

**SCIENCE
PEOPLE
HEART**

World
Science
Festival
Brisbane

2022 MEDIA KIT

FEATURING

World Science Festival Brisbane

Queensland Museum Network holds the exclusive licence to host World Science Festival in the Asia Pacific until 2024.

The only global extension of this hugely popular initiative, World Science Festival Brisbane reinforces Queensland Museum's position as a leader in Science, Technology, Engineering and Mathematics (STEM) education and engagement.

Brisbane's will come alive for five days from 9–13 March 2022 as World Science Festival Brisbane brings together some of the greatest thought leaders, showcasing local scientists and performers from around the globe.

World Science Festival Brisbane 9–13 March 2022

Regional Program

World Science Festival Queensland Townsville

13–14 May 2022

June–July School holiday program

World Science Festival Queensland Gladstone

17–18 June 2022

World Science Festival Queensland Chinchilla

29–30 July 2022

World Science Festival Queensland Ipswich

9–10 September 2022

September School holiday program

World Science Festival Queensland Toowoomba

9–10 October 2022

April School holiday program

World Science Festival New York

World Science Festival was founded in New York in 2008 by celebrated physicist and science author Professor Brian Greene and award-winning broadcast journalist, Tracy Day.

The Festival gathers great minds in science and the arts to produce live and digital content that allows a broad general audience to engage with scientific discoveries.

Through discussions, debates, theatrical works, interactive explorations, musical performances, intimate salons, and major outdoor experiences, the Festival takes science out of the laboratory and into the streets, parks, museums, galleries and premier performing arts venues of New York City and beyond.

The annual live, week-long festivals, which launched in New York in 2008, have collectively drawn over 3.2 million visitors worldwide, with millions more viewing the programs online.

In 2016 Queensland Museum Network established World Science Festival Brisbane, the only international extension of the New York event.

In its seventh iteration, World Science Festival Brisbane 2022 continues the traditions of this internationally renowned festival while curating an innovative program particular to the social, cultural and scientific environs of Brisbane.



Media Release 2022

Future of science at the heart of World Science Festival Brisbane 2022

World Science Festival Brisbane is set to stimulate curious minds in 2022 when science and art join forces to explore possibilities for the future.

Brisbane transforms into a city of science with interactive art and science installations, engaging conversations with leading scientists and experts and a curated program of free and ticketed events across the five-day Festival from 9 to 13 March 2022.

With its dynamic mix of scientific surprises and fun discoveries, World Science Festival Brisbane's 2022 theme is **'Science, People, Heart'**, investigating how science, creativity and art are shaping a brighter world and humanity's willingness to embrace it.

Visitors will be inspired by real science, for real people and have the chance to ask real questions on health, the great space race, palaeontology, marine archaeology, ethics and much more.

2022 also marks the return of crowd favourites ***The Hatchery: Turtle Conservation Experience*** at Queensland Museum, ***City of Science*** free family science fun and a ***digital program*** allowing audiences from around the world to join in and listen to leading experts discuss a range of topics.

Queensland Museum Network CEO Jim Thompson said this year the Festival would traverse an extraordinary scientific and creative journey with new experiences and the return of some much-loved favourites.

"This year, with the addition of Curiosity Brisbane, audiences will have the chance to revel in science that thrills and challenges, explore interactive art installations, take part in dynamic talks and engage in loads of family fun," Dr Thompson said.

"Arts and science are similar in that they are expressions of what it is to be human in this world. Both are driven by curiosity, discovery and the aspiration for knowledge of the world or oneself.

"Now, more than ever, it's important that visitors have the opportunity to explore subjects and stories that also influence people's understanding and opinion on a range of topics, from science and history facts to social debates and discussions."

Minister for the Arts Leeanne Enoch said the collaboration between arts and science weaves a story that has been told for thousands of generations and is the key to engaging our future.

"The 2022 World Science Festival Brisbane will feature thought-provoking fun and scientific surprises to inspire the hearts and minds of Queenslanders of all ages," Minister Enoch said.

"Following the March event in Brisbane, Queensland communities in Townsville, Gladstone, Chinchilla, Ipswich and Toowoomba will experience the wonder of the World Science Festival.

