaging and easier to remember than the facts science has to offer.

The ABC, the Australian Academy of Science, the Australian Science Communicators, and BrisScience are bringing Australia's top scientists and communicators together to explore the storytelling of science. See the best in the nation tell their own story of science, and drive their discussion on the stories behind cutting edge science. From the origin of the universe to the exciting technologies that will change our future, this event is one story you will want to hear.

Anniversaries in 2014

- 60 years: Australian Academy of Science
- 50 years: ABC Science
- 20 years: Australian Science Communicators

\$20 for both general public and delegates.

With guest bloggers from CitizenJ

HOSTED BY: Australian Science Communicators and BrisScience.

SPONSORED BY:



FEATURING:

Tim Flannery
Chair of the
Climate Council



Jenny Graves
Australian
Academy of
Science Secretary
for Education and
Public Awareness



Lynne Malcolm
ABC Science



Jesse Shore
Prismatic
Sciences



Peter Adams
The University of
Queensland



HOSTED BY:

Andrew
Stephenson
BrisScience



PRODUCERS:

Kali Madden



Andrew
Stephenson



Add the session
#hashtag and **#ASC14**
on all your tweets to join
the conversation

Use the bitly links
to go direct to the
online information
for each session

Theme

Is

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Series
of talks

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Professional
development

8:30-9:45 **Opening Session** #M1 Auditoriumbit.ly/1maNRR7

Welcome to Country

ASC welcome and Conference opening

SPEAKER: Joan Leach

The evolving challenge of science communication

KEYNOTE SPEAKER: Ian Lowe

On conflict, change and creativity – the role of 'Communication Cubed'

THE IAN LOWE ADDRESS: Geoff Garrett AO, Queensland Chief Scientist**PRODUCERS:** Kali Madden, Claire Harris9:45-10:45 **Plenary** #M2 Auditoriumbit.ly/1fEXvxO

ARC, NHMRC, CSIRO: The leaders give their perspective on science communication in 2014

SPEAKERS: Warwick Anderson, Aidan Byrne and Oona Nielssen**PRODUCER/FACILITATOR:** Niall Byrne

Pr

10:45-11:15 **Morning tea** - Interview booth available bit.ly/1jhN8QT Foyer

11:15-12:15 Auditorium Open or perish: Long live the new king PRODUCER/CHAIR: Maia Sauren SPEAKERS: Clive Morris, Richard Jefferson, Pia Waugh, Mark Hahnel and Fabiana Kubke Is Pr #M3	Room B1 Business and industry, communities and controversy: What role does science communication play in public engagement? PRODUCERS: Claire Harris and Julia Martin FACILITATOR: Julia Martin SPEAKERS: Kurt Heidecker, Geoff Brooke, Jason Prior, Suzanne Miller and Jacqui McGill Is Pr #M4	Room B2 Science interest through the 'difficult years': A panel discussion with the audience PRODUCER: Simon Carroll SPEAKERS: Tom Gordon, Graham Walker, Kelly Matthews, Yvonne Van Der Ploeg and Craig Cormick Is Pr #M5	Room B3 Science Communication on the Internet: A Beginner's Guide PRODUCER AND SPEAKER: Alex Jurkiewicz Im Pd #M6
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12:15-13:30 **Lunch** - Interview booth available bit.ly/1jhN8QT Foyer13:30-13:45 **Plenary** #M7 Auditoriumbit.ly/1b1ROWE

The Inspiring Australia strategy and outcomes: New in 2014

SPEAKER: Simon France**PRODUCER:** Claire Harris13:45-14:15 **Plenary** #M8 Auditoriumbit.ly/1eQj23z

Science and the information big bang

KEYNOTE SPEAKER: Susannah Elliott**PRODUCER:** Claire Harris

Add the session
#hashtag and #ASC14
on all your tweets to join
the conversation

Theme

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Advanced

Type

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Produced session

St

Series of talks

Pd

Professional development

MONDAY 3rd february

PDF of full session details



15

14:15-15:15

Auditorium

Science journalism under the microscope

bit.ly/Lf4Hm7

PRODUCERS:

Bianca Nogrady and Sarah Keenihan

CHAIR:

Natasha Mitchell

SPEAKERS:

Jenni Metcalfe, Graham Readfearn, Ian Townsend and Leigh Dayton

Pr

#M9

Room B1

Science communication and leadership (part 1): Learning from our journeys

PRODUCERS:

Claire Harris and Sarah Lau

SPEAKERS:

Léonie Rennie, Susannah Elliott, Sue Stocklmayer, Cathy Foley and Misty Jenkins

An Im B I Pr #M10

Room B2

Learning from/Working with other disciplines

PRODUCER:

Corinna Lange

SPEAKERS:

Gabriele Bammer, Mel Kettle and Lilly Lim-Camacho

Is Pr

#M11

Room B3

Storytelling for Leaders (part 1)

PRODUCER:

Claire Harris

SPEAKER:

Shawn Callahan

Im I Pd

#M12

15:15-15:45 **Afternoon tea** - Interview booth available bit.ly/1jhN8QT

Foyer

15:45-16:45

Auditorium

The new science evangelism: Boon or bane for science communication?

bit.ly/1driiR7

PRODUCER:

Rod Lamberts

FACILITATOR:

Will Grant

SPEAKERS:

David Ritter, Paul Willis, Rod Lamberts and Anna-Maria Arabia

Im Pr

#M13

Room B1

Science communication and leadership (part 2): Shaping our culture

PRODUCERS:

Claire Harris and Sarah Lau

SPEAKERS:

Léonie Rennie, Susannah Elliott, Sue Stocklmayer, Cathy Foley and Misty Jenkins

An Im B I Pr #M10

Room B2

Science as News

PRODUCER/FACILITATOR:

Niall Byrne

SPEAKERS:

Jake Sturmer, Bridie Smith, and Lyndal Byford

Im Pr

#M14

Room B3

Storytelling for Leaders (part 2)

PRODUCER:

Claire Harris

SPEAKER:

Shawn Callahan

Is Im Pd

#M12

16:45-17:00 **Break**

17:00-18:00 **Debate**

#M15

Auditorium

Social media in science: hero or villain?

bit.ly/1eGEvty

SPEAKERS: Natasha Mitchell, Elizabeth Finkel, Will Grant, Vanessa Hill, Merryn McKinnon, Damian Harris and Jenni Metcalfe, Tamzin Byrne and Rod Lamberts

PRODUCER: Ian McDonald

Is Pr

18:00-20:00 **Welcome event**

#M16

Foyer

Official SPECTRUM Science-Art Exhibition opening **PRODUCER:** Kate Patterson

bit.ly/1aclxNb

PRESENTERS: Signe Cane, Paula Lourie and Meredith Ross, Mandy Bamford, Jenni Metcalfe, David Wong, Siouxsie Wiles and Rebecca Klee, Kate Patterson, Bobby Cerini, Eleanor Gates-Stuart

SCINEMA Screening: Best use of visual in SCINEMA entries from the past few years

SPEAKER: Damian Harris **PRODUCER:** Kate Patterson

Poster Exhibition Session **PRODUCER:** Peter Wheeler

PRESENTERS: Mandy Bamford, Teresa Belcher, Alison Binney, Tamzin Byrne, Bobby Cerini, Sarah Cole, Emma Donnelly, Phil Dooley, Eleanor Gates-Stuart, Daniella Goldberg, Dee Halil, Tamika Heiden, Paula Lourie, Jennifer Manyweathers, Peter McAllister, Jenni Metcalfe, Robbie Mitchell, Mary O'Callaghan, Cecily Oakley, Kate Patterson, Janet Salisbury, Christine Schneyer, Alexandra Soderlund, Bronwyn Terrill, Siouxsie Wiles

CATERING SPONSOR:



Vi Pr

19:00-20:00 **Speed networking**

#M17

Room B3

PRODUCERS: Joan Leach, Tom Dixon and Robbie Mitchell

bit.ly/1i5qgnw

HOSTED BY: SEQ Branch of ASC and The University of Queensland

Use the bitly links to go direct to the online information for each session

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TUESDAY 4th february

PDF of full session details



7:00-8:30	SCANZ-ASC Breakfast Event			#T1	Rydges South Bank		
bit.ly/1jaSb5C	Evolution of science communication in New Zealand and Australia				An Pr		
	SPEAKERS: Ian Lowe, Jean Fleming, Toss Gascoigne PRODUCER: Christine Ross FACILITATOR: Jenni Metcalfe						
9:00-9:15	Visual fast forwards			#T2	Auditorium		
bit.ly/1eQk3sp	A taster from Sci-Art SPECTRUM exhibition. In 1 minute and with 2 slides these sensational Sci-Art practitioners will give you a visual snapshot of their work. Vote for your favourite!						
	PRODUCERS AND SPEAKERS: Kate Patterson, Signe Cane						
9:15-9:45	Plenary			#T3	Auditorium		
bit.ly/LpgDTc	Seeing is believing: Why showing the nitty-gritty details is key to public engagement and excitement						
	KEYNOTE SPEAKER: Drew Berry PRODUCER: Kali Madden						
9:45-10:30	Auditorium	Room B1	Room B2		Room B3		
bit.ly/1czXN1c	The value of visualisation in science communication	Across the Tasman: Science communication in New Zealand	Case studies and papers: Contributions of books to sci comm history, creative storytelling inspired by wrestling, igniting curiosity in pre-school children		Working with scientists in developing countries to communicate science		
	PRODUCER: Kate Patterson PRODUCERS/FACILITATORS: Signe Cane, Tim Dean PANELLISTS: Drew Berry, Shilo McClean, Kate Patterson, Elizabeth Cerini, Mary Rosengren	PRODUCER: Maia Sauren CHAIR: Christine Ross PANELLISTS: Siouxsie Wiles, Fabiana Kubke, Jean Fleming	SPEAKERS: Christine Schneyer, Steve Ting, William Palmer		PRODUCER: Jenni Metcalfe SPEAKERS: Cathy Reade, Michelle Kovacevic, Toss Gascoigne		
	Vi Pr #T4	In Pr #T5	Im Re St #T6		Im Pr #T7		
10:30-11:00	Morning tea - Interview booth available bit.ly/1jhN8QT				Foyer		
11:00-12:00	Auditorium	Room B1	Room B2		Room B3		
bit.ly/1maQAlj	Hitchhiker's Guide to the Digital Universe	Communicating science through theatre: A new way to reach new audiences	Case studies and papers: Use of online and print media channels by scientists and communicators, local to international engagement		From concept to screen: Navigating the animation process and getting the best results		
	PRODUCER: Alison Leigh SPEAKERS: Jenni Metcalfe, Bernie Hobbs	PRODUCER: Jo Elliott SPEAKERS: Jo Elliott, Graham Walker, Lisa Bailey	SPEAKERS: Upulie Divisekera, Sarah Keenihan, Vanessa Hill, Renee Sizer		PRODUCER AND SPEAKER: Adrian King		
	Is Pr #T8	Im Pr #T9	Re Is In St #T10		Vi B I Pd #T11		
12:00-13:15	Lunch - Interview booth available bit.ly/1jhN8QT				Foyer		
12:15-12:45	Australian science and technical style manual update — Biotext bites the bullet at last! bit.ly/1i5r1gs SPEAKERS: Janet Salisbury, Richard Stanford and Malini Devadas			#T12	Room B3		
12:30-13:00	SCREN Lunch meeting				Downstairs café		
13:15-14:00	Auditorium	Room B1	Room B2		Room B3		
bit.ly/1drkh7Y	The national engagement strategy, from Inspiring Australia to inspiring next door	Impact: Is the Answer Communication not Commercialisation?	The emergence of modern science communication in Australia and New Zealand		Getting published in science		
	PRODUCERS: Simon France, Claire Harris SPEAKERS: Allan Dale, Kylie Walker, Keely Quinn	PRODUCER AND SPEAKER: Fiona McNeen	PRODUCER: Toss Gascoigne MODERATOR: Jenni Metcalfe SPEAKERS: Jean Fleming, Ian Lowe, Toss Gascoigne		PRODUCER AND SPEAKER: Hilary Hamnett		
	Im Pr #T13	Im I A Pr #T14	An Is Pr #T15		Im Re Pd #T16		

Use the bitly links to go direct to the online information for each session

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TUESDAY 4th february

14:00-14:15 **Break**

14:15-15:15

Auditorium

Case studies and papers:
Communicating in the mix
of hard data, perceptions,
advocacy and emotions

SPEAKERS:

David Ritter, Matthew
Cawood

St

#T17

Room B1

Case studies and papers:
Better understanding
audiences

SPEAKERS:

Craig Cormick, Tsuey
Cham, Luke Menzies, Vicki
Martin

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#T18

Room B2

Case studies and papers:
Online communities
of practice, science
represented on stamps,
what impedes scientists
communicating?

SPEAKERS:

Nigel Mitchell, Heather
Bray, Christopher
Yardley, Diana Jasudasen

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#T19

Room B3

Editing scientific content
(part 1)

PRODUCER AND SPEAKER:
Malini Devadas

Is

Pd

#T20

15:15-15:45 **Afternoon tea** - Interview booth available bit.ly/1jhN8QT

Foyer

15:45-16:45

Auditorium

Developing the evidence
base: Inspiring Australia
supported research

PRODUCER:

Nancy Longnecker

MODERATOR:

Léonie Rennie

AUTHORS/PRESENTERS:

Nancy Longnecker,
Jenni Metcalfe, Sue
Stocklmayer, Suzette
Searle, Joan Leach, Fabian
Medvecky, Jo Elliott and
Léonie Rennie

Im

St

#T21

Room B1

Knowledge brokering
in Australia: Influencing
policy and practice

PRODUCER:

Eve Merton

SPEAKERS:

Stefan Kaufman, Liam
Smith, Doreen Erhart, Jean
Palutikof, Suzanne Long

Im

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#T22

Room B2

Inspiring Australia's Digital
Engagement sessions:

- Digital strategies
- Are you a digital
optimist or pessimist?

PRODUCER:

Jayne Fenton Keane

SPEAKER:

David Keane

Is

Pr

#T23

Room B3

Editing scientific content
(part 2)

PRODUCER AND SPEAKER:
Malini Devadas

Is

Pd

#T20

16:45-17:00 **Break**

17:00-18:00

Auditorium

Case studies: On-ground
Inspiring Australia projects

PRODUCERS:

Simon France, Claire
Harris

SPEAKERS:

Jackie Randles, Keely
Quinn, Kylie Walker

Im

Pr

#T24

Room B1

Case studies and papers:
Science-art, engagement
events

SPEAKERS:

Carly Siebentritt, Renee
Beale, Dervise
Halil, Jayne Fenton
Keane

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#T25

Room B2

Case studies and papers:
Films, theatre, YouTube,
interactive digital
learning

SPEAKERS:

Mzamosé Gondwe,
Michael Mills, Miriam
Sullivan, Anne Brant,
Sherwin Huang

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#T26

Room B3

Editing scientific content
(part 3)

PRODUCER AND SPEAKER:
Malini Devadas

Is

Pd

#T20

18:00-19:00 **Break**

19:00-21:00 **ASC2014 Conference Dinner**

#T27

Boulevard Room

[bit.ly/
KnfJFc](http://bit.ly/KnfJFc)

Special guest speakers, the Unsung Hero of Australian Science Communication Award

MC: Robyn Williams

PRODUCERS: Claire Harris, Kali Madden

Science Cabaret

PERFORMERS: Graham Walker, Phil Dooley, Professor Flint (aka Michael Mills)

PRODUCER: Phil Dooley

PROUDLY SPONSORED BY:



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8:45-9:00 **Sci-Art SPECTRUM** #W1 Auditorium

bit.ly/KnfQAE

Sci-Art SPECTRUM exhibition summary and awards
PRODUCERS AND SPEAKERS: Kate Patterson, Signe Cane

9:00-9:30 **Plenary** #W2 Auditorium

bit.ly/1dBjmCR

Tik and Bubbles: The evolution of an underwater superhero
KEYNOTE SPEAKER: Lloyd Godson
PRODUCER: Claire Harris

9:30-10:15 **Auditorium** #W3

bit.ly/1dXkZHG

Making science accessible: Learning science outside of school
PRODUCER: Nancy Longnecker
SPEAKER: Léonie Rennie

Is Pr

#W3

Room B1 #W4

The Idiot, the Disengaged, The Counterpublic: Rethinking Audiences for Science Communication
PRODUCER: Joan Leach
SPEAKERS: Gay Hawkins, Fabien Medvecky and Maureen Burns

Re Pr

#W4

Room B2 #W5

How we can learn from the science-based public debates of the past (and present) and use that knowledge to shape those of the future?
PRODUCER: Bronwyn Terrill
PANELLISTS: Craig Cormick and Will Grant

Is B I Pr

#W5

Room B3 #W6

Do you speak Commerce?
PRODUCER AND SPEAKER: Fiona McNee

Is Pd

#W6

10:15-10:45 **Morning tea** - Interview booth available bit.ly/1jhN8QT Foyer

10:45-11:45 **Auditorium** #W7

bit.ly/1i5sjYH

Hot air or hot action: How communication is part of responding to controversial debates such as climate change
PRODUCERS: Claire Harris and Simon Torok
SPEAKERS: Jaelle Bajada, Lyndal Byford, John Gardner, Alvin Stone and Corey Watts

In Pr

#W7

Room B1 #W8

Delivering integrated reports from interdisciplinary projects
PRODUCER: Maryam Ahmad
SPEAKERS: Becky Schmidt and Heinz Buettikofer

In B I Pr

#W8

Room B2 #W9

Case studies and papers: Citizen science
SPEAKER: Craig Cormick, Jean Fletcher, Kirsten Gottschalk, Philip Roetman

Im St

#W9

Room B3 #W10

Community Storytelling Series 2 (part 1): Art and practice of story capturing
PRODUCER: Kali Madden
SPEAKER: Susan Rooney-Harding

Pd

#W10

11:45-12:00 **Break**

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12:00-12:45

Auditorium

Case studies and papers:
Evaluation, research,
narrative, children's
education

SPEAKERS:

Melanie McKenzie, Kohei
Ishigami, Jasmine Leong

Re Is St

#W11

[bit.ly/
LpjjjB](https://bit.ly/LpjjjB)

Room B1

Case studies and papers:
Agricultural audiences,
apps, messaging and
visualisation

SPEAKERS:

Claire Harris, Brogran
Micallef, Eleanor Gates-
Stuart

Im In Is Vi St #W12

Room B2

Case studies and
papers: Climate change,
adaptation and trust

SPEAKERS:

Jenni Metcalfe, Liese
Coulter, Sarah Cole

Is St

#W13

Room B3

Community Storytelling
Series 2 (part 2): Art and
practice of story capturing

PRODUCER:

Kali Madden

SPEAKER:

Susan Rooney-Harding

Pd

#W10

12:45-13:45 **Lunch** - Interview booth available bit.ly/1jhN8QT

Foyer

13:45-14:30

Auditorium

Case studies and papers:
Engaging different
audiences: Maths
communication, events
and entertainment

SPEAKERS:

David Shaw, Gary Ellem,
Danielle Lloyd-Prichard,
Carrie Bengston

Is St

#W14

[bit.ly/
1cA0fEK](https://bit.ly/1cA0fEK)

Room B1

Evaluation workshop:
Collecting evidence to
determine if you have had
an impact

PRODUCERS AND SPEAKERS:

Jo Elliott, Nancy
Longnecker, Mzamose
Gondwe

Im Pd

#W15

Room B2

Case studies and papers:
Communicating risk and
tackling misinformation

SPEAKERS:

John Cook, Kylie Walker

Im St

#W16

Room B3

Community Storytelling
Series 2 (part 3): Art and
practice of story capturing

PRODUCER:

Kali Madden

SPEAKER:

Susan Rooney-Harding

Pd

#W10

14:30-14:45 **Break**

14:45-15:30

Auditorium

Case studies and papers:
Influencing enrolments
and career choices, young
people and students in
high school and university

SPEAKERS:

Maria Barrett, Tom
Gordon, Terry Burns

Im Re St

#W17

[bit.ly/
Lf8VKD](https://bit.ly/Lf8VKD)

Room B1

Case studies and papers:
International agricultural
research, collaboration
and interaction and
engaging with audiences
online

SPEAKERS:

Wesley Ward, Joanna
Hicks, Pahia Cooper

In Is St

#W18

Room B2

Case studies and papers:
Communicating risk and
tackling misinformation
in human and animal
disease and biosecurity

SPEAKERS:

Oriana Brine, Janet
Salisbury, Jennifer
Manyweathers

Im Is Re St

#W19

Room B3

Community Storytelling
Series 2 (part 4): Art and
practice of story capturing

PRODUCER:

Kali Madden

SPEAKER:

Susan Rooney-Harding

Pd

#W10

15:30-16:00 **Afternoon tea** - Interview booth available bit.ly/1jhN8QT

Foyer

16:00-16:30 **Formal Conference wrap up**

#W20

Auditorium

[bit.ly/
1mg3YQb](https://bit.ly/1mg3YQb)

What has transpired at ASC2014? This session will highlight
reflections from the diverse community attending ASC2014.

