

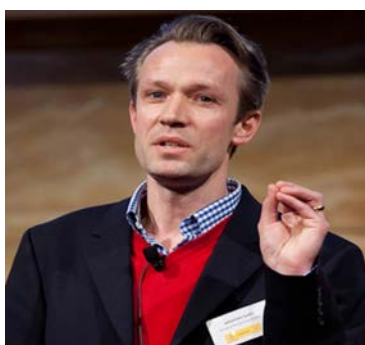
2013 3MT Judges

Graduate Research School

2013 3MT Competition - MC and Judges

MC Johannes Luetz

Johannes' trans-global upbringing in Sierra Leone (West Africa) and Switzerland was the just the start of a life spent travelling the world as a researcher, educator, consultant and public speaker. He has lived in 12 nations on six continents. The child of development workers, Luetz's inherited passion for poverty reduction, social justice and environmental sustainability has found him carrying out disaster mitigation and emergency relief work in Asia Pacific, Africa and Latin America. After tertiary study in Germany and the US, Johannes is completing his PhD on climate migration here at UNSW. Johannes is a tutor and lecturer and has published and presented internationally on social development, disaster mitigation, poverty reduction and climate justice. He won the UNSW 3MT's ASPIRE Award in 2012 and has been a guest on ABC Radio's 'Science Show'.



Related links

- [3MT Competition](#)

Judge - Dr Jenny Liu

Dr Jenny Liu is well acquainted with 3MT, coming first in the 2011 UNSW Inter-Faculty Final and representing UNSW at the Trans-Tasman 3 Minute Thesis competition the same year with her presentation titled *Folate, getting the balance right for bowel cancer prevention*.

Jenny's research findings were also presented at the *American Association of Cancer Research Annual Scientific Meeting* in Orlando, April 2011 and Chicago, April 2012. In addition, she won the oral presentation prize at the *'International Conference on the Science of Nutrition in Medicine and Healthcare'* (May 2011) and she was invited to give a plenary address about her research findings to over 300 clinicians, nutritionists and academics attending the conference. Furthermore, Jenny won the NHMRC Oral Presentation Prize at the *Australian Medical Student Association's Convention* (July 2011) and the Senior Division of the TOW Research Awards, 2011.



Jenny completed her PhD at UNSW in 2012 with a thesis titled *Relationship between folate and aberrant DNA methylation in colorectal cancer* and is now completing her Bachelor of Medicine/Bachelor of Surgery (MBBS) at UNSW. She will bring a unique perspective to the judging panel.

Sarah MacDonald

Sarah MacDonald is a writer and radio broadcaster. Sarah writes for Fairfax's Spectrum and Daily Life and works casually at 702 ABC Sydney. She has presented shows on Triple J, 702 and Radio National as well as Recovery, Race Around the World and Two Shot on ABC TV. Her best selling memoir 'Holy Cow' has been published in several countries and translated into four languages and she edited the travel collections 'Take Me With You' and 'Come Away with Me'.

**Judge - Simon Pampena**

Simon Pampena used to be a highly paid statistical analyst for Fosters until he reached the final of Raw Comedy with a routine combining mathematics and stand-up. That was 10 years ago, and nowadays Simon is a leading maths communicator performing maths-comedy full-time to thousands of children and adults each year. His shows Super Mega Maths Battle for Planet Earth, (in which Earth is under attack from the planet Calculus) The Maths Olympics, and The Fame Algorithm have been included in the Melbourne Comedy Festival, Adelaide Fringe and Darwin Arts Festival. "I use maths to drive my comedy, but who's to say that the opposite won't happen?" Simon mused, "In the future one of my jokes may become the basis of a new mathematical theorem. That would be awesome!"

Simon uses music, dance and comedy to transform prime numbers, theorems and calculus into routines of wonder and delight for his audiences. Simon, who is also the government-appointed Australian Numeracy Ambassador, regularly appears on shows such as ABC1's Catalyst and Channel 10's The Project. He was invited to perform at the Edinburgh International Science Festival in 2012 and 2013 and has appeared in two seasons of Discovery International's 'You Have Been Warned' science program.

**Judge - Andrew Wells**

Andrew Wells is the University Librarian at The University of New South Wales. He was appointed to this position in September 2001. Since then, Andrew has overseen major changes to the University Library's services, organisation and buildings. He has taken a strong interest in improving facilities and steering the Library through a period of rapid changes in scholarly information. Andrew has contributed services to many university activities, including a four year period as a Board member on the UNSW Union and Arc between 2004 and 2008.

Andrew has held senior positions in several major Australian libraries. Prior to joining UNSW, Andrew was the Assistant Director General, Resource Sharing Division at the National Library of Australia (1996-2001). At the State Library of New South Wales, he occupied senior positions in a variety of roles, building on major periods of service at the University of Queensland Library, Macquarie University Library and a previous stint at UNSW Library from 1982 to 1986.



Andrew has been active in the library profession through his involvement in a wide range of committees, professional bodies and activities. He was the President of the Council of Australian University Librarians from 2007 to 2009 and is Chairperson of CEIRC (CAUL Electronic Information Resources Committee) for 2006 and 2007. He resumed this position again in 2010. He was a mentor for the Aurora Leadership Institute for four consecutive years from 2003 to 2006. Andrew is a member of the boards of Intersect and CAVAL.

In 2011, Andrew was awarded the Fellowship of the Australian Library and Information Association.

Judge - Gary Zamel

Gary Zamel graduated from UNSW in Mining Engineering in 1975. He established the private equity investment company Latitude Investments Pty Ltd in 1985 which develops and invests in start-up technology businesses to take early stage research through commercialisation to access global technology markets.

From 1986-1988 Gary consulted to USX and BHP Engineers on the establishment of seam gas enterprises. This group was the first to drill and frac Queensland coal measures and led to the growth of Australia's multibillion dollar coal seam methane industry.

Following the 1986 Moura Disaster in Queensland, Gary established an R&D project with government funding to develop the Personal Emergency Device now used by all Australian coal miners as a daily operational and safety system. This led to the establishment of Mine Site Technologies Pty Ltd, now the global leader in underground and surface mine communications.

In 1989 Gary helped establish Jellinbah Resources Pty Ltd in Central Queensland - the first open-cut coal mine to exploit low volatile semi-anthracite PCI coal for use in the blast-furnace steel making process. Today, over 6 mines export over 20 million tonnes of PCI Coal to the global steel industry.

Gary established the Centre for Innovation and Entrepreneurship at UNSW to help the next generation of entrepreneurial engineers/scientists with commercialization skills.

Institute of Engineers 2009 Entrepreneur of the Year. Austrade Exporter of the Year Award for Mine Site Technologies 2011.

Fellow of the Australian Academy of Science and Technology.

Member of Advisory Council for the Federal Minister of Innovation, Science and Technology, 2009-2012.



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