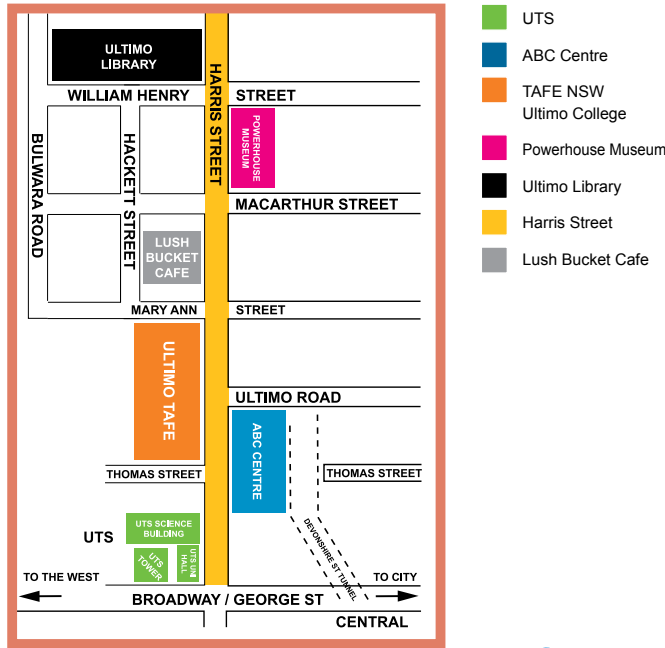


ultimo science festival

SYDNEY CENTRAL
RAILWAY STATION
5 mins walk from

festival map



CONTACTS

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www.ultimo-science-festival.com

festivalinfo

The Ultimo Science Festival in Sydney, NSW, is two weeks of serious science fun for families, school groups, for young, and old and in-between, for geeks and non-geeks. There's something for anyone who wants to expand their mind, think about the world and wonder about how stuff works and why it is so.

The Ultimo Science Festival is proudly presented by the Powerhouse Museum, the Australian Broadcasting Corporation, The University of Technology Sydney and TAFE NSW. It is supported by the Australian Government and the City of Sydney. The Festival will showcase the considerable scientific credentials of the four partner organisations, bringing together scientific research, technology, design, education, communication and entertainment.

Most events are free and held along Harris St, Ultimo from Monday 16 August to Sunday 29 August, 2010. The festival events are an easy stroll from Central train station, buses and the light rail.

dailyevents

16 - 29 August 2010

Powerhouse Museum

500 Harris Street, Ultimo, 10am - 4pm
These events FREE with entry to Powerhouse Museum: Adults \$10, child \$5, Family \$25

Experimentations SCIENCE SHOWS

Science shows for kids that make everyday things seem extraordinary. Find the answers to questions like: Can a banana be used as a hammer? For 5 years and up. *Weekdays at 11am, Weekends at 11am and 1pm*

Space and Transport EXHIBITIONS

What's it like to live in space? Experience weightlessness in the Zero Gravity Space Lab.

Cyberworlds: computers and connections EXHIBITION

Technologies have changed dramatically this century. How have people's values, beliefs, hopes and fears changed in relation to technology?

Nuclear matters EXHIBITION

Nine imaginative and daring interactive displays where you can have amazing fun while learning all about nuclear science.

Installation: Face Two Face

3D scan your face! Come along to have your face scanned, then see a robot carve your likeness into polystyrene where it becomes part of a wall of facial images in the Museum! It's all in the 3D Scanning and rapid prototyping.

only on
20-29
August

SCINEMA in the Powerhouse

Scinema is a Festival of Science Film brilliantly curated by CSIRO's Cris Kennedy that brings the arts, science and film together.

The Muse Events

Ultimo TAFE Building C, Harris Street, Ultimo, 10am - 4pm

FREE
no booking
required

SCINEMA in the MUSE

Scinema is a Festival of Science Film brilliantly curated by CSIRO's Cris Kennedy that brings the arts, science and film together.

Our Solar System and beyond the Milky Way

A collection of the finest astrophotography from around the world, showing our solar system and galaxies beyond the Milky Way.

Kingdom of the Blind EXHIBITION

A collaboration between an embroidery artist and neuroscientist based on images of the birth and death of brain cells.

ABC Atrium

700 Harris Street, Ultimo, 9am - 5pm weekdays and Saturday 28th

FREE
no booking
required

SCINEMA in the ABC

Scinema is a Festival of Science Film brilliantly curated by CSIRO's Cris Kennedy that brings the arts, science and film together.

UTS City Campus

UTS Tower Building, Level 4 Foyer
Open 8am - 8pm weekdays and Saturday 28th

FREE
no booking
required

Inquiring Minds. Inspiring Solutions. EXHIBITION

A snapshot of UTS research in the fields of diabetes, groundwater management, ecosystem protection and bacterial antibiotic resistance.