PRODUCER: Conference committee

16:30-17:00 **Conference networking**

#W21

Foyer

[bit.ly/
1avhWWo](https://bit.ly/1avhWWo)

PRODUCER: Conference committee

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THURSDAY 6th february

9:30-17:30 **Community Storytelling Series (part 3)**

#TH1 The Edge, State Library

bit.ly/1avyRuW

iPad/iPhone movie making using your iPads and iPhones.

Learn how to create a short video from your iPad/iPhone. You no longer need expensive cameras, editing suites and audio recorders! All you will need is an iPad or iPhone, a few cool apps and some inexpensive tools and you have yourself a one-stop media creation kit. In this day course you will learn how to use your iPad/iPhone to create a short video piece. Hosted by The Edge, State Library of Queensland.

In this workshop we will cover:

- Apps – what apps are needed and some cool tools that are available to get the best audio and footage,
- Making a Short Video - How to shoot great footage and capturing clear audio,
- Editing and publishing your work.

What you will need to bring:

- iPad, iPhone.

Apps to install on iPad/iPhone:

- Install iMovie app.

COST: \$150. Limited to the first 20 RSVPs.

NOTE: "The art and practice of story capturing" on Wednesday is a pre-requisite for this course.

PRESENTER:

Susan
Rooney-
Harding



PRODUCER:

Kali Madden



Australian
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Australian National Centre for the Public Awareness of Science

SPEAKER INDEX AND BIOGRAPHIES



Ahmad, Maryam

CSIRO Land and Water

WEDNESDAY 10:45, ROOM B1, #W8

Maryam Ahmad is an Accredited Editor with 5 years experience in editing and coordinating scientific reports in natural resource management, geology, hydrology and ecology.



Anderson, Professor Warwick

MONDAY 9:45, AUDITORIUM, #M2

Professor Warwick Anderson is the Chief Executive Officer (CEO) of NHMRC, Australia's major governmental funding body for health and medical research. Previously, he was Head of School of Biomedical Sciences at Monash University and Deputy Director of the Baker Medical Research Institute, following research fellowships at the University of Sydney and Harvard Medical School.



Professor Anderson obtained his PhD from the University of Adelaide. His research has focused on renal causes of hypertension, including the roles of renal vascular remodeling, renal innervation and the renin-angiotensin system. He has published over 170 peer review articles.

Professor Anderson is a member of the Prime Minister's Science Engineering and Innovation Council, a Board member of the Global Alliance for Chronic Disease, a member of Heads of International (Biomedical) Research Organizations and of the National Lead Clinicians Group. He is an Honorary Fellow of the Royal College of Pathologists of Australasia and an International Fellow of the American Heart Foundation. He was made a Member of the Order of Australia in 2005.

Arabia, Anna-Maria

Director of Policy, Leader of the Federal Opposition, Bill Shorten

MONDAY 15:45, AUDITORIUM, #M13

Anna-Maria Arabia is currently the Director of Policy for the Hon Bill Shorten, Leader of the Federal Opposition. She was until recently the General Manager at Questacon, a position which included overseeing the Inspiring Australia initiative. Before this, Anna-Maria was CEO of Science & Technology Australia (formerly FASTS) the national peak body for the science and technology sector. She has worked extensively with parliamentarians, business leaders, the media and the broader community and is a Director of the Board of Spinal Cord Injuries Australia. Anna-Maria also has experience as a research scientist working in neuroscience in Australia and overseas.



Bailey, Dr Lisa

RiAus

TUESDAY 11:00, ROOM B1, #T9

Lisa Bailey is a science communicator and Program Manager at RiAus, Australia's national science communication hub.

Starting out in research she obtained her PhD in biochemistry at the University of Adelaide. She has worked as a science communicator at The University of Adelaide, with Bridge8 and with the Royal Institution of Great Britain, where she co-ordinated a national science speaker program for young people and worked on the famous Ri Christmas Lectures, screened annually on the BBC. In 2009 she joined the brand new RiAus in Adelaide, where she now manages a varied science engagement program of events and art exhibitions for audiences across the country. Lisa is also the Inspiring Australia Manager for SA.



Bajada, Jaelle

WEDNESDAY 10:45, AUDITORIUM #W7

Jaelle Bajada is the National Communications Manager for the National Carbon Capture and Storage Council where she is responsible for communicating the story of carbon capture and storage technology in Australia. She has more than 13 years' experience implementing successful communication campaigns primarily for government. She has recently worked on some of the most high-profile federal government policy communication campaigns and has also worked as a media advisor to a senior minister and parliamentary secretary in the portfolio areas of climate change and energy efficiency. Jaelle holds a Bachelor of Arts (Public Relations) and a Masters of Marketing Communication.



Bamford Mandy and Dr Mike Bamford

MONDAY 18:15, FOYER, #M16

Mandy Bamford has worked as an environmental communicator in Western Australia for 25 years. Mandy's childhood passion for wildlife led to an Honours degree in Zoology from University of Western Australia. Mandy presents community workshops, writes web-based and printed education packages, books, brochures and signage, and is a sessional tutor in Science Communication at UWA. Mandy is an occasional guest presenter on ABC Local Radio in Perth, often in combination with her husband, biologist Mike Bamford. Together, Mike and Mandy run a biological consultancy specializing in ecological research and environmental communication for industry, government, schools and



SPEAKER INDEX AND BIOGRAPHIES



community groups. Mike and Mandy are also active in voluntary environmental work and were jointly awarded the inaugural Biodiversity Ambassadorship Award by the Curtin Institute for Biodiversity and Climate in 2011.

Bammer, Professor Gabriele

Director, National Centre for Epidemiology & Population Health, ANU

MONDAY 14:15, ROOM B2, #M11

Gabriele Bammer is a professor at The Australian National University and is developing the new discipline of Integration and Implementation Sciences (I2S). I2S aims to improve research strengths for tackling complex real-world problems by synthesising disciplinary and stakeholder knowledge, understanding and managing diverse unknowns, and providing integrated research support for policy and practice change (see i2s.anu.edu.au). This is described in her book *Disciplining Interdisciplinarity: Integration and Implementation Sciences for Researching Complex Real-World Problems* (ANU E Press, 2013). She is also an ANU Public Policy Fellow, a Research Fellow at the Program in Criminal Justice Policy and Management at Harvard University John F. Kennedy School of Government, and the convenor of the ARC Centre of Excellence in Policing and Security's Integration and Implementation research program.



Barrett, Maria

Science and Engineering Faculty, QUT

WEDNESDAY 14:45, AUDITORIUM, #W17

Maria Barrett is Equity School Program Coordinator in the Science and Engineering Faculty, providing STEM outreach programs to primary and secondary schools under the Faculty's Widening Participation program. Maria manages the successful Extreme Science and Engineering van program which has had a state-wide reach to over 120,000 students during its 12 years of operation. Maria is also a doctoral student in the Faculty of Education, and has expertise in primary science and environmental education.



Beale, Dr Renee

ARC Centre of Excellence for Free Radical Chemistry and Biotechnology

TUESDAY 17:00, ROOM B1, #T25

Renee Beale received her PhD in Genetics in 2006 from the University of Melbourne, followed by a three-year Postdoctoral appointment at Monash University. Renee has over seven years experience as a science communicator, currently managing the public education program for the ARC Centre of



Excellence for Free Radical Chemistry and Biotechnology, and the Insight Radical art/science project.

Belcher, Teresa

Rangelands NRM WA Coordinating Group Ptd Ltd

MONDAY 18:15, FOYER, #M16

Teresa has over 15 years experience in the communication of science, health and engineering projects. She has university qualifications in biology, environmental science and environmental management as well as a Masters in scientific communication. Teresa recently returned to her hometown of Perth after living and working in Canberra, Switzerland and the UK for nearly 17 years. She has a wide range of experience in corporate communication, public relations, journalism, web design and maintenance, new media, event management and training in both the public and private sectors. Teresa's role as Communications Manager for Rangelands NRM is allowing her to combine her background and interest in the environment with her skills in communicating science.



Bengston, Carrie

WEDNESDAY 13:45, AUDITORIUM, #W14

Carrie Bengston has 20 years' experience in CSIRO communicating mathematical sciences research and its impact. She is Communication Manager for CSIRO Computational Informatics, CSIRO's home of data science and digital technology research. While Carrie's science background in originally in the life sciences, she is constantly amazed (very tiring) at how many areas of life the mathematical sciences touch on and finds the language of maths compelling and at times, even beautiful.



Berry, Drew

Walter and Eliza Hall Institute of Medical Research

TUESDAY 9:15, AUDITORIUM, #T3

TUESDAY 9:45, AUDITORIUM, #T4

Drew Berry is a biologist-animator whose scientifically accurate and aesthetically rich visualisations reveal cellular and molecular processes for a wide range of audiences. Trained as a cell biologist and microscopist Drew brings a rigorous scientific approach to each project, immersing himself in relevant research to ensure current data are represented. Drew received B.Sc. (1993) and M.Sc. (1995) degrees from the University of Melbourne. Since 1995, he has been a biomedical animator at the Walter and Eliza Hall Institute of Medical Research. His animations



SPEAKER INDEX AND BIOGRAPHIES



have exhibited at venues such as the Guggenheim Museum, MoMA, the Royal Institute of Great Britain and the University of Geneva. In 2010 he received a MacArthur Fellowship "Genius Award".

Recognition and awards

- MacArthur Fellowship, 2010
- New York Times "If there is a Steven Spielberg of molecular animation, it is probably Drew Berry." 2010
- The New Yorker "[Drew Berry's] animations are astonishingly beautiful", December 2008
- American Scientist "The admirers of Drew Berry, at the Walter and Eliza Hall Institute in Australia, talk about him the way Cellini talked about Michelangelo.", September 2009
- Nature journal's Niche Prize, UK 2008-9
- Emmy for DNA documentary series by Windfall Films, 2005
- BAFTA award for DNA Interactive DVD by RGB Co, UK 2004

Highlight Exhibitions and Productions

- E.O. Wilson's Life on Earth iPad textbook
- Björk's Biophilia iPad App and 'Hollow' music video
- University of Geneva's Genome Dome exhibition, Switzerland 2009-10
- Genes and Jazz at the Guggenheim with Harold Varmus, USA 2008-9
- The Royal Institution of Great Britain installation, UK 2008-9
- Shanghai Zendai Museum of Modern Art Strange Attractors exhibition, China 2006
- Museum of Modern Art Premieres exhibition, USA 2004-5

Binney, Alison

Econnect Communication

MONDAY 18:15, FOYER, #M16

Alison Binney is a senior science writer, web developer and journalist. She has national and international experience in news writing, editing, visual communication design, and social media strategies. She is an award-winning journalist and managed web and communication agencies in London and Germany working for scientific, commercial, professional and corporate industries. Bachelor of Arts, Major in Journalism, Minor in Psychology.



Brant, Anne

TUESDAY 17:00, ROOM B2, #T26

Anne Brant is the Science, Technology, Engineering and Mathematics (STEM) Teacher in residence at Queensland University of Technology's (QUT) Garden Point Campus. Anne's role is to work with teaching, research and curatorial staff to design, write and deliver programs and classroom activities to support the Science and Engineering Faculty's School Engagement Strategy, and to promote secondary school students' engagement with QUT's Science and Engineering Centre. Anne has taught science and mathematics in both state and independent primary and secondary schools, as well as the International Baccalaureate program and has a passion for developing hands on learning activities.



Bray, Dr Heather

School of History & Politics & Waite Research Inst., The University of Adelaide

TUESDAY 14:15, ROOM B2, #T19

Dr Heather Bray is a science communicator and researcher in agriculture and food at the University of Adelaide. She is fascinated by both the science in agriculture and the social aspects of food production in contemporary Australia.

Heather has a background in agricultural and animal science (BScAgr (Hons), PhD (Veterinary Science)) and has worked as a research scientist in both Australia and the Netherlands.

After completing a Graduate Diploma in Science Communication, she developed education and community engagement programs for agricultural research centres that use complex and controversial technologies, as well as a range of professional development programs for young and developing scientists.

Strongly committed to life-long learning, Heather is currently completing a Masters in Education (Leadership and Management).



Brine, Oriana

The Ministry for Primary Industries

WEDNESDAY 14:45, ROOM B2, #W19

Oriana Brine is a Biosecurity Advisor at the Ministry for Primary Industries (MPI) in New Zealand. She completed her BSc (2010) from the University of Waikato and MSc (2012) at the University of Auckland. Working at MPI highlights the necessity of communicating complex scientific issues in a manner understandable to the media, members of the public,



SPEAKER INDEX AND BIOGRAPHIES



and governments. She is involved in developing readiness and response strategies and plans, contributing to and leading responses against pests and diseases, and developing response plans and tools.

Brooke, Dr Geoff

MONDAY 11:15, ROOM B1, #M4

Dr Geoff Brooke founded GBS in 1996 and has more than 20 years' venture capital experience. He was formerly President of Medvest Inc., a US-based early-stage venture capital group he founded with Johnson & Johnson. Geoff's experience includes company formation and acquisitions, as well as public listings on the NYSE, NASDAQ and ASX exchanges. He has been a founder, executive and director of private and public companies and has an extensive international network. Geoff is currently on the board of GBS portfolio companies CoDa Therapeutics, NIA, Sunshine Heart and Uptake Medical. Geoff is licensed in clinical medicine by the Medical Board of Victoria, Australia and his post-graduate work was in anaesthetics/intensive care. He earned his Bachelor of Medicine/Surgery from the University of Melbourne, Australia and a Masters of Business Administration from IMEDE (now IMD) in Lausanne, Switzerland.



Buettikofer, Heinz

WEDNESDAY 10:45, ROOM B1, #W8

Heinz Buettikofer is a cartographer with 30 years experience in designing and producing maps that elegantly illustrate results of research in land and water.



Burns, Dr Maureen

WEDNESDAY 9:30, ROOM B1, #W4

Dr Maureen Burns is head of the Media Studies program at the University of Queensland and has published extensively on public service broadcasting and popular science.



Burns, Dr Terry

WEDNESDAY 14:45, AUDITORIUM, #W17

Terry Burns is a professional science communicator from the University of Newcastle. He is director of the award-winning Science and Engineering Challenge, founder of the popular SMART science communication program, as well as course coordinator of an online general elective course called 'Science and Professional Communication'. He has TAFE and University qualifications



in Engineering, and a PhD in science communication. Despite that he is a friendly and approachable sort of bloke.

Byford, Lyndal

MONDAY 15:45, ROOM B2, #M14

WEDNESDAY 10:45, AUDITORIUM, #W7

Lyndal has an Honours Degree in biotechnology from Flinders University and a Graduate Diploma in Science Communication from the Australian National University. She has over 13 years' experience in communicating science in a range of settings including science museums, within the pharmaceutical industry and in media relations. Lyndal joined the UK Science Media Centre as its inaugural engineering press officer in 2005 before returning to Australia in 2007 to take up the Media Manager role at the Australian Science Media Centre. Lyndal regularly speaks at public forums on science media relations and has written for publications including Crikey, ABC, and News Corp Australia. Lyndal was also a member of Inspiring Australia's Science and the Media Expert working group for the Federal Department of Innovation, Industry, Science and Research.



Byrne, Professor Aidan

MONDAY 9:45, AUDITORIUM, #M2

Professor Aidan Byrne is CEO of the Australian Research Council. He was appointed in July 2012.

Previously the Dean of Science and the Director of the ANU College of Physical and Mathematical Sciences, Professor Byrne brings with him a wealth of industry knowledge and expertise particularly in the Physical and Mathematical Sciences and Engineering.

Professor Byrne completed a BSc and MSc degrees at the University of Auckland before commencing a PhD degree at the ANU in 1981. Following the completion of the degree in Department of Nuclear Physics he held positions with the University of Melbourne and spent over two years in Bonn, Germany as a von Humboldt fellow. He returned to the ANU in 1989 as a Research Fellow and in 1991 commenced a joint appointment between the Department of Physics, in the Faculty of Science and the Department of Nuclear Physics, Research School of Physical Sciences and Engineering. He was Head of the Department of Physics from 2003 to 2007.

His research interests involve the use of gamma-rays as probes to determine the structure of heavy nuclei and as probes in the examination of the atomic level structure of materials (especially semiconductors); he has published over 200 papers.



SPEAKER INDEX AND BIOGRAPHIES



Byrne, Niall

MONDAY 9:45, AUDITORIUM, #M2

MONDAY 15:45, ROOM B2, #M14

Niall Byrne is a science writer and publicist with Science in Public in Melbourne. Working with CSIRO, the Prime Ministers Prizes for Science, L'Oreal Australia and other clients he helps scientists bring their work into the public space through the media, events and festivals. He also guides science organisations in the development of communication strategies to reach their stakeholders, customers and the public. He learnt his trade in the 1990s at CSIRO's Australian Animal Health Laboratory.



stories and communicate those strategies more effectively. Shawn has been soundly beaten at tennis by Wally Masur and has retired from playing basketball at least once a year for the past 10 years.

Cane, Signe

MONDAY 18:15, FOYER, #M16

TUESDAY 9:00, AUDITORIUM, #T2

TUESDAY 9:45, AUDITORIUM, #T4

WEDNESDAY 8:45, AUDITORIUM, #W1

Signe is a freelance science writer and communicator. She is the editor and science-art curator of Wonder, a website dedicated to rational appreciation of the natural world. Signe has written for The Scientist, Australasian Science, New Philosopher and others. She is also the co-founder of the Latvian Skeptic Society and dedicates her free time to the promotion of critical and rational thinking. She has dabbled in digital art in the past, and is passionate about visual communication.



Byrne, Tamzin

Science in Public

MONDAY 17:00, AUDITORIUM, #M15

MONDAY 18:15, FOYER, #M16

Tamzin studied science at Melbourne Uni before trundling down the road to RMIT to train as a journalist. After graduating, she worked at ABC Radio National on Sunday Extra, managing their website and tweeting Jonathan Green's quips. As a volunteer at Melbourne community radio station SYN, she led their young news and current affairs team and produced a breakie TV variety show for Channel 31. She joined Science in Public as a science writer in 2011, and writes many of their newsletters and bulletins. She looks after most of their social media, managing accounts for the company and half a dozen clients.



Carroll, Simon

Scitech

MONDAY 11:15, ROOM B2, #M5

Simon is the Director of Science Partnerships at Scitech. In this role, Simon is directly involved in many aspects of community science engagement, including Inspiring Australia and NSWk in WA, the online publication of ScienceNetwork WA and is a regular contributor to ABC radio. He has a goal of having science talked about over the BBQ on Saturdays just like sport, and sees science and technology a critical enabling capability for our society. The way in which Australians regard science and science achievement as well as the role in public administration are also of interest. Prior to Scitech, he was an active in science and business, predominantly the biotechnology industry.



Callahan, Shawn

MONDAY 14:15 AND 15:45, ROOM B3, #M12

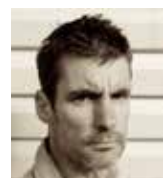
Shawn is the Founding Director of Anecdote Pty Ltd. In a career that could be best described as eclectic, he started his working life as a geographer and archaeologist, moved into database design, sold software in the UK and then ran his own geographic information management company. After that he moved into the knowledge management field and built an international reputation. In the late 1990s, his career took a surprising twist when he stumbled across the incredible natural power of stories. He went on to senior roles in IBM Centre for Organisational Complexity where he was part of pioneering work in using narrative approaches to tackle complex issues. He formed Anecdote in 2004 with the purpose of helping restore humanity to organisations. Anecdote's work has a very practical focus helping organisations and leaders tap into the power of stories. In the past 9 years he has helped leaders all over the globe convert their strategies into strategic



Cawood, Matthew

TUESDAY 14:15, AUDITORIUM, #T17

Matthew Cawood grew up on a West Australian cattle station and worked on the land around Australia before taking up journalism. Over 25 years, he has written on agriculture and the environment for a range of publications, including Australian Geographic (as a staff writer), The Bulletin, Geographical (UK) and Fairfax Media. He has contributed to several books on photography. Based in the New England region of NSW, he is currently science and environment writer for Fairfax Agricultural Media.



SPEAKER INDEX AND BIOGRAPHIES



Cerini, Elizabeth

Geoscience Australia

MONDAY 18:15, FOYER, #M16

TUESDAY 9:45, AUDITORIUM, #T4

Bobby Cerini leads the Visualisation and Science Promotion team at Geoscience Australia, with responsibility for delivering data visualisation, video production and science communication services. She has recently developed a major communication strategy for the agency, working closely with its science divisions to identify areas of emerging opportunity. Bobby joined Geoscience Australia from ANU, where she built a network of science filmmakers while also undertaking PhD research investigating the impact and influence of science heroes. Previously she has delivered a wide range of science communication projects, research activities and community engagement initiatives for organisations worldwide. Her achievements include creating the Giant Jump, an international science experiment that also set a World Record; developing the Great Canberra Science Scramble; hosting interactive workshops and videoconferences to explore issues at the frontiers of science and technology; teaching science filmmaking skills to researchers; designing interactive exhibits for science centres and museums including Questacon in Australia and New Zealand's Puke Ariki; and conducting science communication research for organisations across the science and technology sector.



Cham, Dr Tsuey

Gas Industry Social and Environmental Research Alliance

TUESDAY 14:15, ROOM B1, #T18

Dr. Tsuey Cham is the Communication Advisor for GISERA, the Gas Industry Social and Environmental Research Alliance. GISERA is a vehicle initiated by Australia Pacific LNG and CSIRO to foster collaborative public good research into the social and environmental challenges and opportunities associated with Australia's growing gas industry. Tsuey's work history includes science communication and education, community engagement and stakeholder management.



Cole, Sarah

Econnect Communication

MONDAY 18:15, FOYER, #M16

WEDNESDAY 12:00, ROOM B2, #W13

Sarah Cole is a science writer and an editor at Econnect Communication. She studied neuroscience and psychology and, more recently, science communication at The University of Queensland.



Cook, John

Global Change Institute, University of Queensland

WEDNESDAY 13:45, ROOM B2, #W16

John Cook is the Climate Communication Fellow for the Global Change Institute at the University of Queensland. He created SkepticalScience.com, a website that refutes climate misinformation with peer-reviewed science. In 2011, Skeptical Science won the Australian Museum Eureka Prize for the Advancement of Climate Change Knowledge. John has co-authored the college textbook *Climate Change Science: A Modern Synthesis*, the book *Climate Change Denial: Heads in the Sand* and several papers on climate change and the psychology of misinformation.



Cooper, Dr Pahia

WEDNESDAY 14:45, ROOM B1, #W18

Pahia Cooper is the Online Communication Strategist at the Global Change Institute, University of Queensland. Her role is to communicate the science of the Catlin Seaview Survey, a ground breaking research project, which is conducting the first comprehensive global survey of coral reef health.



She has worked on numerous science communication projects including working in science museums and presenting science shows, both locally and overseas.

Pahia has a Bachelor of Science (Neuroscience and Psychology) from the University of Queensland and a Graduate Diploma in Science Communication from the Australian National University.

Cormick, Dr Craig

CSIRO

MONDAY 11:15, ROOM B2, #M5

TUESDAY 14:15, ROOM B1, #T18

WEDNESDAY 9:30, ROOM B2, #W5

WEDNESDAY 10:45, ROOM B2, #W9

Craig is a social researcher and science communicator/educator. He works for CSIRO and is widely published on drivers of attitudes towards new technologies. His awards include a joint Australian Best Practice Award from the International Association of Public Participation and a Queensland Premier's Literary Award.



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Coulter, Liese

Griffith University, Australian Rivers Institute

WEDNESDAY 12:00, ROOM B2, #W13

Liese Coulter has managed communication for the National Climate Change Adaptation Research Facility (NCCARF) and the CSIRO Climate Adaptation Flagship and consulted with government departments and universities to bridge knowledge gaps to support adapting to climate change. Currently a PhD Candidate at Griffith University researching personal stories of resilience, she worked as a communicator for the Global Carbon Project while completing a MSc Communication at ANU, focused on global environmental change.



Science, The Conversation, ABC's The Drum and many others. Tim is currently completing a PhD in philosophy on the evolution of our moral psychology and its impact on moral diversity.

Devadas, Dr Malini

Biotext

TUESDAY 12:00, ROOM B3, #T12

TUESDAY 14:15, 15:45 AND 17:00, ROOM B3, #T20

Malini has a PhD in neuroscience and completed a postdoctoral fellow in Japan before leaving academia for the world of publishing. She worked at Biotext as a scientific writer and editor between 2004 and 2012 and now has her own freelance editing business. In 2009, she passed the examination of the Institute of Professional Editors in Australia to become an Accredited Editor. She is now Biotext's Training Manager, running training courses and workshops in writing, editing and publishing.



Dale, Allan

TUESDAY 13:15, AUDITORIUM, #T13

Allan Dale is the CEO of the Far North Queensland Regional Development Australia Board and Associate Professor with the Cairns Institute at James Cook University where he leads research in the area of regional development and natural resource management fields. Allan has an extensive research background in regional planning and development (including CSIRO and Griffith University) as well as environmental and social impact assessment. Allan recently led the Expert Working Group on tropical science engagement through Inspiring Australia.



Divisekera, Upulie

Real Scientists/Monash University

TUESDAY 11:00, ROOM B2, #T10

Upulie Divisekera is a molecular biologist, science communicator and dinosaur evangelist. She has worked in fields as diverse as developmental biology, materials science, and cancer immunology. Upulie actively communicates science through articles, social media, has presented at TEDx Canberra, The Laborastory and the National Young Writer's Festival and worked on projects such as the Letters to Sir David and the @realscientists curated twitter account, both of which she helped co-found. Currently, Upulie is working in nanotechnology research in materials and drug delivery mechanisms.



Dayton, Leigh

MONDAY 14:15, AUDITORIUM, #M9

Leigh Dayton is an award-winning writer and broadcaster, specialising in the impact of science, technology, environment and medicine on news and current events. Until September 2012 Leigh was the Science Writer for The Australian newspaper, as well as the editor of the paper's Weekend Health section. She now works on a freelance basis for scientific and media organisations and contributes regularly to ABC radio. Leigh is a PhD Candidate at Macquarie University's Research Centre for Agency, Values & Ethics where she is exploring the pathways to biomedical innovation.



Dixon, Dr Tom

MONDAY 19:00, ROOM B3, #M17

After 10 years as a biologist with CSIRO, he combined my passions of science and writing and joined the Econnect team as a science writer (2009). Tom writes about all aspects of ecology and agriculture for research and development corporations, CSIRO, state and federal government agencies, and universities. His current project is all about getting science out into the paddock, and helping farmers and their advisers make the most of the amazing research carried out in Australia. In his spare time, he is the regional coordinator of the South East Queensland branch of the ASC.



Dean, Tim

TUESDAY 9:45, AUDITORIUM, #T4

Tim Dean is a science writer and philosopher. He has been the editor of COSMOS magazine and Australian Life Scientist, and has written for New Scientist, New Philosopher, Popular



SPEAKER INDEX AND BIOGRAPHIES



Donnelly, Emma

Curtin University

MONDAY 18:15, FOYER, #M16

After completing a science degree and postgrad science at UWA, Emma accidentally stumbled into the world of science communication. Thirteen years later she has worked for a range of science education organisations including Scitech, CSIRO Education, Department of Fisheries, Department of Environment and Conservation and UWA. For the past 5 years she has been Science Outreach Manager at Curtin University.



designed a specialist course for science reporters for the UTS Journalism School (1997). In 2010-11 she chaired an Expert Working Group on Science and the Media for the Federal government and in February 2011 was appointed to the national Climate Commission but stepped down in 2012 due to heavy work commitments. She sits on various committees and judging panels. Band lives in Adelaide with her husband and two children.

Dooley, Dr Philip

MONDAY 18:15, FOYER, #M16

TUESDAY 19:00, BOULEVARD ROOM #T27

Phil Dooley has just returned to Australia after a two years in England working at the JET international fusion energy experiment. While in UK, he imbibed of the lively UK sci com scene, being inspired to try some innovative approaches to sci com himself - "songs stories 'speriments"- at shows and festivals from Brighton to Glasgow and in between. Before UK worked as science communicator at USyd school of Physics, and was ASC NSW Branch president.



Ellem, Dr Gary

Tom Farrell Institute, University of Newcastle

WEDNESDAY 13:45, AUDITORIUM, #W14

Dr Gary Ellem has a PhD in Biophysics and is the Future Industries Program Manager at the Tom Farrell Institute, University of Newcastle. He has worked as both a University Academic and as a Senior Scientist and Strategic Analyst in the Cleantech Industry. Gary leads a sustainable industry development think tank and is the co-creator of the Hunter Valley Electric Vehicle Festival.



Elliott, Dr Susannah

Australian Science Media Centre

MONDAY 13:45, AUDITORIUM, #M8

MONDAY 14:15 AND 15:45, ROOM B1, #M10

Susannah has a PhD in cell and developmental biology from Macquarie University, a Graduate Diploma in Journalism from the University of Technology Sydney (UTS) and nearly 20 years of practical experience in science communication with the science-media nexus as her primary focus. She is currently CEO of the Australian Science Media Centre, an independent not for profit organisation that works with the news media to inject more evidence-based science into public discourse. Prior to this she spent more than five years in Stockholm, Sweden, as director of communications for the International Geosphere-Biosphere Programme (IGBP), an international network of scientists studying global environmental change. In the 1990s Susannah managed the Centre for Science Communication at UTS, where she helped establish the successful Horizons of Science series of media roundtables and was involved in numerous other initiatives such as Science in the Pub and Science in the Bush. She worked with the federal government on the State of the Environment Report (1994), the CRC for Cardiac Technology as leader of their Education and Communications program (1993-95) and



Elliot, Dr Jo

University of Western Australia

TUESDAY 11:00, ROOM B1, #T9

TUESDAY 15:45, AUDITORIUM, #T21

WEDNESDAY 13:45, ROOM B1, #W15

Jo Elliott studied agricultural science at the University of Western Australia. Jo's Honours research investigated the effect of a new type farrowing pen on the behaviour of piglets in an attempt to encourage adoption of the new system. This sparked her interest in human behaviour and the adoption of new innovations and technologies by producers. Jo completed her PhD in 2012, investigating the factors which influence producers' decisions to adopt strategies to improve lamb survival rates. This research strengthened Jo's passion for science communication for behaviour change. After a year working in outreach with high school students in rural and regional WA, Jo is currently researching the evaluation of the impact of science communication and engagement.



Erhart, Dorean

TUESDAY 15:45, ROOM B1, #T22

Dorean is a Principal Advisor at the Local Government Association of Queensland with responsibility for the Natural Assets, Natural Resource Management and Climate Change Adaptation and Mitigation portfolios. Dorean provides state and national level representation on behalf of Queensland Local Governments on relevant policy matters. She also



SPEAKER INDEX AND BIOGRAPHIES



facilitates capacity building at both the elected and officer levels to encourage effective best practice approaches to local and regional planning and delivery.

She has over 20 years' experience in delivering policy, planning and implementation projects in the landscape architecture, natural environment and landscape ecology sectors. Her particular areas of expertise are in interdisciplinary project design and coordination and stakeholder consultation.

Dorean is sought after as a presenter and editor/reviewer and has recently appeared as a guest presenter on Gardening Australia talking about the impacts of environmental weeds.

Fenton Keane, Dr Jayne

Inspiring Australia, Queensland

TUESDAY 15:45, ROOM B1, #T22

TUESDAY 17:00, ROOM B1, #T25

Jayne Fenton Keane is the Manager of Queensland's Inspiring Australia Program and is based at the Queensland Museum. As a former state, national and international festival director, she has extensive experience designing and delivering innovative projects and strategies. JFK has taught at undergraduate and post-graduate levels at Griffith University, is a published author, academic and composer and is the current Chair of National Science Week in Queensland. She was shortlisted for the Griffith University medal in 2008 when awarded her PhD.



Finkel, Elizabeth

MONDAY 17:00, AUDITORIUM, #M15

TUESDAY 19:00 BOULEVARD ROOM, #T27

Elizabeth Finkel spent five years at the University of California, San Francisco, studying the genes that transform a mushy egg into a shapely embryo. For the last 20 years she has been a science writer for scientific and lay audiences including serving as a correspondent for the American magazine *Science* and an associate editor for *COSMOS* magazine, a popular science magazine that she co-founded. In June 2013 she was appointed the next *COSMOS* Editor in Chief. She has published two books: *Stem Cells: Controversy at the Frontiers of Science* in 2005, which won the Queensland premier's Literary award and *The Genome Generation* in 2012.



Flannery, Tim

SUNDAY 15:00, AUDITORIUM, #S2

Tim Flannery is a mammalogist, palaeontologist, environmentalist and global warming activist. He was the Chief Commissioner of the Climate Commission,



a Federal Government body providing information on climate change to the Australian public. On 23 September 2013 Flannery announced that he would join other sacked commissioners to form the independent Climate Council, that would be funded by the community.

Tim was named Australian of the Year in 2007, a Fellow of the Australian Academy of Science and is the chairman of the Copenhagen Climate Council, an international climate change awareness group.

Fleming, Professor Jean

TUESDAY 7:00, RYDGES SOUTH BANK, #T1

TUESDAY 9:45, ROOM B1, #T5

TUESDAY 13:15, ROOM B2, #T15

Jean Fleming is a science communicator at the University of Otago, Dunedin, NZ, with a history of teaching and research in reproductive biology. Jean is also Associate Dean of Science Outreach at Otago. In this role she is looking for ways to support and coordinate outreach at Otago better. Jean's postgraduate students in Science Communication study everything from the effectiveness of rapping science to the use of automata for teaching mechanics. Jean's science communication research focuses on effective ways to engage non-scientists in discussion and deliberation of the big science issues of today. Jean has been involved in the running of the NZ International Science Festival in Dunedin since 1997 and was made a life member in 2012. She has helped organise the University of Otago's secondary school summer programme Hands-on Science since 1995 and ran projects in Physiology and Anatomy for over 15 years. Jean has had a regular slot on the Radio NZ National Nights programme with Bryan Crump since 2008, where she discusses Body Parts. Jean's commitment to taking her science to the community led to the award of a Suffrage Medal in 1993, a Royal Society of NZ Silver Science & Technology Medal in 1998 and an ONZM for services to science in 2002.



Fletcher, Jean

Science Communication Program, School of Animal Biology, the University of Western Australia

WEDNESDAY 10:45, ROOM B2, #W9

Jean was born and raised in Ontario, Canada. In 2011, she received a Bachelors degree in Science (Honours) from McMaster University, specialising in genetics. An important thing she learned from her honours degree was that she really enjoyed discussing science with others. As a result, she headed to Australia where she completed a Master's degree in Science Communication at the



SPEAKER INDEX AND BIOGRAPHIES



University of Western Australia. For her master's dissertation she investigated impacts of a marine debris citizen science professional development program on participating teachers. Currently she works part time as a research officer at the University of Western Australia on complementary research looking at impact of the program on student participants.

Flint, Professor

TUESDAY 19:00, BOULEVARD ROOM #T27

Professor Flint was born in the bonnie city of Dundee, Scotland's fourth largest city, and premier producer of marmalade for hundreds of years. Like many children, he quickly developed a keen interest in dinosaurs, doing so in the shadow of Loch Ness. From an early age, the budding Prof quickly learnt how easily people readily believe in bizarre non-existent monsters, while he was obsessed with creatures from the past that had been real. With a Welsh mother, he also spent many hours singing around the family piano, and listening to and telling stories.