16 - 29 August 2010

festival program

www.ultimo-science-festival.com

This festival is supported by the City of Sydney and the Australian Government as part of National Science Week.

special events

Wednesday 18 August

Time	Event	Venue
6pm – 7.30pm	The Science of Cocktails A night of molecular mixology! An exclusive event hosted by Manuel Terron (from Mixing with the Best, Lifestyle Channel) looking at the science behind mixing cocktails. You will mix and taste a range of cocktails – all in the name of science! Available to 18+ only. <i>UTS City Campus, The Loft Bar</i> Tickets: \$35. Booking essential. Tickets can be purchased from the Union Desk, Level 3 UTS Tower Building, or call: (02) 9514 1149	
6pm	The Naked Scientist talk Enjoy drinks, canapes and the engaging musings of Dr Chris Smith, host of the award winning BBC weekly radio program, The Naked Scientist. <i>The Muse, Ultimo Tafe Building C, Harris St</i> Tickets: \$15. Booking essential call (02) 9217 4133	

Thursday 19 August

Time	Event	Venue
2pm – 3pm	Curator Tours: Science Underground Take an exclusive peek behind the scenes at the Museum's Science and Technology collection in storage. Explore the treasure trove of scientific and technological instruments, objects and curios in the Museum's collection. <i>Powerhouse Museum, 500 Harris St</i> Tickets: \$30. Booking essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	
6pm – 7.30pm	Great Big Science Gig Science-rock-cabaret with great music and great science demonstrations with the cute and charismatic Chris KP, the elegant and enigmatic Darren V and rock-star guitarist Marty. Available to 18+ only. <i>UTS City Campus, Glasshouse Bar (Level 3 Tower Building)</i> FREE no booking required	
6pm welcome drinks. 6.30pm–7.45pm	Green Lighting Revolution! The future of lighting technology is more sustainable, responsible and economical. <i>UTS tower building</i> FREE but booking essential www.science.uts.edu.au	

Friday 20 August

Time	Event	Venue
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	
Doors open 5:15pm. Talks from 6pm – 10pm	Ultimo Big Night of Science A big night out for those who love all things science. Talks, comedy and much more including: The Hon Barry Jones, 'The Stupid Species' with ABC's Daniel Keogh (Hungry Beast, Radio National's Science Show) and Kerrie Dougherty (Powerhouse's Curator of Space Technology). All with the bar open and live music grooving...when too much science is never enough. <i>Powerhouse Museum, 500 Harris St</i> Tickets: \$10. Booking essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	

Saturday 21 August

Time	Event	Venue
10am – 4pm	Science Exposed Bring your family to the Powerhouse Museum for a fun day of science. Young scientists will conduct practical one hour workshops throughout the day. Perfect for aspiring scientists aged 11–15 years. <i>Powerhouse Museum, 500 Harris St</i> Tickets: FREE for participants. Booking essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	
1pm, 7pm	True Logic of the Future A science fiction thriller exploring the choices we make when we run out of choices featuring narrative theatre, interactive sequences and a live soundtrack of trombone-electronica. <i>Powerhouse Museum, 500 Harris St</i> Tickets: \$20. Bookings essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	

Sunday 22 August

Time	Event	Venue
2pm – 4pm	Forum: The Future of Fertility How late is too late to have a baby? Are you better off doing it sooner or later? A discussion with reproductive scientists, assisted-fertility specialists and parents who are going through or coming out of the process. <i>Powerhouse Museum, 500 Harris St.</i> Tickets: \$20. Bookings essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	
11am	True Logic of the Future <i>(see Saturday 21 August)</i>	

Monday 23 August

Time	Event	Venue
4pm – 5pm	Flight, Sound and Fire - with the Jollybops An interactive show that looks at some of the scientific principals behind Aboriginal inventions and environmental understanding. <i>Ultimo Library, Cnr Bulwara Rd and William Henry St</i> FREE but booking essential call (02) 9298 3110 or library@cityofsydney.nsw.gov.au	
Doors open 6pm. Evening starts at 6.30pm	Quantum Physics: Einstein's unruly child Sydney University science communicator Dr Phil Dooley will demonstrate some of the strange quantum effects with real experiments and introduce the science that has, despite its apparent strangeness, made some of the most accurate predictions of any theory. Suitable for 14 years and up. <i>Presented by the Powerhouse Museum and the Australian Institute of Physics. Powerhouse Museum, 500 Harris St</i> FREE but bookings essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	