Emigrating with his parents to Australia at the age of 13, his interest in dinosaurs soon turned to the exciting and unfolding story of his adopted home... to the dinosaurs down under. As an adult, based in Adelaide South Australia, Prof Flint has been able to marry his two great passions of singing and palaeontology to become the quintessential rock star!



Foley, Dr Cathy

MONDAY 14:15 AND 15:45, ROOM B1, #M10

Dr. Cathy Foley is the Chief of CSIRO's Division of Materials Science and Engineering. Previous to her current appointment, Cathy was involved in CSIRO's Superconducting Devices and Applications Project developing superconducting systems for mineral exploration, detection of metal for quality assurance in manufacturing, terahertz imaging, and UXO detection. This multiple million-dollar project assisted with the discovery and delineation of the BHPB Cannington Silver mine and her team is currently commercialising their systems. Her group was the first team to successfully fly superconducting systems. Cathy has a world-class reputation in her field, being: Fellow of the Institute of Physics in the UK; Past President of the Australian Institute of Physics; Fellow of the Academy of Technological Sciences and Engineering (ASTE); Past President of Science and Technology Australia (formally Federation of Australian Science and Technology Societies, FASTS); and a Member of the Prime Minister Science Engineering and Innovation Council (PMSEIC) Cathy was awarded a Public Service Medal on Australia Day in 2003. In the same year, she won the Eureka Prize for the promotion



of Science and in 2009 she was the NSW and National winner of the Telstra Women's Business Award for Innovation. Cathy was also the recipient of the AUSIMM MIOTA award for LANDTEM as a mineral exploration tool and in 2013 she was awarded the NSW Premier's Award for Woman of the Year.

France, Simon

Inspiring Australia

MONDAY 13:30, AUDITORIUM, #M7

TUESDAY 13:15, AUDITORIUM, #T13

TUESDAY 17:00, AUDITORIUM, #T24

Simon has been involved with Inspiring Australia from its inception and has supported the drafting, writing, implementation and strategic direction of the Inspiring Australia Strategy and the Inspiring Australia Program over the last five years. Simon currently oversees the management and direction of Inspiring Australia.



Gardner, Dr John

WEDNESDAY 10:45, AUDITORIUM, #W7

Dr John Gardner is a social psychologist in CSIRO's Ecosystem Sciences Division, working in the areas of environmental behaviour, climate change mitigation and climate adaptation. He is involved in a range of projects in these fields, investigating the social, contextual and individual factors that motivate individuals, communities and businesses to change behaviour, to adopt new technology, and to prepare for climate change impacts. John has previously worked as an academic at the University of Queensland Business School, and as a research consultant to public and private sector organisations.



Garrett, Dr Geoff

MONDAY 8:30, AUDITORIUM, #M1

Dr Geoff Garrett was appointed Queensland Chief Scientist from January 2011, following the retirement of Professor Peter Andrews AO. A Cambridge graduate in metallurgy and an academic for 13 years, Geoff led two of the world's major national research institutions - CSIR in South Africa (1995-2000) and CSIRO in Australia (2001-2008). A former South African 'Engineer of the Year' (1999), he is a recipient of the Centenary Medal for service to Australian society through science. In June 2008 he was appointed as an Officer of the Order of Australia (AO) in the Queen's Birthday Honours List.



SPEAKER INDEX AND BIOGRAPHIES



Gascoigne, Toss

Gascoigne PCST President

TUESDAY 7:00, RYDGES SOUTH BANK, #T1

TUESDAY 9:45, ROOM B3, #T7

TUESDAY 13:15, ROOM B2, #T15

Toss Gascoigne interests lie in communication, event management, research and policy, constructing workshops, strategy, and training. For the last 15 years he has occupied a unique position in the research and tertiary sector in Australia. He has helped create and manage advocacy and member-based organisations. He has brought together coalitions of interests to press for policy change. Toss has written and presented in national and international arenas on research, education, science and advocacy issues. With a colleague, he conceived, wrote and co-presents Australia's most popular and long-standing workshops in media and presentation skills for researchers. From 1995 to 2008, he has served as Executive Director to two national advocacy bodies, FASTS and CHASS. The main purpose of both organisations was to propose policy in the areas of research, education and practice as it affected their members. A key element of these roles was strategic planning.



Goldberg, Dr Daniella

NSW Stem Cell Network, Executive Committee and Gene Genie Media, Director

MONDAY 18:15, FOYER, #M16

Dr Daniella Goldberg has been a science communication consultant for over 20 years supporting health and life-science, biotech, medical research and not-for-profit organisations. After completing a doctorate at the UNSW's Garvan Institute of Medical Research, Daniella moved into specialist media and communications. Her experience ranges from senior consultant at global PR agencies such as Ogilvy PR Worldwide to in house communications manager at leading medical research institutes and advocacy groups such as Chief Executive Women. Daniella has also taught public relations at a number of Universities in Sydney. Daniella has produced, written and directed radio & TV documentaries for Science TV, Beyond 2000 and the Australian Broadcasting Corporation's Science Unit. She has been published in The Australian, New Scientist, Business Review Weekly and was news editor of the weekly magazine, Australian Biotechnology News. She is on the executive committee for the NSW Stem Cell Network, co-founder of Science in the Pub and founding member of the Australian Science Communicators.



Gates-Stuart, Eleanor

Australian National Centre for The Public Awareness of Science ANU

WEDNESDAY 12:00, ROOM B1, #W12

MONDAY 18:15, FOYER, #M16

Eleanor is Science Art Fellow at the Commonwealth Scientific and Industrial Research Organisation (CSIRO). Her residency is with the Food Futures Flagship and the Transformational Biology Capability Platform (TBCP) based at the Computational Informatics (CIS) Research Division. The Centenary of Canberra, have awarded Eleanor the Centenary Science Art Commission, 'StellrScope', that is supported by the Australian Capital Territory (ACT) Government and the Australian Government. She is also a PhD researcher at the National Centre for the Public Awareness of Science (CPAS) at the ANU. Eleanor's interdisciplinary interests firmly crossover arts, science, communication and media. Having received numerous awards, grants, and commissions in her career, Eleanor maintains an active international artistic profile continuing her own research and roles such as curator and director of media arts events in the UK, USA, Taiwan and Australia.



Godson, Lloyd

WEDNESDAY 9:00, AUDITORIUM, #W2

Lloyd Godson is an ultramarathon running aquanaut and adventurer. He loves to live his wild ideas and put them to the test in the real world. He has spent a total of one month living underwater, propelled himself through the Greek islands in a human-powered submarine and holds the Guinness World Records for the most electricity generated by pedalling underwater. In 2007, Lloyd received the coveted Australian Geographic Adventurer of the Year award. Lloyd's underwater projects are a way of tackling environmental issues in a fun, provocative and scientific way. He is determined to create social change and inspire public environmental awareness by using technological innovation in a stimulating way. Most recently, he started developing a new educational initiative called Tik and Bubbles with the intention of designing community-based science projects that are creative, collaborative, challenging and fun.



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Gondwe, Mzamose

Science Communication Program, the University of Western Australia

TUESDAY 17:00, ROOM B2, #T26

WEDNESDAY 13:45, ROOM B1, #W15

Mzamose Gondwe is currently a science communication PhD candidate at the University of Western Australia. For her PhD research, she is investigating young people's perceptions of Indigenous knowledge and scientific knowledge and the connections and overlap between them. She is examining people's views through their creative filmmaking.



Grant, Dr Will

CPAS, ANU

MONDAY 15:45, AUDITORIUM, #M13

MONDAY 17:00, AUDITORIUM, #M15

WEDNESDAY 9:30, ROOM B2, #W5

Will Grant is a writer / talker / researcher / thinker at the Australian National Centre for the Public Awareness of Science at ANU. Most of his work has focused on the interaction of science, politics and climate change, and how such interactions are changing with new technology. If you're into that kind of thing, he tweets at @willozap.



Gordon, Tom

University of Sydney, School of Physics

MONDAY 11:15, ROOM B2, #M5

WEDNESDAY 14:45, AUDITORIUM, #W17

Tom is the science communicator at the School of Physics, University of Sydney. He provides outreach programs, mainly to high school students to assist with their studies, plus information about university life and expectations. Tom also runs many other school and holiday programs. Tom's role extends to media enquiries and publications, in-reach to current university students as well as science teacher workshops and forums. Tom studied Astronomy and Astrophysics at ANU and completed a Graduate Diploma in Science Communication, then a Masters Degree in Space Studies in France. On returning he taught at high school for 4 years.



Graves, Professor Jenny

SUNDAY 15:00, AUDITORIUM, #S2

Professor Jenny Graves has a highly acclaimed international reputation for her work in mammalian genetics and comparative genomics on Australian marsupials and monotremes. Her research has raised profound questions about human biology and mammalian evolution, and her research on the likely eventual disappearance of men has attracted worldwide media attention.

Jenny graduated from Adelaide University and received a Fulbright award to undertake a PhD in Molecular Biology at the University of California, Berkeley, USA. Jenny was selected as the 2006 laureate for the Asia-Pacific region L'Oréal-UNESCO Awards for women in science. She is a Fellow of the Australian Academy of Science and a Research Director at the Australian Research Council Centre for Kangaroo Genomics.



Gottschalk, Kirsten

Australian National Centre for the Public Awareness of Science

WEDNESDAY 10:45, ROOM B2, #W9

Kirsten wanted to be an astronomer from her earliest memory, but soon realised she much preferred talking about it than doing it. After some study in Astrophysics and Science Communication, she found her way to the International Centre for Radio Astronomy Research (ICRAR) in Perth. She now gets to meet astronauts, talk about the world's biggest telescope (the Square Kilometre Array), build telescopes in the desert and show off the gorgeous West Australian night sky to anyone that comes near. Part of her job is also babysitting theSkyNet and communicating with its 19,000 members. She makes sure theSkyNet doesn't get too unruly on its twitter account (@_theSkyNet) and has been involved in the project since its inception two years ago.



Hahnel, Mark

MONDAY 11:15, AUDITORIUM, #M3

Mark is the founder of figshare. He is fresh out of academia, having just completed his PhD in stem cell biology at Imperial College London, having previously studied genetics in both Newcastle and Leeds. He is passionate about open science and the potential it has to revolutionise the research community.



Halil, Dr Dervise

TUESDAY 17:00, ROOM B1, #T25

MONDAY 18:15, FOYER, #M16

Dee Halil is the Science Engagement Specialist at foresight agency Bridge 8, exploring how science informs our future. Dee manages events, community building and engagement programs, specifically I'm a Scientist, Get Me Out of Here!.



SPEAKER INDEX AND BIOGRAPHIES



Dee has worked in science communication and engagement since completing her PhD in Computational Chemistry at The Royal Institution of Great Britain. Seduced away from scientific research, her new focus became engaging young people in science and technology to help build a better informed future society.

Before moving to Australia in January 2013, Dee managed the development of teaching resources, events and communications strategies for the Institution of Engineering and Technology (2011 – 2013) and the Gatsby Science Enhancement Programme (2008 – 2011).

Hamnett, Dr Hilary

ESR (Institute of Environmental Science and Research Ltd)

TUESDAY 13:15, ROOM B3, #T16

Dr Hilary Hamnett is a Forensic Toxicologist. She has been working in science journals and books publishing for five years, and has published a number of her own papers. As an insider in publishing she has handled thousands of manuscripts from submission to publication. She has run workshops and seminars in Australia and New Zealand on the skills required for successful publishing.



Agriculture to assist with carbon farming communication in 2012. Claire works across a range of communication, knowledge management and research engagement activities and projects. Claire has a Bachelor of Environmental Science and a Graduate Diploma of Communication (Science Communication). Claire is the ASC 2014 Conference convenor.

Harris, Damian

MONDAY 17:00, AUDITORIUM, #M15

MONDAY 18:15, FOYER, #M16

Damian Harris, Communications and Marketing Co-ordinator, Department of Science, Environment, Engineering and Technology, Griffith University. Damian is the founding Director of Scinema International Film Festival where he is focused on exploring the blurred line between science and art. He has helped develop bScinema from a single event in Canberra fourteen years ago, to a national event screening at over 300 venues annually. He has extensive experience in the science communication profession, having worked with CSIRO, Questacon, the National Museum of Australia and now Griffith University's Sciences Group. Damian's most recent achievement is the launch of Impact @ Griffith Sciences, a suite of multi-media publications to promote Griffith's science research excellence.



Harris, Claire

CSIRO, Australian Science Communicators

MONDAY 8:30, AUDITORIUM, #M1

MONDAY 11:15, ROOM B1, #M4

MONDAY 13:30, AUDITORIUM, #M7

MONDAY 13:45, AUDITORIUM, #M8

MONDAY 14:15 AND 15:45, ROOM B1, #M10

MONDAY 14:15 AND 15:45, ROOM B3, #M12

MONDAY 17:00, AUDITORIUM, #M15

TUESDAY 13:15, AUDITORIUM, #T13

TUESDAY 17:00, AUDITORIUM, #T24

TUESDAY 19:00 BOULEVARD ROOM, #T27

WEDNESDAY 9:00, AUDITORIUM, #W2

WEDNESDAY 10:45, AUDITORIUM, #W7

WEDNESDAY 12:00, ROOM B1, #W12

Claire Harris is a science communicator specialising in agriculture, environment and natural resource management science and technology. Claire has worked as a scientist, project manager and communication specialist with government and research agencies in Australia and the United Kingdom. After joining the Australian Science Communicators in 2005, Claire has been active in local branches and National Executive, and was National President for part of 2013. Claire joined CSIRO in 2009 to work in science communication for climate adaptation, environment and agriculture and was seconded to the Australian Government Department of



Hawkins, Professor Gay

WEDNESDAY 9:30, ROOM B1, #W4

Professor Gay Hawkins (FAHA) is Director of the Centre for Critical Cultural Studies at The University of Queensland. She has published extensively on the cultural meanings and production of waste, the rise of plastic as the skin of commerce and bottled water.



Heidecker, Kurt

MONDAY 11:15, ROOM B1, #M4

Kurt Heidecker is the inaugural CEO of the Gladstone Industry Leadership Group. This group was established in 2009 to collectively address the issues of mutual regional concern of six of Australia's largest industrial sites. These industry sites, all located in Gladstone, together directly and indirectly employ nearly 10,000 people from a town with a population of less than 35,000. From 2006 to 2008, Kurt was the Operations Officer of an international event management software company. Prior to this he held a number of project roles in Telstra and at the Sydney Olympic Games and was a construction engineer in the Australian Defence Force. Kurt holds various board



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positions including: Deputy Chair - Fitzroy Basin Association
' Director - Central Queensland Hospital and Health Service'
Member - Regional Development Australia, Fitzroy and Central
West Committee' Member - Central Queensland Institute of
TAFE, Advisory Council.

Heiden, Dr Tamika

MONDAY 18:15, FOYER, #M16

Dr Tamika Heiden is the founder of Knowledge Translation Australia. Tamika has worked in health research and research coordination for over 15 years and is passionate about making a difference through the translation of research into practice.



Since completing a PhD in biomechanics at the University of Western Australia, Tamika has worked in health research at the Telethon Institute for Child Health Research. Tamika is an experienced research manager and has held roles in childhood cancer, Aboriginal Health, rheumatic heart disease, and strategic governance. In her spare time Tamika volunteers as a convener for the Western Australian Chapter of the Australasian Research Management Society.

Hicks, Joanna

WEDNESDAY 14:45, ROOM B1, #W18

Joanna is the Knowledge Manager at the Australian Centre for International Agricultural Research (ACIAR). Joanna is responsible for strategic direction for the agency in maximising the use of knowledge produced by ACIAR Research Programs. Joanna has a keen interest in new technologies, KM and business process improvement. She expects to complete her Masters degree in Knowledge Management in 2014, building on her undergraduate degree in Library and Information Science. Joanna has worked in both public and private sectors in research and information roles, until her move to ACIAR.



Hill, Vanessa

ANU/CSIRO

MONDAY 17:00, AUDITORIUM, #M15

TUESDAY 11:00, ROOM B2, #T10

Vanessa Hill is a science communicator with CSIRO, Australia's national science research agency. Vanessa joined CSIRO in their science education team, delivering science education workshops and whizz-bang shows to students around NSW and QLD. For the past few years she has been a social media advisor, applying her extensive knowledge of #geeklove and science in the online space. Vanessa has contributed to science



magazines and blogs as a freelance writer and has presented regular science news segments on ABC radio and Channel 10's breakfast show, WakeUp. As a science communicator, she hopes to chip away the mystique of science and show researchers and their work as human, relevant and cool.

Hobbs, Bernie

TUESDAY 11:00, AUDITORIUM, #T8

Bernie Hobbs is an award-winning science writer and broadcaster with ABC Science Online. Best known as a regular judge on ABC TV's The New Inventors, Bernie is also the brainchild behind the online science game ABC Zoom, where you zoom down to the microscopic and molecular levels to make repairs in everything from a synchrotron to a retina. Bernie writes a regular column exploring science basics, and she can be heard talking science on radio each week, and hosting science events around the country. In previous lives she's been a science teacher, medical researcher and one of the stars of the ABC kids' science show the experimentALS. Bernie has worked in the digital sphere for over 15 years, which may explain why she's not on Facebook and doesn't tweet.



Huang, Sherwin

TUESDAY 17:00, ROOM B2, #T26

Sherwin Huang is Senior User Experience designer at the Cube. He is involved in investigating, wireframing, prototyping ideas, working alongside engineers to present a finished product. With over 5 years experience working across a variety of projects and platforms, Sherwin has designed experiences and applications for the web and mobile web as well as Android, iOS and Blackberry. Sherwin has a MA by Research where he investigated community in mobile gaming. He also has a Degree in Communication Design with a focus on interaction design.



Ishigami, Kohei

Science Communication Program, School of Animal Biology, UWA

WEDNESDAY 12:00, AUDITORIUM, #W11

Kohei Ishigami recently finished his Master of Science Communication degree at the University of Western Australia. His research focused on the effectiveness of stories in science education. One of Kohei's passions is to build and use robots in hands-on science outreach and he is busking with his robots in Fremantle in the summer. Kohei plans to return to Japan where he will work as a consultant science communicator. He plans to establish a Not-for-Profit-Organization that will provide science experiences for young people.



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Jasudasen, Diana

The University of Western Australia

TUESDAY 14:15, ROOM B2, #T19

Diana graduated with a Bachelor of Science (Hons) in Biochemistry from The University of Western Australia (UWA) in 2008. After working in her hometown Singapore in a marketing and communications capacity, Diana returned to UWA to pursue a Masters of Science Communication. She submitted her thesis titled, "Attitudes and motivations of eminent scientists to communicate their research with the general public" in 2013 and is now looking to help research institutes effectively communicate their messages.



Economic Forum.

Jenkins, Dr Misty

MONDAY 14:15 AND 15:45, ROOM B1, #M10

Dr Misty Jenkins is a medical research scientist currently working as an NHMRC/RG Menzies Biomedical Fellow at Peter MacCallum Cancer Centre, in Melbourne. She has been a prestigious Fellow of The University of Cambridge and was recently awarded the L'Oreal for Women in Science Fellowship, and was the 2012 National Association of Research Fellows Investigator of the year. Dr Jenkins studied her PhD with Nobel prize winning scientist Peter Doherty and Steve Turner at The University of Melbourne, and has spent the past ten years researching how killer T cells (white blood cells) deliver their lethal hit to targets (cancer cells). In addition to her successful research career, Misty is a passionate and engaging public speaker about the sciences and is involved with various programs aimed at increasing young people's enthusiasm for science and education, particularly Indigenous students. She also worked with the Aurora Project to set up the Charlie Perkins Scholarships for Indigenous students, in Cambridge, UK. She works with The Aspiration Initiative (TAI) through the Aurora Project, and serves on a number of consultative committees, which aim to enhance Indigenous engagement in science.



Jefferson, Professor Richard

MONDAY 11:15, AUDITORIUM, #M3

Professor Richard Jefferson is a prominent molecular biologist, agricultural scientist and innovation systems strategist, and the leading exponent of 'Innovation Cartography'. He is the founder and CEO of Cambia, a Professor of Science, Technology and Law at the Queensland University of Technology and Rogue at National ICT Australia, where he is the Director of The Lens.



Professor Jefferson is a graduate of the University of California's College of Creative Studies, with a PhD in Molecular Biology from University of Colorado. As a National Institutes of Health postdoc in Cambridge, he conducted the world's first field release of a biotech crop and created the most widely cited and licensed enabling biotechnology distributed under open source principles. After becoming the first Molecular Biologist for the United Nations Food and Agricultural Organisation, he founded Cambia in 1991, an independent, global non-profit social enterprise to bring efficiency, effectiveness and equity to science-enabled innovation.

Cambia created the BiOS Initiative, the first open patent-based commons for science, and the Patent Lens, a leading global resource for patent transparency. This work has culminated in the current vision of a global digital public good — 'The Lens' — to disrupt and democratise the innovation system.

Profiled in diverse media ranging from The Economist, Newsweek, Nature, New York Times to Red Herring, he has been named to the Scientific American List of the World's 50 most influential technologists. Professor Jefferson is an Outstanding Social Entrepreneur of the Schwab Foundation, a frequent Davos panellist and was a long-serving member of the Global Agenda Council on Intellectual Property of the World

Jurkiewicz, Alex

ASC

MONDAY 11:15, ROOM B3, #M6

Alex Jurkiewicz spends quite a bit of his life working on various web systems. By day he works at travel company SiteMinder, helping run a platform that facilitates a non-trivial proportion of all online hotel bookings. Outside these hours he volunteers as ASC's Webmaster and was responsible for building the Conference website (among other less visible tasks). You can probably guess what he does in his spare time...



Kaufman, Dr Stefan

TUESDAY 15:45, ROOM B1, #T22

Stefan Kaufman leads social research for EPA Victoria and holds an adjunct appointment with Behaviour Works at Monash University. EPA Victoria's role is to be an effective environmental regulator and an influential authority on environmental impacts. EPA knowledge brokers help colleagues articulate and scope their knowledge needs, and then help them learn what they need to know.



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Supporting this, Stefan's EPA work involves conducting research, and managing partners and providers for evaluation, environmental citizenship, compliance, restorative justice, risk communication and behaviour change. His interests focus on the links between individual, organisational and societal change for sustainability, and the potential roles of research and knowledge in making those links explicit and intentional. His ANU PhD thesis in Human Ecology is titled: 'The roles of reflexivity in intentional social change for sustainability', explores the experiences of expert knowledge change agents in trying to bridge their own understanding and priorities, with that of the people they seek to influence. He admits to being more interested in the lead up to and early on in research projects, and what happens as the results come in and need to be integrated, than in conducting research itself.

Keane, David

Griffith University, QCA South Bank Campus
TUESDAY 15:45, ROOM B1, #T22

David is the Program Convenor at Griffith University, QCA South Bank Campus for the Master of Digital Design and Hons, an industry targeted degree. His main areas of interest include Digital Strategies (Business, Education and Community) plus Advanced Interactive Design. A few of his past activities include: Patron, Gold Coast Theatre Alliance (40 theatres) (2000-), Australian ATOM Award (Tertiary); Mayne Australian Multimedia Award; Chair: Art in Public Places GCCC; Manager: Gold Coast Schoolies 1999; Gold Coast Film Industry Committee 2000-2002; Cultural Coordinator GCCC 1996-2002, Griffith University Multimedia Research Incubator, 2002-20032, Director Strut Media 2002-; Arts Infrastructure Consultancy SA Dept of Tourism; Consultant: Building Better Cities, Mackay Urban Consolidation Project; Director, Hahndorf Academy Public Art Gallery and Museum 1988-1991, Board of Management, Central Regional Cultural Authority(SA), Outstanding Young Australian Award for Arts (SA and NT) (1985), Member, SA Premier's Trade Mission, Multiple Visual Art awards.



Keenihan, Sarah

Freelance Science Writer (for more information, see sciencesarah.wordpress.com)

MONDAY 14:15, AUDITORIUM, #M9
TUESDAY 11:00, ROOM B2, #T10

Sarah is a freelance science writer based in Adelaide, South Australia. She established her writing business in early 2012 after 15 years working in immunology research and science communication in Australia and Indonesia. She has a Bachelor of Medical Science with honours, a PhD and a Graduate



Diploma in Sciences Communication. When not reading and writing, Sarah indulges in cooking, eating and exercise.

Kettle, Mel

MONDAY 14:15, ROOM B2, #M11

Mel Kettle is a communications and social media consultant, speaker, blogger, educator, coach, bookworm, obsessive foodie and eatie, and a budding photographer. She is passionate about working with organisations to show them how to communicate effectively so they can develop communities, share their stories and raise awareness, and has worked with a range of scientific research organisations and universities. She particularly enjoys working with people who want to make a difference to other people's lives. In her spare time Mel writes a food blog, The cook notebook (www.cooks-notebook.com.au).



King, Adrian

Redboat

TUESDAY 11:00, ROOM B3, #T11

Adrian's career spans 18 years producing animation, motion-graphics and visual-fx for TV series, documentary, corporate videos, promos/idents, TVCs, short film, events, education, games and interactive media, with four international animation awards.

For the past 8 years Adrian has been operating as an independent animation / visual-fx producer & artist under the banner Redboat.

Redboat provides award winning animation, motion graphics, visual-fx and production to clients around the world, bringing together crews of world-class script-writers, storyboard artists, animators, motion-graphics and visual-fx artists, composers, editors, sound-technicians and film-makers.



Kovacevic, Michelle

TUESDAY 9:45, ROOM B3, #T7

Michelle is a science communicator with the Center for International Forestry Research (CIFOR) based in Bogor, Indonesia. She coordinates the knowledge-sharing website ForestsClimateChange.org and coordinates CIFOR's capacity building in communications program. She has experience communicating science across many platforms including social media, print, radio, presenting (to students, policymakers and practitioners) in corporate, academic and non profit settings. Michelle holds an honours degree in neuroscience and a diploma in Indonesian from the University Of Melbourne.



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Kubke, Fabiana

MONDAY 11:15, AUDITORIUM, #M3

TUESDAY 9:45, ROOM B1, #T5

Fabiana Kubke is a Senior Lecturer at the School of Medical Sciences, University of Auckland. Fabiana studies different aspects of brain evolutions, and her work focuses on the evolution of brain circuits in brains. Prior to relocating to New Zealand Fabiana studied developmental neurobiology as a postgraduate student at the University of Connecticut and neuroethology as a post-doc at the University of Maryland

Fabiana is the author of several journal articles and scholarly book chapters. She is the recipient a number of awards including the Grass Fellowship at the Marine Biological Laboratory in Woods Hole and grants including the Marsden Fund from the Royal Society of New Zealand. Some of her work has featured in the New Zealand and Australian media. She is an advocate for Open Research and currently Chairs the Advisory Panel of Creative Commons Aotearoa New Zealand, and some of her blog posts can be found at PLOS' Mind the Brain and New Zealand Science Media Centre's Building Blogs of Science.

Fabiana has a Licenciante in Biological Sciences from the University of Buenos Aires (Argentina) and an MSc and PhD from the University of Connecticut.



Lange, Corinna

Pear Communication

MONDAY 14:15, ROOM B2, #M11

Corinna Lange has gathered extensive science communication experience across public and private sector organisations. She now runs Pear Communication, this fulfils her interest in working with the stakeholders of scientific research, at all stages of the research cycle, to achieve application and adoption of research outcomes. Corinna is also a member of the Gene Technology Ethics and Community Consultative Committee, an advisory committee to the Office of the Gene Technology Regulator. Her experience is underpinned by a Bachelor of Science (Hons) from the University of Adelaide, and a Graduate Diploma in Scientific Communication from the Australian National University. She balances her work with a love of socialising with family and friends.



Lau, Sarah

Australian Science Communicators, ChemCentre

MONDAY 14:15 AND 15:45, ROOM B1, #M10

Sarah Lau is a science communicator, presenter and trainer. As the Communication Manager at ChemCentre, Sarah is responsible for the 'public face' of WA's chemical and forensic science laboratories, managing external communication, media liaison, marketing and outreach. In this role, Sarah engages ChemCentre's scientists to translate their work, in order to communicate its importance and relevance to key stakeholders and the wider community. In her role as a communication consultant, Sarah has created and delivered presentations ranging from professional speaking engagements to large-scale science performances for international audiences. She also runs practical training programs for students and scientists to assist in the development of science communication skills and techniques. Sarah is the National Secretary for Australian Science Communicators.



Lamberts, Dr Rod

Deputy Director, CPAS

MONDAY 15:45, AUDITORIUM, #M13

MONDAY 17:00, AUDITORIUM, #M15

Dr Rod Lamberts is Deputy Director of the Australian National Centre for the Public Awareness of Science (CPAS) at the Australian National University, a founding partner of the Ångström Group, and in 2012 was elected National President of the Australian Science Communicators (retired injured, 2013). He has more than 18 years experience as a professional facilitator and researcher, and is considered an expert of international standing in the field of science communication. Rod has provided science communication advice to UNESCO in the Pacific region, and is a regular public commentator on science, science communication, and science and public policy.



Leach, Dr Joan

UQ, Convenor of Science Communication Program

MONDAY 8:30, AUDITORIUM, #M1

MONDAY 19:00, ROOM B3, #M17

TUESDAY 15:45, AUDITORIUM, #T21

WEDNESDAY 9:30, ROOM B1, #W4

Dr Joan Leach (BA hons, BSc, MA, PhD) convenes the Science Communication Program at the University of Queensland and is Associate Professor of



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rhetoric and Deputy Head of School in the School of English, Media Studies and Art History. Joan is also the President of the Australian Science Communicators. Her research centers on public engagement with science, medicine and technology and she has been active in the Australian government's recent initiatives toward "Inspiring Australia". She is currently researching the role of popular science in the globalisation of science since the 1960s, a project funded by the Australian Research Council. She has published extensively about science communication, including a 2012 book *Rhetorical Questions of Health and Medicine*, and was editor of the International journal, *Social Epistemology* from 1997-2010 and is now an executive editor at the journal. She held academic posts at the University of Pittsburgh (USA) and Imperial College London before moving to Brisbane in 2004. Joan has won numerous academic awards for her research and community engagement, including being a Science Journalism Laureate at Purdue University (USA). While remaining transfixed by science, she advocates for better science communication which critically examines the social impacts of science, technology and biomedicine.

Leigh, Alison

TUESDAY 11:00, AUDITORIUM, #T8

Alison is the Editorial Director of the World Congress of Science and Factual (TV) Producers, (see www.wcsfp.com) a role she has held for over a decade. This annual international conference is the pre eminent event for broadcasters and producers in "specialist" factual programming , with an emphasis on science and history - a unique forum to share experiences and ideas about the latest trends in our genre and to create and nurture binding business relationships and co production partnerships. Previously she played a leading role in producing and commissioning science TV programs in Australia, including six years as Series Producer and then Executive Producer ABC TV Science Unit(Quantum, A Question of Survival, Hot Chips.) While in this role she helped develop National science week, themed programming across ABC networks as part of a national event to promote awareness of science and is a founder member and past President of the Australian Science Communicators. In addition to her World Congress commitments, Alison freelances as a writer and script editor, most recently as co author of the books "Making Couples Happy" based on the 2013 ABC TV series of the same name, and Eight steps to happiness .



Leong, Jasmine

WEDNESDAY 12:00, AUDITORIUM, #W11

Jasmine is the Editor of CSIRO's youth science magazines, *The Helix* and *Scientriffic*. She has been contributing to these publications for more than five years. Jasmine has also edited a range of digital content, such as issues of *Science by Email*, *Maths* and *Stats by Email* and articles for the *Helix@CSIRO* blog. Prior to working on these publications, Jasmine was an Education Officer delivering hands-on science programs for CSIRO Education, speaking to school students across the Northern Territory. Jasmine has a Bachelor of Science with a major in genetics and a Bachelor of Arts with honours in history and philosophy of science. She also has postgraduate certificates in writing and marketing communications.



Lim-Camacho, Dr Lilly

MONDAY 14:15, ROOM B2, #M11

Lilly Lim-Camacho is a scientist with the CSIRO's Science into Society Group. Lilly's research involves assisting multiple stakeholders to understand, plan for and adapt to climate change risk. She utilises a strong user-needs approach to communicating climate change science, and has previously developed novel tools to convey a range of climate scenarios. She is currently involved in a range of national and international projects aimed at delivering climate adaptation science to natural resource managers and primary industry organisations to encourage climate adaptation planning and implementation. Lilly's prior research work has been implemented across private and public sectors, ranging from assisting farmers collaborate to better value-delivery, to developing communication campaigns for far-reaching social issues



Lloyd-Prichard, Dani

WEDNESDAY 13:45, AUDITORIUM, #W14

Ms Dani Lloyd-Prichard is a Research Associate at the Tom Farrell Institute for the Environment at The University of Newcastle. She holds a Masters in Environmental Management and Graduate Diplomas in Education and Science Communication. Dani has worked for State and Local Governments developing waste and water educational resources for communities and educational institutions. In her work with the Tom Farrell Institute, Dani has focused on engagement activities surrounding the development and delivery of the Hunter Valley Electric Vehicle Festival including building collaborative partnerships, facilitating training and engagement workshops, and developing new media communication resources.



SPEAKER INDEX AND BIOGRAPHIES



Long, Suzanne

TUESDAY 15:45, ROOM B1, #T22

Suzanne is currently the Executive Knowledge Broker for the Terrestrial Ecosystem Research Network (TERN, www.tern.org.au), and is a Fellow of the Peter Cullen Trust. Her diverse scientific research background - including a PhD in marine evolutionary genetics (from the University of Sydney), postdocs in Europe, and positions in CSIRO, universities, NGOs and state government departments - generated a strong interest in helping narrow the gap between science and policy. As a result, for the past six years she has worked as a knowledge broker in the front line of Australian environmental science and policy, dealing with topics as diverse and controversial as pesticide impacts on the Great Barrier Reef, forestry practices in Tasmania and the science of climate change. By acting strategically and evaluating the success of her activities wherever possible, her ultimate aim is to increase the rate at which science informs policy and practice, thereby improving long-term outcomes for Australian ecosystems and the communities and economies that depend upon them.



medical research to financial services to education, and in a range of environments, both here and overseas. Currently, she is working as a Content Developer for the Science Learning Hub, a New Zealand Ministry of Business Employment and Innovation funded project, managed by the University of Waikato.

Lowe, Professor Ian

Griffith University

MONDAY 8:30, AUDITORIUM, #M1

TUESDAY 7:00, RYDGES SOUTH BANK, #T1

TUESDAY 13:15, ROOM B2, #T15

Professor Ian Lowe is emeritus professor of science, technology and society at Griffith University and President of the Australian Conservation Foundation. He directed Australia's Commission for the Future in 1988 and chaired the advisory council that produced the first independent national report on the state of the environment in 1996. He has filled a wide range of advisory roles, including chairing the economic, social and environmental committee of the national energy research council for six years and being a member of the Radiation Health and Safety Advisory Council since 2002. A Fellow of the Academy of Technological Sciences and Engineering, he was made an Officer of the Order of Australia in 2001 for services to science and technology. He is a former president of ASC, wrote a regular column for New Scientist for thirteen years, writes regular columns for Australasian Science and other publications, and won the 2002 Eureka Prize for communication of science.



Longnecker, Professor Nancy

Science Communication Program, School of Animal Biology, UWA

TUESDAY 15:45, AUDITORIUM, #T21

WEDNESDAY 9:30, AUDITORIUM, #W3

WEDNESDAY 13:45, ROOM B1, #W15

Nancy Longnecker is Professor of Science Communication in UWA's School of Animal Biology. She has experience as a professional science communicator with a cooperative research centre and now shares her professional and theoretical understanding through teaching in UWA's Science Communication Program. She has a substantial research program which is helping to develop an evidence base to determine impact and effectiveness of science engagement. She and her group examine factors that affect peoples' attitudes towards science-related issues. They examine how information can be used to change attitudes and behaviour while respecting values and different sources of knowledge. Most of her group's research projects relate to environmental issues and sustainability or to attitudes about science more generally.



Madden, Kali

SUNDAY 10:00, THE EDGE, #S1

SUNDAY 15:00, AUDITORIUM, #S2

MONDAY 8:30, AUDITORIUM, #M1

TUESDAY 9:15, AUDITORIUM, #T3

TUESDAY 19:00, BOULEVARD ROOM #T27

WEDNESDAY 10:45, 12:00, 13:45 AND 14:45, ROOM B, #W10

THURSDAY 9:30, THE EDGE, #TH1

Kali has been immersed in all things sci tech for some fifteen years or more, having had a blessed journey through industry IT, collaborative scientific research and not for profit industry associations.

She has been fortunate to have a variety of stimulating roles that involve gathering people together to play, create, learn and grow as well as a strong focus on online collaboration, communication and education tools.

A sampling of projects include setting up a world class research facility; conceiving of a science art exhibition for the World Year of Physics; developing a benchmark national outreach program for collaborative research; creating and



Lourie, Dr Paula

Faculty of Education, University of Waikato

MONDAY 18:15, FOYER, #M16

Paula Lourie is a scientist whose career has evolved through a range of industries and positions. A biologist / geneticist by training, she has worked in a diverse range of fields, moving from



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managing online communities, websites and digital spaces for teaching, training and professional development; and directing the last three transnational convergences for all those who make science accessible (ASC2010, ASC2012, ASC2014).

Mostly she is grateful for the opportunity for continual learning in all things!

Malcolm, Lynne

SUNDAY 15:00, AUDITORIUM, #S2

Lynne Malcolm is the Executive Producer of Radio National's Science Unit, a position she has held for 15 years. For many more years she has worked as a science journalist and broadcaster – and is now the Presenter & Producer of Radio National's program All in the Mind. Lynne is passionate about people and their personal experience and is curious and analytical about what makes us tick. She loves the power of the story to inform and engage people about a wide range of scientific, psychological and societal issues.