Tuesday 24 August

Time	Event	Venue
10am - 11am	Click Robotics – Database workshop Learn how to use the library's catalogue and find a variety of journals using the e-library service. Great skills to learn! <i>Ultimo Library, Cnr Bulwara Rd and William Henry St</i> FREE but booking essential call (02) 9298 3110 or library@cityofsydney.nsw.gov.au	
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	
1pm, 7pm	True Logic of the Future <i>(see Saturday 21 August)</i>	
5pm – 6pm	Talk Gravity – Science Readers Group Bring along your favourite science 'read'. It can be fiction or fact, book, website or blog, magazine or journal - and share it with the reading circle. <i>Ultimo Library, Cnr Bulwara Rd and William Henry St</i> FREE but booking essential call (02) 9298 3110 or library@cityofsydney.nsw.gov.au	
6pm welcome drinks. 6.30pm – 7.45pm	CSI Misunderstood? Do we really know what happens? See crime scene investigation techniques with NSW Police Force experts in the lab and on site with examples from Australia and the UK. <i>UTS Tower Building</i> FREE but booking essential. Please visit www.science.uts.edu.au	

Wednesday 25 August

Time	Event	Venue
10am – 2.30pm	Smorgasbord Science @ UTS Excursion for Year 10-12 students with a chance to solve crime, generate energy efficiently and learn about our unseen bedfellows, microorganisms. <i>UTS City Campus</i> FREE but booking essential. Visit www.science.uts.edu.au	
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	
1pm	True Logic of the Future <i>(see Saturday 21 August)</i>	
4.30pm – 7.00pm	Astronomy in HSC Physics Join Jeff Stanger, local science teacher and author for an astronomy talk followed by guided star gazing. <i>Ultimo Library, Cnr Bulwara Rd and William Henry St</i> FREE but booking essential call (02) 9298 3110 or library@cityofsydney.nsw.gov.au	

	UTS		ABC Centre
	TAFE NSW Ultimo College		Powerhouse
	Ultimo Library		Harris St
	Lush Bucket Cafe		

special events

Thursday 26 August

Time	Event	Venue
10am - 10.30am	Rhymetime Science It's never too early to introduce the concept of science to your children. Sing science nursery rhymes with your little ones. Suitable for babies and toddlers 6 months - 2 years old. <i>Ultimo Library, Cnr Bulwara Rd and William Henry St</i> FREE no booking required	■
11am – 11.45am	Science Storytime A wonderful storytime session to introduce children to science. Children's craft is included. For 3 - 5 year olds. <i>Ultimo Library, Cnr Bulwara Rd and William Henry Street St</i> FREE no booking required	■
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	■
4pm – 5pm	Liquid Nitro and Sound Effects with Questacon Explosions and noise in the library! Join the Questacon team as they experiment with liquid nitrogen, everyday objects and sound effects. For 5 - 12 year olds. <i>Ultimo Library, Cnr Bulwara Rd and William Henry St</i> FREE but booking essential call (02) 9298 3110 or library@cityofsydney.nsw.gov.au	■
1pm, 7pm	True Logic of the Future <i>(see Saturday 21 August)</i>	■
6pm welcome drinks 6.30pm – 7.45pm	The Science of Happiness Can happiness be measured? Are men happier than women? Dr Terry Flynn from the UTS Centre for Study of Choice explains what research has shown us about quality of life. <i>UTS Tower Building</i> FREE but booking essential. RSVP to events@uts.edu.au	■

Friday 27 August

Time	Event	Venue
11am – 3pm	Lifestyle Expo Visit the UTS Lifestyle Expo to explore the science of your body! Free health assessments, healthy food samples, membership offers and special discounts on retail clothing and accessories. Plus many free group exercise classes. <i>UTS Science Building, Harris St Level</i> FREE no bookings required	■
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	■

Saturday 28 August

Time	Event	Venue
9am – 3pm	Lifestyle Expo <i>(see Friday 27 August)</i>	■
9am – 4pm	UTS Open Day What would it be like to be a science or maths student at UTS? Have a friendly chat with students and academics, wander around the campus, take a tour of the facilities and find out why they enjoy science at UTS so much. <i>UTS City Campus</i>	■

Saturday 28 August *continued*

Time	Event	Venue
9am – 4pm Plus tours running each hour.	Nursing simulation and Robo-patient exhibition Contemporary nursing and midwifery is strongly based in science. Come along to UTS: Nursing, Midwifery and Health labs to see the amazing "robo-patients". Feel their chests rise and fall as they breathe, hear their hearts beat, see them sweat, bleed, talk and respond to care. <i>UTS City Campus</i> FREE no booking required	■
10am – 11am	Big opportunities for engineers in policy development Find out why engineers are essential for developing policy. <i>UTS City Campus, Building 10, Lvl 2, Rm 460</i> FREE no booking required	■
10am, 11am, 12pm, 1pm, 2pm, 3pm	Nanotechnology and electron microscope tour Witness how scientists modify the structure of things on the teeny tiny nano-scale to create new innovative devices. <i>UTS City Campus, Science Info Desk, Building 1, Level 3.</i> FREE but numbers are limited. Pick up a ticket from the Faculty of Science booth to secure your place.	■
10am, 11am, 12pm, 1pm, 2pm, 3pm	Biological Sciences Tour Visit a real Science Lab and find out what pathologists and scientists look for when making a diagnosis. <i>UTS City Campus, Science Info Desk, Building 1, Level 3.</i> FREE but numbers are limited. Pick up a ticket from the Faculty of Science booth to secure your place.	■
10am, 11am, 12pm, 1pm, 2pm	Acupuncture and Chinese medicine clinical tour Find out how different treatments work and how traditional Chinese medicine is being practised today in a contemporary outpatient clinic. <i>UTS City Campus, Science Info Desk, Building 1, Level 3.</i> FREE but numbers are limited. Pick up a ticket from the Faculty of Science booth to secure your place.	■
10.30am, 11.30am, 12.30pm, 1.30pm, 2.30pm, 3.30pm	Forensics Laboratory Tour Get a sneak peek into the world of forensic science in this tour of the state-of-the-art UTS laboratories. <i>UTS City Campus, Science Info Desk, Building 1, Level 3.</i> FREE but numbers are limited. Pick up a ticket from the Faculty of Science booth to secure your place.	■
10am – 11am	The Science of Coffee A great way to start your Saturday - sample delicious coffee and learn about the science behind making great coffee at home. <i>Lush Bucket Cafe, 623 Harris St, Ultimo</i> \$10 per person includes coffee tasting and snacks. Bookings essential as places are limited: 0412 562 339	■
10am – 4pm	Powerhouse Science Experience A weekend of fun experiments for young scientists aged 11-15yrs. All equipment supplied. For more information call (02) 9217 0111 <i>Powerhouse Museum, 500 Harris St</i> Tickets: \$80 for two days. Bookings essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	■

Saturday 28 August *continued*

Time	Event	Venue
9.30am, 12.30pm, 5pm	Ruben Meerman, the Surfing Scientist show & book launch ABC's Surfing Scientist, Ruben Meerman from Catalyst and Rollercoaster, demonstrates mind-boggling science tricks from his new book. Meet Ruben at a book signing after each show! <i>Eugene Goossens Hall, ABC Centre, 700 Harris St</i> FREE but bookings essential (02) 9217 0122 or ultimosciencefestival@gmail.com	■
11am, 2pm	Maths Comedy – Planet of the Primes! Join maths comedian Simon Pampena on the Planet of the Primes - the fantastical adventures of a space hero who uses comedy to explore the Universe of Maths. Suitable for ages 7 and up. <i>Eugene Goossens Hall, ABC Centre, 700 Harris St</i> FREE but bookings essential (02) 9217 0122 or ultimosciencefestival@gmail.com	■
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	■
3.30pm	Dinosaurs Aren't Dead – Dr Karl's children's show and book launch Join Dr Karl Kruszelnicki to find out why dinosaurs aren't dead and a whole lot of other amazing fun science stuff for 7 to 15 year olds. <i>Eugene Goossens Hall, ABC Centre, 700 Harris St</i> Adults must be accompanied by a child under 16. FREE but bookings essential (02) 9217 0122 or ultimosciencefestival@gmail.com	■
1pm, 7pm	True Logic of the Future <i>(see Saturday 21 August)</i>	■

Sunday 29 August

Time	Event	Venue
10am – 4pm	Powerhouse Science Experience <i>(see Saturday 28 August)</i>	■
2pm – 3pm	Curator Tours: Science Underground <i>(see Thursday 19 August)</i>	■
2pm – 4pm	Forum: The Science of Successful Children The noughties have become the era of a new baby boom. As economic and social pressures increase, families and new parents are stretching to ensure the best for their children. So can science help make a successful child? <i>Powerhouse Museum, 500 Harris St</i> Tickets: \$20 – bookings essential call (02) 9217 0222 or www.powerhousemuseum.com/bookings/usf	■

about nationalscienceweek

For over ten years, National Science Week has been celebrating the contribution of Australian science to the world, encouraging interest in scientific pursuits and inspiring people to become fascinated by the world we live in. National Science Week is supported by the Australian Government with partners CSIRO, ABC and ASTA (Australian Science Teachers Association). It continues to expand each year and now attracts a wide audience with more than 800 events across Australia. Check out what else is happening in National Science Week on the website: www.scienceweek.gov.au