Lynne has received a number of awards for her work in radio including Bronze & Gold Medals in the New York Radio Festivals International Awards, the Michael Daley Award for Journalism in Science, finalist status in the Eureka Awards and she has twice won the radio award from the NSW Mental Health Services for two of her All in the Mind series.

Lynne is delighted to be hosting All in the Mind because she finds the workings of the human mind and how that affects our lives endlessly fascinating.

Manyweathers, Jennifer

Science Communication Program, Animal Biology University of Western Australia

WEDNESDAY 14:45, ROOM B2, #W19

MONDAY 18:15, FOYER, #M16

Jennifer Manyweathers is a practicing veterinarian with a passion for virology and how science is talked about in disease outbreaks. Jennifer graduated from the Science Circus, 2004, and started the Science Communication course at the school of Biology at Tsukuba University, Japan. Jennifer has a husband and three children, likes to run and row surf boats.



Martin, Julia

MONDAY 11:15, ROOM B1, #M4

Julia Martin has worked as a communicator and policy advisor in government, non-government and research organisations including the Reserve Bank of Australia, NSW Cabinet Office and the Social Policy Research Centre.



She is the researcher and author of the recent Inspiring Australia report, Inspiring Industry to Inspire Australia: Business and Science Outreach (<http://www.innovation.gov.au/InspiringAustralia>), and The humanities, arts and social sciences and public science engagement in Australia (www.chass.org.au/papers). Dr Martin has also produced Plain English guides to medical consent and decision-making in clinical settings; information products for people with low literacy; and was for four years Director of Streetwise Communications, a company specialising in communicating legal and medical information to marginalised groups. Coming from a humanities background, Dr Martin is particularly interested in how language, culture and literacy influence uptake of scientific information, and in developing ways to optimise two-way communication between scientists and non-scientists.

Martin, Vicki

Southern Cross University

TUESDAY 14:15, ROOM B1, #T18

Vicki Martin is a PhD Candidate in the School of Environment, Science and Engineering at Southern Cross University. Her research topic is the communication of marine science to the wider community, with a particular focus on using social science to improve the effectiveness of communication strategies.



Matthews, Kelly

University of Queensland, Teaching and Educational Development Institute

MONDAY 11:15, ROOM B2, #M5

Kelly is a Lecturer in Higher Education at the University of Queensland. Kelly graduated from the University of New Orleans in 2000. She worked at Louisiana State University Health Sciences Center investigating links between viral infections and neurodegenerative diseases before entering a graduate program in education. She was teaching science in under-served schools in New Orleans before moving to Brisbane in 2006. Her research involves practical applications into higher education issues focused on undergraduate curriculum reform efforts and students' experiences. Her current interest in science students' quantitative skills involves research into science and mathematics curricula and its influence on student beliefs of their learning.



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McAllister, Dr Peter

MONDAY 18:15, FOYER, #M16

Dr Peter McAllister is an anthropologist, archaeologist and science writer from Griffith University. He writes funny and informed science books about what palaeoanthropology teaches us about the modern human condition, such as: *Manthropology*, a devastating analysis of the inadequacies of modern men compared to their ancient brethren; and *Pygmonia*, his investigation into the lost 'Land of the Pygmies'. Peter holds a PhD in science communication from the University of Queensland. His research has been developed for documentary film by companies such as National Geographic Television and Natural History New Zealand.



McDonald, Dr Ian

Alzheimer's Australia

MONDAY 17:00, AUDITORIUM, #M15

Dr Ian McDonald is the Research Communications Officer for Alzheimer's Australia and also the President of the ACT branch of the Australian Science Communicators. He has a strong passion for science and completed his PhD in 2012 through the University of Queensland in the field of Animal Reproductive Immunology. He has 10 years experience studying and working in the research sector and is now on a mission of translating difficult and sometimes taboo topics into simple, plain and engaging language for various audiences to understand.



McClellan, Dr Shilo

TUESDAY 9:45, AUDITORIUM, #T4

Dr. Shilo McClellan is a graduate of the Australian Film Television & Radio School and the author of the books: *The Digital Playing Fields: New Rules for Film, Art and Performance* (Currency House, July 2010), *Digital Storytelling: the narrative power of visual effects in film* (MIT Press, 2007; 2008; 2009), *So What's This All About Then: a non-user's guide for digital effects in film* (AFTRS, 1998) and was a consultant to *Animal Logic* on the production of their book, *The Art of the Legend of the Guardians*, (2012). She designs and conducts seminars, workshops, and lectures for industry and tertiary courses in filmmaking, digital visual effects, fine arts, architecture and storycraft and mentors PhD candidates through the UTS Research Mentorship program. She is the Chair of the Curriculum Advisory Committee for the Enmore Design Centre's Bachelor of 3D Art and Animation. For over a decade, she was a consultant to Screen NSW for the establishment and conduct of the annual Digital Visual Effects Traineeship Scheme working with Australia's leading visual effects companies in placing emerging talent in roles across digital visual effects. She produced and directed two documentary videos on digital visual effects for Screen NSW — *How Long is A Piece of String* (2002); *Adding Strings to Your Bow* (2004) and was the digital strand curator for the Sydney Film Festival, producing and directing the podcasts for the festival program.



Shilo was one of the Founding Board Members and Vice Chair of Sydney ACM SIGGRAPH (Professional Chapter) for almost a decade prior to stepping up for the Chair position in 2012. Her consulting and editorial work ranges from digital image curation for games developers, strategic advice on educational/media ICT development and digital content, and the development of strategy documents and reporting in the areas of digital media/ICT.

McGill, Jacqui

MONDAY 11:15, ROOM B1, #M4

Jacqui McGill is a highly regarded resource industry professional who has held various management roles within the resources sector. As Asset President of BHP Billiton Mitsui Coal (BMC) she is responsible for the performance of an entire division of BHP Billiton Mitsui Coal business within BHP Billiton. As a director of the company (BMC) and another Joint Venture she is an effective executive director who has been responsible for delivering outstanding profit and company performance. In addition to her commercial responsibilities she also provides leadership in the communities in which the organization operates and this has provided Jacqui the opportunity to influence, engage and provide governance to NFP organizations. Previous roles in a broad range of resource sectors have allowed her to demonstrate her expertise in investment evaluation, operational management and project delivery. Her volunteer work at the University of Adelaide, Australian Mines and Metals Association mentoring program, and BHP Billiton mentoring program demonstrate her commitment to developing future leaders and investing in the future.



McKenzie, Melanie

The University of Queensland

WEDNESDAY 12:00, AUDITORIUM, #W11

Melanie McKenzie is a PhD candidate at The University of Queensland. Her thesis titled 'Science Communication Evaluation: The role of values' examines the values that guide evaluation of science communication among professional science communicators and lay audiences. She is also a freelance science communication consultant, and workshop presenter for Econnect Communication.



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McKinnon, Dr Merryn

MONDAY 17:00, AUDITORIUM, #M15

Dr Merryn McKinnon Research Associate, Australian National Centre for Public Awareness of Science, Australian National University Dr Merryn McKinnon is a Research Associate at the Australian National Centre for the Public Awareness of Science (CPAS) at the Australian National University (ANU) where she lectures in science and the media. Merryn has over twelve years experience in science communication roles and research nationally and internationally. She has worked as a presenter, evaluator, university lecturer, marketing consultant and media trainer.



Merton, Dr Eve

La Trobe University

TUESDAY 15:45, ROOM B1, #T22

Dr Eve Merton has a professional background in science, technical and medical (STM) editing, writing and research. She has worked in the private sector in peer-reviewed journal publishing and as a consultant for government, non-government and private organisations in the production of STM publications. She is a Research Programs Associate in the Office of the Deputy Vice-Chancellor Research at La Trobe University, working across the University's Research Focus Areas and Disciplinary Research Programs to engage researchers and build capacity. Her own research interests include the communication of the natural and social sciences, development of evidence-based and evidence-informed policy, and research-into-policy.



McNee, Fiona

Principal, BigPic

TUESDAY 13:15, ROOM B1, #T14

WEDNESDAY 9:30, ROOM B3, #W6

Fiona McNee has over 18 years experience in providing business strategy, development and communication advice to clients from both public and private sectors. Combining tertiary qualifications in both law and communication, she has worked with clients across a diverse array of industries, from ICT and energy technologies to agricultural and marine industries, to develop solutions to the challenges of delivering outcomes in an ever-changing environment. With an increasing focus on the research, innovation and scientific sectors, she has developed significant expertise in identifying emerging trends, collaborative problem-solving and proactive partnering that enhance relationships and deliver sustainable policy, social and financial gains.



Metcalfe, Jenni

Econnect Communication/University of Queensland

MONDAY 14:15, AUDITORIUM, #M9

MONDAY 17:00, AUDITORIUM, #M15

TUESDAY 7:00, RYDGES SOUTH BANK, #T1

TUESDAY 9:45, ROOM B3, #T7

TUESDAY 11:00, AUDITORIUM, #T8

TUESDAY 13:15, ROOM B2, #T15

TUESDAY 15:45, AUDITORIUM, #T21

MONDAY 18:15, FOYER, #M16

WEDNESDAY 12:00, ROOM B2, #W13

Jenni Metcalfe is the Director of Econnect Communication. She also lectures in science journalism at the University of Queensland. She has been a science communicator for more than 24 years, working as a journalist, practitioner and researcher in this area. Jenni has published many papers and articles on science communication. She was co-editor of the human scale: International practices in science communication, published in 2006 by Science Press, Beijing. She was President of the Australian Science Communicators (ASC) from 2005 to 2007. During that time, ASC hosted the World Conference of Science Journalists. Jenni has been a member of the scientific committee of the PCST Network for 16 years



Medvecky, Dr Fabien

TUESDAY 15:45, AUDITORIUM, #T21

WEDNESDAY 9:30, ROOM B1, #W4

Dr Fabien Medvecky is a research fellow in the Science Communication Program at UQ. He has published on science ethics and is an expert on economics rhetoric in the sciences and social survey techniques.



Menzies, Luke

Australian Centre for the Public Awareness of Science

TUESDAY 14:15, ROOM B1, #T18

Luke Menzies is a PhD researcher currently researching the communication of complex environmental problems at the Australian National Centre for the Public Awareness of Science at ANU. Particularly interested in interdisciplinary and participatory approaches to communicate climate change.



Micallef, Brogran

Communications Officer, Australian Herbicide Resistance Initiative

WEDNESDAY 12:00, ROOM B1, #W12

Brogran Micallef will show you how smartening down the message by layering information according to complexity allows hard science to be easily understood and accessible to an audience beyond just the scientific community. As Communications Officer for



SPEAKER INDEX AND BIOGRAPHIES



the Australian Herbicide Resistance Initiative (AHRI), based at The University of Western Australia, Brogan and the AHRI Communication Team use the SUCCESS principle (Simple Unexpected Concrete Credentialed Emotional Story) to engage growers and agronomists through workshops, an easy to read e-newsletter, articles, video and online media. By providing the story and not just the science, Brogan and the team work to fit science into the real world, ensuring that the agricultural community has tangible information to act on.

Miller, Professor Suzanne

MONDAY 11:15, ROOM B1, #M4

Professor Miller was appointed as CEO and Director of the Queensland Museum Network in July 2013. Born in Edinburgh, Scotland, she studied Geology Honours at the University of St Andrews before completing her PhD in Marine Geology at Imperial College, University of London. Prior to moving to Queensland, Suzanne was the Director of the South Australian Museum from 2007 to 2013. She spent 12 years with National Museums Scotland, latterly as Keeper of Natural Sciences. She was an Honorary Research Fellow in Earth Sciences with the University of Aberdeen and a Lecturer in Earth Sciences with the Open University. Professor Miller is a Fellow of the Geological Society of London, Fellow of the Mineralogical Society, Fellow of the Royal Society of South Australia, Fellow of the Australian Institute of Mining and Metallurgy, and Member of the Geological Society of Australia. Professor Miller is also currently Affiliate Professor in Earth & Environmental Sciences at the University of Adelaide. She is Deputy Chair and the Australian Representative on the Board of Scientific Collections International (an OECD Global Science Forum initiative), a member of the Australian Research Council Advisory Council, the Cooperative Research Centres Committee, the National Cultural Heritage Committee and the Queensland Advisory Committee for the Commemoration of the Anzac centenary. She was formerly a member of the National Research Infrastructure Council, the Australian e-Research Infrastructure Council, the Premier's Science and Industry Council SA, the National Parks and Wildlife Council, and was the Deputy Chair of the inaugural Premier's Climate Change Council SA. Professor Miller was a member of the Peer Review College of the Natural Environment Research Council, UK. Her previous roles include Researcher, BBC Science programming; Post-doctoral Research Associate in Environmental Chemistry at the Universities of Lancaster and Oxford; geochemist at the Institute of Offshore Engineering, UK; and geologist with the British Antarctic Survey.



Mills, Michael

Heaps Good Productions

TUESDAY 17:00, ROOM B2, #T26

TUESDAY 19:00, BOULEVARD ROOM #T27

Michael Mills has written, directed, produced and appeared in over forty shows as a variety of characters, as well as himself, during the Come Out Festival, the Adelaide Fringe Festival, at Adelaide and Melbourne Zoos, the Adelaide Botanic Garden, the S.A. Museum, the SA Maritime Museum, the Royal Sydney Botanic Gardens, and at hundreds of schools and kindergartens. In recent years, Michael has increasingly utilised the talents of performers selected via the Australian Classical Youth Ballet, and Adelaide Youth Theatre. Michael has performed to thousands of school students through his performances at both a range of cultural institutions, and in schools. Through a range of in-school performances, such as *The Storyteller* and *Dinosaurs Down Under*, Michael is developing, and enhancing theatrical experiences for schools that are able to bring both cultural and scientific artefacts, and their stories, to life. Michael is recognised as a world innovator in Museum Theatre, and in the use of music and theatre to enhance the stories of museum collections and scientific concepts. With a focus on audiences aged 4 to 9 his performances have included shows about Australia's pre-history, plant evolution the complex emotional lives of animals, urban ecology, sustainability, the making of the universe, and Australian wildlife. As a result of his standing within the industry, Michael was recently appointed to the position of Adjunct Research Associate at the Barbara Hardy Institute at the University of South Australia. The focus of this role is to particularly explore and develop the use of performance in citizen science projects, and in linking people to their local environments



Mitchell, Natasha

MONDAY 14:15, AUDITORIUM, #M9

MONDAY 17:00, AUDITORIUM, #M15

Natasha Mitchell is a multi-award winning journalist and broadcaster. She hosts the national, daily morning show, *Life Matters*, on ABC Radio National, and is co-editor of *The Best Australian Science Writing 2013*. Natasha was the founding presenter & producer of the popular science, psychology & culture radio program, *All in the Mind* (2002-12). She served as a board member and then vice president of the World Federation of Science Journalists (2009-13), and was recipient of a Knight Fellowship at MIT/Harvard in 2005-6. She has an engineering degree and a postgraduate diploma in science communication.



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Mitchell, Nigel

Australian Science Teachers Association

TUESDAY 14:15, ROOM B2, #T19

Nigel Mitchell is Manager of Online Professional Learning for the Australian Science Teachers Association. He has taught in Catholic, Independent and government schools in South Australia and Western Australia, and also at University level. Nigel manages the ASTA Online Professional learning portal, and also travels regularly throughout Australia to work with members of the state and territory Science Teacher Associations to increase digital literacy amongst educators by promoting the use of online technologies in teacher professional learning and in the classroom. Nigel manages the social media presence of ASTA on Twitter (@ASTA_online) and Facebook (ASTA.science).



functions. His previous Commonwealth appointments include heading the Molecular Biology Section at the Therapeutic Goods Administration, and as a senior toxicologist with Food Standards Australia and New Zealand (FSANZ).

Nielssen, Oona

MONDAY 9:45, AUDITORIUM, #M2

Oona Nielssen heads up CSIRO's corporate communication strategy. With over 25 years experience in communication she has worked in-house and as a strategic consultant for major companies as well as the public sector.



Previous roles include senior strategist with Impact Employee Communications, Head Of Communication Lend Lease Asia Pacific, and National Manager Television Training, ABC.

She has expertise in implementing cultural change, in stakeholder engagement and in creative campaigns. Oona's work focuses on identifying the business drivers and needs of an organisation and working with people internally and externally to achieve goals.

Mitchell, Robbie

Econnect Communication

MONDAY 19:00, ROOM B3, #M17

MONDAY 18:15, FOYER, #M16

I'm always asked "what does a science communicator do?", to which I answer "many things that help scientists explain to the world why their work is important, interesting and great!".

Having completed my Masters in Science Communication at ANU in 2009, I've been working as a science communicator for Econnect Communication in sunny Brisbane. When I moved to Queensland I joined the local ASC branch and have been regional co-ordinator (2011-12) and treasurer (2013-current).



Nogrady, Bianca

Freelance science journalist

MONDAY 14:15, AUDITORIUM, #M9

Bianca is a freelance science journalist, author and broadcaster. In nearly a decade of freelance reporting across the length and breadth of science, she has written for Scientific American, New Scientist, The Australia, the ABC, Ecos Magazine, Australian Doctor, any many more. She is also the author of The End - The Human Experience of Death, and co-author with Dr James Bradfield Moody of The Sixth Wave.



Morris, Clive

MONDAY 11:15, AUDITORIUM, #M3

Clive Morris is Head of Strategic Policy Group at the National Health and Medical Research Council (NHMRC), Australia's major governmental funding body for health and medical research.



The Strategic Policy Group manages and develops strategies for NHMRC's health and medical research funding schemes, supports the peer review process and International funding strategy as well as supporting the acceptance of streamlined ethical review processes.

Prior to joining the Commonwealth Public Service, Clive was active in biomedical research work in Australia and Europe. During his time with NHMRC, Clive has undertaken a number of roles, including looking after NHMRC's health ethics and health advisory activities and corporate support

O'Callaghan Mary

MONDAY 18:15, FOYER, #M16

Mary is a senior writer and an accredited editor (Institute of Professional Editors) at Econnect Communication where she has worked since 2005. That was a year of major change in her career, as she bade farewell to software development after 20 years and enrolled at university to study writing, editing and publishing. She loves to work with scientists because of their interest in the world and their passion for explaining their work. A keen sculler, Mary is often up before the kookaburras, gliding across a nearly lake in her eternal quest for perfection on the water.



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Oakley, Dr Cecily

University of Sydney

MONDAY 18:15, FOYER, #M16

A passion for science started me on the path to research. However a greater love for talking about science has taken me into science communication. After a PhD and post-doc in biophysics, I worked for an outreach program at Questacon and in a science history/public engagement project at the Australian Academy of Science. Now in the School of Biological Sciences at the University of Sydney, run outreach events, write for the web and engage with our alum.



Her research interests focus on climate change impacts, and the application of climatic data to economic and planning issues. She specialises in the study of changes in extreme events and their impacts, especially windstorm. She was a Lead Author for Working Group II of the IPCC Second and Third Assessment Reports. She has authored more than 200 papers, articles and reports on the topic of climate change and climate variability. Her proudest moment to date was attending the ceremony in 2007 at which the IPCC was awarded the Nobel Peace Prize.

Palmer, Dr William

Freelance science journalist

TUESDAY 9:45, ROOM B2, #T6

Dr Bill Palmer was born in 1937. He attended secondary school at St Edward's School, Oxford. Bill obtained his Bachelors degree in Chemistry, Physics and Mathematics at the University of Exeter in 1959 and his Teacher Certificate in 1960. He obtained his first Masters degree from the University of East Anglia in 1970 and a second Masters degree from the University of Oxford in 1981. He obtained his PhD in 2003 from Curtin University, Australia. Bill has worked in Britain, Nigeria, Papua New Guinea, Western Samoa and Australia but always in science education. He was a senior lecturer in science education in the Faculty of Education, Health and Science at Charles Darwin University from 1989 until February 2007 when he retired after nearly fifty years of service to education. He has an honorary position as Associate with SMEC at Curtin University.



Patterson, Dr Kate

Garvan Institute of Medical Research

MONDAY 18:00, FOYER, #M16

TUESDAY 9:00, AUDITORIUM, #T2

TUESDAY 9:45, AUDITORIUM, #T4

WEDNESDAY 8:45, AUDITORIUM, #W1

Dr Kate Patterson is a biomedical illustrator and visual science communicator at the Garvan Institute of Medical Research and a Sydney University graduate from the Veterinary Science faculty. Prior to completing a PhD in molecular biology and cancer research (human) at the Garvan Institute, she practiced as a small animal veterinarian. It was during her time as a PhD student that Kate developed a passion for communicating science, and specifically, communicating science visually. For the past five years, Kate has worked with scientists, doctors and veterinarians to create images and visual resources about science and medicine, for varied audiences. Kate is currently working on a 3D animation project called "Cancer is not just one disease" as part of the Australian Government's Inspiring Australia Initiative.



Palutikof, Professor Jean

TUESDAY 15:45, ROOM B1, #T22

Professor Jean Palutikof is Director of the National Climate Change Adaptation Research Facility at Griffith University. She took up the role in October 2008, having previously managed the production of the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report for Working Group II (Impacts, Adaptation and Vulnerability), while based at the UK Met Office.

Prior to joining the Met Office, she was a Professor in the School of Environmental Sciences, and Director of the Climatic Research Unit, at the University of East Anglia, UK, where she worked from 1979 to 2004, and a Lecturer at the Department of Geography, University of Nairobi, Kenya, from 1974 to 1979.



Prior, Dr Jason

Dr Prior is participating with support from CRC CARE

MONDAY 11:15, ROOM B1, #M4

Dr Jason Prior is a Research Director of the Institute for Sustainable Futures at the University of Technology Sydney.

Over the past four years Jason has carried out a series of projects exploring risk communication within the Australian remediation context, funded by the Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE). The research has been developed in close consultation with industry partners and environmental regulators, as affected members of the public. The focus of this research is public understanding and engagement with science and technology, communication within decision-making contexts (especially in the area of public input into policy and decision-making), and the role of communication in the professional practice of sciences and technology. These



SPEAKER INDEX AND BIOGRAPHIES



CRC CARE projects are part of Jason's broader research on improved decision-making, governance and planning for institutional, urban and regional futures. Jason is participating at this Conference with support from CRC CARE.

Quinn, Keely

TUESDAY 13:15, AUDITORIUM, #T13

TUESDAY 17:00, AUDITORIUM, #T24

Keely Quinn is the longest serving Inspiring Australia Officer and works in the Northern Territory in partnership with Engineers Australia NT division.



Randles, Jackie

TUESDAY 17:00, AUDITORIUM, #T24

Jackie Randles has many years' experience in marketing, communications and campaign management in the public and NGO sectors. Jackie started her career in radio broadcasting and has subsequently worked in media relations and public affairs, running campaigns on topics including breast cancer, ageing, violence against women, tobacco control, ethics, privacy awareness and financial literacy. Above all, Jackie likes to share stories to spark interest and inspire action - this is precisely what she does as the Manager, Inspiring Australia (NSW).



Reade, Cathy

TUESDAY 9:45, ROOM B3, #T7

Cathy Reade spent her early career working for a range of Canberra-based lobby groups. In 1989 she started working for the Crawford Fund, a non-profit organisation that works to increase Australia's engagement in international agricultural research, development and education for the benefit of developing countries and Australia. Cathy developed and manages a Crawford Fund Master Class in Communication with Stakeholders for scientists in developing countries, with facilitators Jenni Metcalfe and Toss Gascoigne. Additionally, she has a media consultancy concentrating in the not-for-profit sector around agriculture, development/aid, S&T and environment policy, issues and events. Cathy produced development-focussed sessions at the World Conference of Science Journalists in Melbourne in 2007 and at the ASC Conference in Canberra in 2010.



Readfearn, Graham

MONDAY 14:15, AUDITORIUM, #M9

Graham Readfearn is an independent journalist and commentator specialising in climate change, environment and climate science denial. He writes the Planet Oz blog for The Guardian and contributes to the US-based DeSmogBlog - a site devoted to 'clearing the PR pollution that clouds climate science'. Graham also writes for ABC Environment and Green Lifestyle magazine. He was previously an environment and feature writer for The Courier-Mail in Brisbane, where he wrote a daily environment blog. In the UK, Graham worked for four years as a reporter on regional daily newspapers and was a producer on BBC Radio's national news and sport network Five Live.



Rennie, Emeritus Professor Léonie

Curtin University

MONDAY 14:15 AND 15:45, ROOM B1, #M10

TUESDAY 15:45, AUDITORIUM, #T21

WEDNESDAY 9:30, AUDITORIUM, #W3

Professor Léonie Rennie is the Emeritus Professor in the Department of Research & Development at Curtin University, Perth. She has a background in science teaching in West Australian schools and was involved in teacher education programs at the University of Western Australia, before taking up her position at Curtin University. She has studied and published widely on science and technology education, visitor interactions at Science Centers and Museums and learning science through activities outside of school.



Ritter, David

Greenpeace

MONDAY 15:45, AUDITORIUM, #M13

TUESDAY 14:15, AUDITORIUM, #T17

David Ritter is the Chief Executive Officer of Greenpeace Australia Pacific. David returned to Australia to take up this role in August 2012 after five years working in a senior campaigns position with Greenpeace in London. There he worked on the global issues of destructive fishing, deforestation and climate change. Prior to joining Greenpeace, David worked as an academic and a lawyer in both commercial and native title practices. David is a widely published commentator on politics, law, history and current affairs. He is an Honorary Fellow of the Faculty of Law of the University of Western Australia and an Associate of the Institute for Democracy and Human Rights at the University of Sydney.



SPEAKER INDEX AND BIOGRAPHIES



Roetman, Dr Philip

WEDNESDAY 10:45, ROOM B2, #W9

Philip Roetman is a Research Fellow at the University of South Australia's Barbara Hardy Institute. Philip has worked closely with Prof Chris Daniels on citizen science projects, including "Operation Possum", "Operation Magpie", "Operation Spider", and "the Great Koala Count", as well as events such as "Bring us your Bugs". These projects have engaged thousands of participants of all ages. Results have been disseminated back to the community through popular books like "The Possum-Tail Tree" and "The Fearsome Flute Players: Australian Magpies in our Lives". In 2013, Philip commenced work on a new initiative, "Creating Biophilic Cities through Citizen Science": <http://www.unisa.edu.au/citizenscience>.



Australia and is represented in national and private collections in Australia, USA and the United Kingdom. Mary is currently a Lecturer in Visual Art at La Trobe University and is an Adjunct Research Associate with Institute for Land Water and Society (ILWS), Charles Sturt University.

Ross, Christine

MONDAY 18:15, FOYER, #M16

TUESDAY 9:45, ROOM B1, #T5

TUESDAY 7:00, RYDGES SOUTH BANK, #T1

Christine Ross is a New Zealand based communications professional. Formerly a journalist, she has worked for research and technology based organisations for over a decade. Her areas of interest include communicating disruptive and controversial science and public engagement. Christine is the current President of the Science Communicators Association of New Zealand.



Rooney-Harding, Susan

Inspireevery1 Productions

SUNDAY 10:00, THE EDGE, #S1

WEDNESDAY 10:45, 12:00, 13:45 AND 14:45, ROOM B3, #W10

THURSDAY 9:30, THE EDGE, #TH1

Susan Rooney-Harding is a Multimedia Producer with vast experience in community story telling and has equipped multiple communities and individuals with the skills to create digital content for multi platform use. Content that she has created has been seen on several websites, News 24, Landline, ABC Online, ABC Open and ABC Rural. <http://inspireevery1productions.com/>



Salisbury, Janet

Biotext

MONDAY 18:15, FOYER, #M16

TUESDAY 12:00, ROOM B3, #T12

WEDNESDAY 14:45, ROOM B2, #W19

Dr Janet Salisbury has a PhD in experimental oncology from Manchester University, UK and continued her career in cancer research at St George's Hospital Medical School, London (1976-82), the University of Melbourne, Department of Medicine (1983-84) and the John Curtin School of Medical Research (1986-88). In 1990, she made a career change into consultancy, writing and editing work and from a small beginning as a sole trader, she has built up Biotext since that time. Over the past 20 years, Janet has researched, written or edited proceedings and reports for numerous government departments and agencies, nongovernment organisations and academic institutions. In 2003, she passed the exam of the Board of Editors of the Life Sciences to become one of a small group of Australian science editors to hold the qualification Editor in the Life Sciences (ELS). In 2009, Janet passed the Australian Institute of Professional Editors exam to become an Accredited Editor (AE). For the past 10 years, Janet has also worked closely with Australia's top experts in evidence-based practice. She has worked with many systematic reviewers to interpret their findings for clinical practice and population health guidelines, and is one of the foremost experts in these areas in Australia. In 2002, she was one of the first in the world to publish information about the application of evidence-based practice methodology to environmental management.



Rosengren, Mary

TUESDAY 9:45, AUDITORIUM, #T4

Mary Rosengren is a visual artist whose installations and media works respond to overlays between images in art and science and the visualisation of dynamic systems.

Her research of vegetation in extreme environments has taken her from the saltbush of Lake Mungo, NSW to sites in the Cairngorm Mountains of Scotland, the Antarctic Peninsula and into significant scientific collections and facilities in the UK and Australia, recently to CSIRO Biological

Collections and Australian Synchrotron. In 2011 Mary received an Australian Network for Art and Technology (ANAT) Synapse6 Residency to research CSIRO Biological Collections and was CSIRO Discovery's 2012 Artist in Residence. (NSW). Her work has been exhibited in the United Kingdom, Japan and



SPEAKER INDEX AND BIOGRAPHIES



Sauren, Dr Maia

MONDAY 11:15, AUDITORIUM, #M3

TUESDAY 9:45, ROOM B1, #T5

For someone who works in neither science nor communications, Maia rants an awful lot about complex concepts. Maia works for ThoughtWorks, a software consultancy, and moonlights as an ambassador for the Open Knowledge Foundation, a not for profit organisation dedicated to promoting open data and content. Her PhD in Why Mobile Phones Don't Give You Cancer was interspersed with coordinating the Australian Centre for Radiofrequency Bioeffect Research, writing scripts for science education videos, and getting really good at flourless baking. Maia recently organised HealthHack, a datahack for medical research problems. She also organises a weekly hacknight for OpenMRS, a free open source medical records system for the developing world. Her passion is bringing different communities together for fun and profit.



Searle, Dr Suzette

TUESDAY 15:45, AUDITORIUM, #T21

Suzette Searle is a postdoctoral fellow with the Australian National Centre for the Public Awareness of Science (CPAS) at The Australian National University where she is focused on surveying public opinions about science-related topics. Suzette has studied and worked in science communication for the past 16 years. Before then, she was awarded two forestry degrees and worked as a scientist for 17 years with CSIRO, Australia's national research organization, where she specialized in the genetic variation and utilization of Australia's larger Acacia species.



Shaw, David

WEDNESDAY 13:45, AUDITORIUM, #W14

David Shaw is a maths communicator and artist. David was the founding Editor of CSIRO's Maths by Email, and still writes and distributes the newsletter every fortnight.

David is a seasoned maths presenter, touring nationally with the Tenix Questacon Maths Squad, and presenting a keynote presentation at The Mathematical Association of Victoria Annual Conference in 2010. David is a founding member of Boho Interactive, an interactive theatre group that produces interactive theatre performances based on the sciences of Game Theory, Complex Systems science and Network Theory. David has presented work around Australia for the Asia-Pacific Complex Systems Science Conference, the Brisbane Festival Under The Radar, the ACT Street Theatre and the Manning Clark House Cultural Centre, as well as internationally at Battersea Arts Centre, the Dana Centre, and University College London.



Schmidt, Dr Becky

WEDNESDAY 10:45, ROOM B1, #W8

Becky Schmidt is an Accredited Editor whose research and editing experience enables her to integrate complex scientific information from a wide range of disciplines.



Schneyer, Christine

Little Scientists Initiative Australia

MONDAY 18:15, FOYER, #M16

TUESDAY 9:45, ROOM B2, #T6

Christine is the Project Manager for the Little Scientists Initiative in Australia. She was born in Germany, where she graduated with a Master of Business Administration. As a scholarship holder of the DAAD (German Academic Exchange Service) she completed part of her studies in the United States. After finishing her degree nine years ago Christine moved to Australia. During her professional career she has gained extensive experience in marketing and related areas in Australia, Germany and the United States, with a variety of well recognised companies across the manufacturing, service and retail sectors. Christine joined FROEBEL Australia, a not-for-profit provider of bilingual children's services, as Project Manager for the not-for-profit Little Scientists initiative at the beginning of 2013, to take on the exciting task of establishing the programme in Australia.



Sieberttritt, Carly

CSIRO Education/Inspiring Australia project officer

TUESDAY 17:00, ROOM B1, #T25

Carly Sieberttritt is the Inspiring Australia project officer for Victoria, one of eight state and territory IA officers who support science communication and engagement projects, help them gain publicity and encourage local collaboration. She is based at CSIRO in Melbourne, and creates and supports science events and experiences for adults. She is also the current ASC Victorian Branch President.



SPEAKER INDEX AND BIOGRAPHIES



Sizer, Renee

Scitech Discovery Centre

TUESDAY 11:00, ROOM B2, #T10

As a journalism graduate majoring in broadcast news and politics, Renee Sizer first found her interest in science after joining the ScienceNetwork WA team as a journalist in early 2011. Renee has since sharpened her skills in science communication and editing and enjoys the daily blend of words and science served up to her as an editor. She enjoys learning daily about the fantastic ideas, contributions and achievements of Western Australian researchers and looks forward to being involved in the sharing information, in whatever form, well into the future.



of Government, NGO's and the private sector. Projects he has worked on focus on behaviour and behaviour change in the areas of water, energy, waste, litter, pollution, climate change adaptation and wildlife conservation.

Soderlund, Alexandra

University of New South Wales – School of Biological, Earth and Environmental Science

MONDAY 18:15, FOYER, #M16

Alex has just completed her BSc Honours, the concluding year of her Science/Arts degree in Genetics/Media, Culture and Technology.

She is a contributing editor to the Science Student Newsletter at UNSW. She is the Communications Coordinator for the NSW branch of the Australian Youth Climate Coalition. She has worked as an intern at the US Environmental Protection Agency, in the Communications Department of NCEA, and has been published on the EPA's blog. She has also published several creative pieces.



Smith, Bridie

MONDAY 15:45, ROOM B2, #M14

Bridie Smith is The Age's science editor. Since starting at The Age as a trainee in 2003, Bridie has covered the general news, consumer affairs and education rounds. She is also a regular reviewer for the annual Good Food Guide and serves as a locum news editor on the newsdesk. In 2008 she moved to science – and a whole new world opened up. A Monash University arts graduate with honours in history, science had always seemed daunting. But the diverse nature of the field combined with the challenge of explaining sometimes complex concepts and the relevance to readers' lives has proved immensely satisfying. At five years and counting, this is the longest time she has been in a round.

Her contact details are: (03) 8667 2934 or bsmith@fairfaxmedia.com.au

You can follow her on Twitter: @BridieSmith



Stanford, Dr Richard

Biotext

TUESDAY 12:00, ROOM B3, #T12

Richard Stanford has an undergraduate degree, graduate diploma and masters degree in visual arts, and a PhD in new media and cross-disciplinary studies between art and science. He has extensive experience in new media, design, illustration, science publishing and digital media and has over 15 years' experience in publication production. In 2003, Richard was awarded the HC Coombes Fellowship at the Australian National University. In 2010, he studied in residency at the Pearson Laboratory for Cognitive Neuroscience, UNSW to gain insights into aspects of vision and interaction. Richard combines key aspects of theoretical knowledge, practical experience, visual communication, collaborative partnerships and creative thinking to ensure important ideas reach their intended aims. In 2011, he joined science information consultancy Biotext as General Manager and Creative Director.



Smith, Liam

TUESDAY 15:45, ROOM B1, #T22

Liam Smith is the Director of BehaviourWorks Australia at the Monash Sustainability Institute, Monash University. Liam helped establish BehaviourWorks and as Director, has overseen its significant growth since inception. Prior to taking up this role, he was Director of the Tourism Research Unit at Monash University. Liam's primary research interest is human behaviour and he has investigated several behavioural antecedents including emotion, attitudes, values, norms and values. He has published over 50 peer-reviewed journal articles, book chapters and reports on human behaviour and behaviour change. Almost all of Liam's research has been conducted in collaboration with industry, reflecting a strong end-user focus, and research partners include all levels



Stephenson, Andrew

The University of Queensland

SUNDAY 15:00, AUDITORIUM, #S2

After studying astrophysics in his undergraduate and honours degrees, Dr Andrew Stephenson switched focus to studying superconducting plastics for his PhD. During his time as a student Andrew was very active in science outreach, winning several awards/competitions.



SPEAKER INDEX AND BIOGRAPHIES



Since 2010 Andrew has been working full time as Science Communicator for the School of Mathematics and Physics at The University of Queensland. In addition to organising BrisScience Andrew runs the Science Demo Toupe, and each year personally runs hundreds of science demonstration shows and workshops for thousands of students all over Queensland. Through his outreach, Andrew has shared science with kids in every corner of the state, and even took liquid nitrogen to the Simpson Desert.

Stocklmayer, Professor Sue

MONDAY 14:15 AND 15:45, ROOM B1, #M10

TUESDAY 15:45, AUDITORIUM, #T21

Professor Sue Stocklmayer is the Director of the Australian National Centre for the Public Awareness of Science. Research at the Centre deals with the interface between science and the public across a broad range of issues. As part of the University's outreach programs, Sue has presented festival science shows, lectures and workshops on all five continents. Sue has a U. London science degree and worked on the Zambian copper mines as a chemist. She emigrated to Australia with her family after co-directing an extensive hands-on science program for rural village students in Zimbabwe. This experience opened Sue's eyes to the importance of hands-on, multicultural, relevant science. She gained her doctorate at Curtin University in Perth and joined the ANU in 1996. She was awarded an AM in 2004 for science communication initiatives. Sue thinks that science communication is the best possible mixture, combining science, theatre (a lifelong interest), multicultural and gender issues and a host of other things at the interface between science and the public.



Stone, Alvin

WEDNESDAY 10:45, AUDITORIUM, #W7

Alvin worked as an editor with Fairfax Community News and then News Local for over a decade before moving across to media communications. As a media communicator he has worked for WWF-Australia as Western Australia Media Manager and as a Senior Consultant with Primary Communication, a boutique agency specialising in corporate clients in the energy, transport, IT and not-for-profit sectors. Currently, he is the Media and Communications Manager for the ARC Centre of Excellence for Climate System Science.



Sturmer, Jake

MONDAY 15:45, ROOM B2, #M14

Jake Sturmer is the ABC News science and technology correspondent.

He was with the ABC previously in the Perth newsroom. He began as a cadet covering radio and TV news and then moved into television current affairs where he worked for several years. In his time working for Stateline and 7.30 he covered many science and technology stories. He also hosts the Technology Quarter on ABC News 24. In 2012 he was named the Walkley Young Australian Journalist of the Year for an investigation into child sexual abuse at a government run hostel in regional WA. You can follow him on Twitter:@thesoundofjs



Sullivan, Miriam

Science Communication, The University of Western Australia

TUESDAY 17:00, ROOM B2, #T26

Miriam has recently completed her PhD, where she surveyed both people and goldfish about their opinions on the welfare of pet fish. Her research interests lie in communicating animal welfare, the role of media in science communication and evidence-based teaching. Miriam teaches presentation and media skills to students at the University of Western Australia.



Terrill, Bronwyn

Garvan Institute of Medical Research

MONDAY 18:15, FOYER, #M16

WEDNESDAY 9:30, ROOM B2, #W5

Bronwyn is a science communicator, educator and writer at the Garvan Institute of Medical Research, where she is responsible for public and professional engagement with genomic medicine. For the past twenty years, Bronwyn has focused on engaging a diverse range of audiences with emerging technologies: particularly genetics, genomics and molecular biology. She has worked in Australia, the USA and the UK, curating museum and science centre exhibitions, producing online and broadcast media, and developing educational programs for school students, teachers, professionals and public audiences. Her most recent role in the UK was to establish and manage a multifaceted public engagement program for the largest genome centre in Europe, where she supported researchers in diverse collaborations with broadcasters, educators, artists, and producers.



SPEAKER INDEX AND BIOGRAPHIES



Ting, Steve

TUESDAY 9:45, ROOM B2, #T6

Born and raised in the cosmopolitan metropolis known as Hamilton, New Zealand, Steve Ting is a former marine biologist who traded in his wetsuit and ruler for a camera and tripod. Now a passionate science communicator, Steve has explored the audio and visual mediums of science communication, and has even produced a live chemistry musical. Steve is sharing his skills as a Teaching Fellow at the Centre for Science Communication, University of Otago. He spends his free time playing the ukulele and watching far too much professional wrestling.



Townsend, Ian

MONDAY 14:15, AUDITORIUM, #M9

Ian Townsend is a journalist with the ABC and produces radio documentaries for Radio National's Background Briefing program. He's the winner of four Australian Museum Eureka Prizes for science and medical journalism, as well as an Australian Human Rights Award for journalism. His first novel, *Affection*, describes the 1900 bubonic plague outbreak in Queensland. His second novel *The Devil's Eye*, based on cyclone Mahina that struck Cape York in 1899, was long-listed for the Miles Franklin Award. Ian is also a post graduate research student in history at the University of Queensland. He lives in Brisbane with his wife and their three daughters.



Torok, Dr Simon

WEDNESDAY 10:45, AUDITORIUM, #W7

Dr Simon Torok works for CSIRO in communication at the Marine and Atmospheric Research division in Aspendale. This involves managing a team of communicators to raise awareness of the climate change research and other marine and atmospheric work of around 800 staff and others in the Division, and coordinating communication across the climate science, adaptation, and mitigation areas of CSIRO. Simon has a Graduate Diploma in Science Communication from the Australian National University, and completed a PhD in climate change science at the University of Melbourne's School of Earth Sciences, examining Australia's historical temperature record.

In Australia he has worked as editor of CSIRO's magazines, *The Helix* for 10-14 year-olds and *Scientriffic* for 7-10 year-olds, and performed with the Questacon Science Circus doing science shows for young people around Australia, and in England he has worked as a climate change communicator at the Tyndall Centre for Climate Change Research. Simon has had numerous appearances on television and radio, and has published many newspaper, magazine and scientific journal articles. He has co-authored with Paul Holper 13 popular books on science and climate change, published by ABC Books, CSIRO Publishing, and Pan Macmillan, several of which have been translated into Spanish, Portuguese, Chinese, Korean and Hungarian.



Van Der Ploeg, Yvonne

Victorian Bioscience Education Centre

MONDAY 11:15, ROOM B2, #M5

Yvonne is the Director of BioLAB: The Victorian BioScience Education Centre BioLAB is a Victorian educational resource and aims to engage and inspire the next generation in science using innovative technologies and techniques. BioLAB's theme is human performance with programs showcasing science, technology, engineering and mathematics (STEM) career pathways, such as sport sciences, biotechnology, materials technology and biomechanics. Throughout her career Yvonne has built a solid foundation in education management and program development for schools, universities, government, private industry and the community. Many of her experiences focus on building programs which aim to increase awareness and engagement in scientific career pathways, cutting edge research and technologies.



Walker, Dr Graham

Australian National Centre for Public Awareness of Science, ANU

MONDAY 11:15, ROOM B2, #M5

TUESDAY 11:00, ROOM B1, #T9

TUESDAY 19:00, BOULEVARD ROOM #T27

Dr Graham Walker's passion is informal science learning, in particular science shows a combination of exciting demonstrations, dramatic delivery and much fun. He gained his PhD in the area from the ANU, focusing on the motivational aspects of shows and their potential as tools for social change from inspiring science careers in youth to dealing with climate change and HIV AIDS. His research interests centre on the application of psychology and



SPEAKER INDEX AND BIOGRAPHIES



formal education research to science shows and vice-versa, especially motivation, emotions, curiosity, relevance/value, interactivity, enthusiasm and immediacy. Graham regularly conducts shows, training and teacher workshops around the world.

Walker, Kylie

TUESDAY 13:15, AUDITORIUM, #T13

TUESDAY 17:00, AUDITORIUM, #T24

WEDNESDAY 13:45, ROOM B2, #W16

Kylie Walker is a communications professional with more than 18 years' experience in strategy, media and advocacy. After leaving the federal Press Gallery in 2005, Kylie turned to communications, public affairs and advocacy with prominent national science and medical NGOs. Now as Director of Communications and Outreach at the Australian Academy of Science, Kylie is also Chair of the National Science Week ACT Coordinating Committee and the Academy's representative on the Inspiring Australia's Science Sector Group. Kylie is currently leading the communications campaign around immunisation for the Science Sector Group as well as the Academy App.



with scientists and communicators to promote climate literacy and ensure the conversation doesn't wander too far off into la-la land.

Hailing from Western Australia, Corey studied biology at Murdoch University and later convinced the University of Melbourne to award him a Master's in policy and the environmental history of wine. He has worked in environmental science and policy development, and spent eight years at the Australian Conservation Foundation, trying to figure out what sustainable agriculture means and then campaigning for it. He has spent a lot of time talking science in town halls, pubs, paddocks, boardrooms, and in the media. He lives in Melbourne, with two cats, a dog, and a long-suffering bay laurel tree.

Waugh, Pia

MONDAY 11:15, AUDITORIUM, #M3

Pia Waugh is an open government and open data ninja, working within the machine to enable greater transparency, democratic engagement, citizen-centric design and real, pragmatic actual innovation in the public sector and beyond. She believes that tech culture has a huge role to play in achieving better policy planning, outcomes, public engagement and a better public service all round. She is also trying to do her part in establishing greater public benefit from publicly funded data, software and research. Pia is currently working as a Director of Coordination and Gov 2.0 for the Australian Government CTO looking at whole of government technology, services and procurement. This is in the Department of Finance & Deregulation, itself a central agency focused on whole of government operations. Prior to that she worked in the ACT Government as an Open Government Policy Advisor and on the dataACT open data platform, the first of its kind in Australia.



Ward, Wesley

Institute for Land, Water and Society, Charles Sturt University

WEDNESDAY 14:45, ROOM B1, #W18

Wes Ward worked for over six years in the Pacific Islands and later in South East Asia on communication for agricultural and natural resource management projects in developing countries. Now as a part-time PhD student and communication researcher, he is investigating how agricultural scientists can better communicate and work together to improve outcomes from rural development projects, particularly through more appropriate use of technologically mediated communication. A former agriculture teacher, Wes is now a media officer with Charles Sturt University, based in Albury-Wodonga, as well as completing a PhD with CSU's Faculty of Science.



Watts, Corey

WEDNESDAY 10:45, AUDITORIUM, #W7

Corey manages science and miscellaneous policy projects at the Climate Institute (TCI). Established in 2005, unencumbered by vested interests, TCI works to inform the policy debate with evidence-based analysis, solutions, and a better understanding of the risks. Corey works



Wheeler, Pete

MONDAY 18:00, FOYER, #M16

After graduating from Leeds University in 2001 with a Bachelor of Science in Physics, Pete worked in London as a Test Engineer for a company called Electron Tubes. In late 2002 he migrated to Western Australia and began working for Scitech, Perth's Science Discovery Centre, as an Outreach Presenter.

After a series of roles involving the development of educational resources for WA teachers, managing Perth's first Planetarium and coordinating state-wide education and outreach initiatives, Pete now defines himself as a professional Science Communicator. Currently Pete is the Outreach and Education



SPEAKER INDEX AND BIOGRAPHIES



Manager for the International Centre for Radio Astronomy Research (ICRAR), a joint venture of Curtin University and The University of Western Australia.

Wiles, Dr Siouxsie

Department of Molecular Medicine and Pathology, University of Auckland, Auckland

MONDAY 18:15, FOYER, #M16

TUESDAY 9:45, ROOM B1, #T5

Dr Siouxsie Wiles describes herself as a microbiologist and bioluminescence enthusiast but to others she is "the owner of the pinkest head of hair you'll ever see". Siouxsie heads the Bioluminescent Superbugs Lab at the University of Auckland where she combines her twin passions to understand and combat infectious diseases. In a nutshell, Siouxsie and her team make nasty bacteria glow in the dark. Keen for the world to share her enthusiasms, Siouxsie is a blogger and podcaster and collaborates with the graphic artist Luke Harris and his team to make short animations about the amazing creatures that glow in nature and the myriad uses of bioluminescence in science. In 2013 Siouxsie was awarded the Prime Minister's Science Media Communication Prize and the Royal Society of New Zealand's Callaghan Medal for science communication.



from the University of Sydney and Macquarie and Deakin Universities. The ANU awarded him a doctorate of law, and he is a visiting professor at the University of NSW and an adjunct professor at the University of Queensland.

A Reuters fellowship at Oxford University allowed him time to write his autobiography, *And Now for Something Completely Different*. He was a visiting fellow at Balliol College Oxford in 1995-96.

Robyn has written more than 10 books, the latest being a novel, *2007: a true story waiting to happen*.

Willis, Dr Paul

MONDAY 15:45, AUDITORIUM, #M13

Dr Paul Willis is a former ABC TV science presenter on shows including *Quantum* and *Catalyst*. Paul is passionate about informing, educating and amusing people about science and was the joint recipient of the Eureka Prize for Science Communication in 2000. He has a solid research career in vertebrate palaeontology and has produced many academic papers, authored or co-authored seven books on dinosaurs, rocks and fossils, and written many popular science articles. Paul was resident palaeontologist on seven Antarctic expeditions and brings this enthusiasm and keen sense of adventure to his role as Director of RiAus.



Williams, Robyn

TUESDAY 19:00, BOULEVARD ROOM #T27

Science journalist and broadcaster Robyn Williams presents Radio National's *The Science Show* and *Ockham's Razor*.

Although he graduated with a Bachelor of Science (Honours) in England, Robyn admits to spending as much time acting as studying. Early in his career he made guest appearances in *The Goodies*, *Monty Python's Flying Circus* and *Doctor Who*, and stood in for Tom Jones for four months in his TV series.

He has conducted countless interviews with scientists on ABC TV on programs such as *Quantum* and *Catalyst*, narrated the *Nature of Australia* series and appeared in *World Safari* with David Attenborough.

Outside the ABC, Robyn has served in various capacities, including president of the Australian Museum Trust, chairman of the Commission for the Future, and president of the Australian Science Communicators. In 1987, he was proclaimed a National Living Treasure.

In 1993, Robyn was the first journalist elected as a Fellow Member of the Australian Academy of Science. He was appointed AM in the 1988 Australian Bicentenary honours list and in the same year received honorary doctorates in science



Wong, Dr David

MONDAY 18:15, FOYER, #M16

David Wong is an ecologist and freelance photographer and writer. He has worked on a number of initiatives that aim to connect people with the environment through photography including *Seeing Grasslands*, *PhotoEcology*, *Meet Your Neighbours* and *Backyard Naturalists*.



Yardley, Christopher

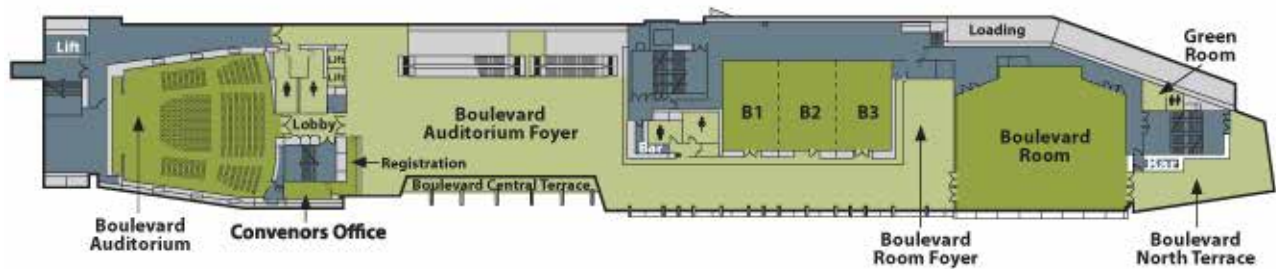
The Australian National Centre for the Public Awareness of Science

TUESDAY 14:15, ROOM B2, #T19

Chris Yardley had a career in the computer business of over 40 years during which he lived in five countries and worked in over thirty. He maintains that selling main-frame computers was real science communication especially when the lead-time to deliver the hardware was two years...and the software was not application specific. His PhD thesis undertaken at the Australian National University, (CPAS), has focused upon the representation of science and scientists on postage stamps.

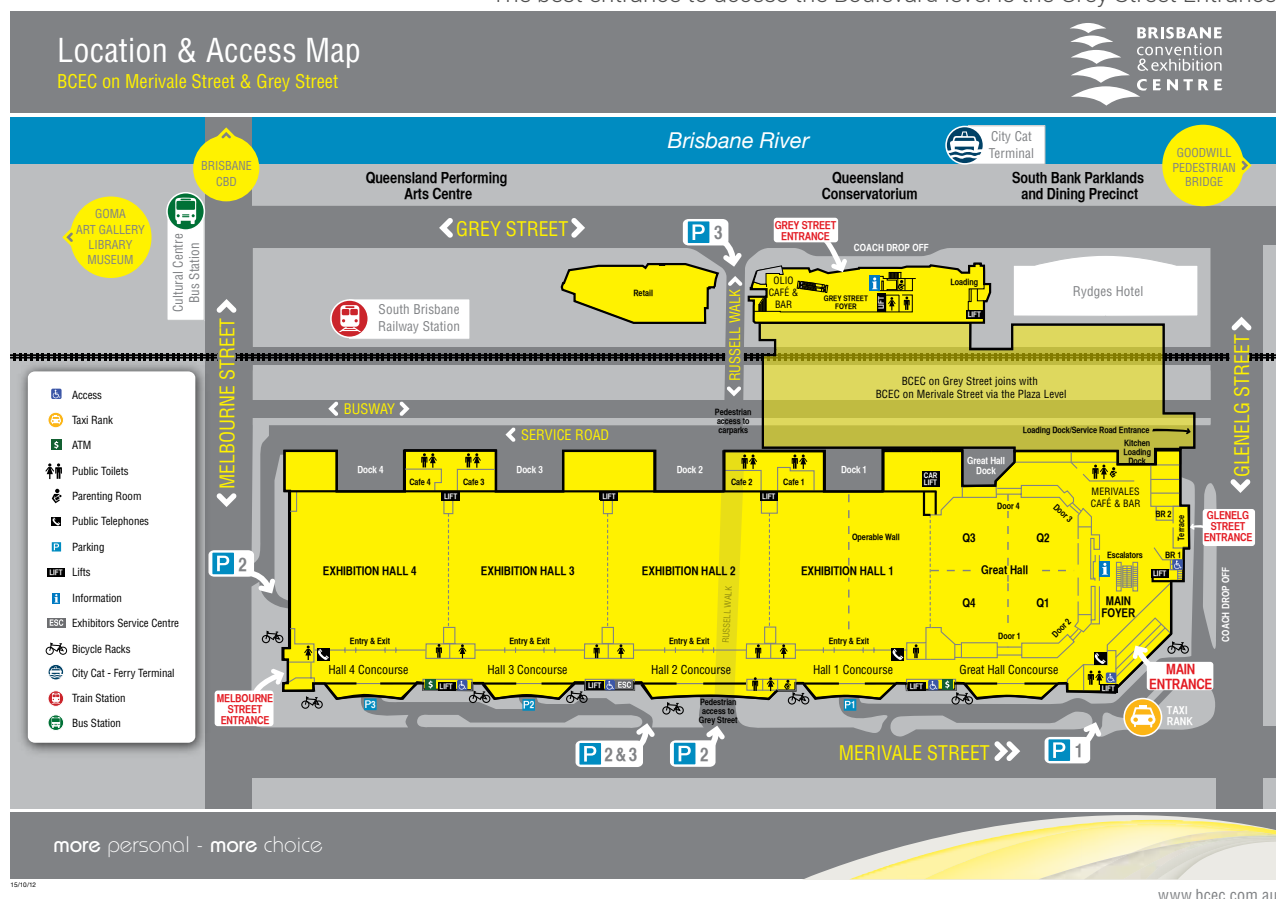


BOULEVARD FLOOR MAP



VENUE MAP

The best entrance to access the Boulevard level is the Grey Street Entrance



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