"Since it started in 2016 the World Science Festival Queensland has attracted more than 800,000 visitors across the state and injected more than \$36 million into the state's economy.

"The Queensland Government is investing \$9 million over the next three festivals to ensure Queensland continues can engage with the wonders of science, grow economic outcomes and deliver community benefits."

The World Science Festival, co-founded by physicist **Brian Greene** and award-winning broadcast journalist **Tracy Day**, has enthralled audiences around the world since 2008.

Professor Greene emphasized the vital importance of the Festival in elevating public engagement with science.

“One of our motivations behind the World Science Festival was to help shift the cultural attitude toward science, exploration and discovery,” Prof Greene said.

“The World Science Festival Brisbane brings science out of the lab and into public spaces of the city, heightening awareness of how science is all around us, informing and inspiring audiences of all ages, and celebrating the power of science to drive innovation and spark curiosity.”

New for 2022, World Science Festival Brisbane also encompasses **Curiosity Brisbane** from 9 to 20 March when it transforms Brisbane into a world of discovery for 12 days of immersive science, art and technology.

Curious visitors of all ages can explore, create and play with the physical and digital *Curiosity Artworks*, including never-before-seen installations created by artists and makers from across the state and around the globe.

The artworks will be spread across South Bank, South Brisbane’s Cultural Precinct along a 5km walking trail taking visitors on a unique journey of creativity.

Tourism and Innovation Minister Stirling Hinchliffe said the dynamic partnership combination of World Science Festival Brisbane and Curiosity Brisbane would amplify the experiences of visitors to the state.

“This fascinating extension of art and science aims to establish Queensland as a destination for science engagement, attracting visitors nationally and globally,” Minister Hinchliffe said.

“Events like this help drive visitors to Brisbane to explore our regions and spend with local businesses, reinforcing Queensland’s position as a world-class tourism, events and cultural destination.”

Brisbane Lord Mayor Adrian Schrinner said hosting the World Science Festival would cement Brisbane’s reputation as the Asia Pacific hub for science and innovation, while being a catalyst for the city’s economic recovery.

“The World Science Festival will showcase the best Brisbane has to offer, while transforming our city into an interactive place to ‘explore, create and play,’ Cr Schrinner said.

“Brisbane is home to globally acclaimed research institutions and boasts proud achievements in science and technology, making us the perfect destination to host the brightest minds from across Australia and the globe.”

With more than 130 events, this year’s World Science Festival Brisbane will be a showstopper as thousands of people are expected to visit venues across the Cultural Precinct to take part in thought-provoking conversations, interactive installations, musical performances, and outdoor activities.

Opening night of the Festival, Wednesday 9 March, join Professor Greene as he presents ***Einstein and the Quantum: Entanglement and Emergence*** at QPAC.

Streaming live from New York, Professor Brian Greene and some of Australia’s leading researchers will redefine the frontiers of Quantum Mechanics and Relativity. Astrophysicist Tamara Davis and ABC’s Jonathan Webb will be live on stage to ask Brian your questions on the night.

NET ZERO: Investing in the Future on Friday 11 March will feature Australia’s Chief Scientist **Dr Cathy Foley**, journalist and comedian Dan Ilic and businessman **Andrew ‘Twiggy’ Forrest**.

It's said only two things in life are certain—death and taxes—but the Festival would like to add another to that list: humanity's drive to explore the unknown.

The Great Space Race 2.0 experts will discuss the commercialisation of space and what it will take to tame this new, wild frontier.

What on earth is so good about Mars dives into why humans are so fascinated with the red planet, what the Mars rovers are discovering and what the implications are for the human race.

On Saturday 12 March, it's the World Science Festival Brisbane's inaugural nerdy spectacular, **Night of the Nerds**.

Hosted by satirist **Mark Humphries**, joined on stage by Australia's favourite science communicator **Dr Karl Kruszelnicki**, comedians **Dan Ilic** and **Lawrence Leung**, scientist and TV presenter **Angharad Yeo** and a rocking house band led by ARIA-winning musician **Clare Bowditch**, to find out who is the ultimate nerd.

The Nucleus, located at South Bank Piazza will be the chilled out informative heart of the Festival as audiences engage with talks on topics designed to push boundaries and spark conversations.

Queer Science! is about breaking down barriers for young queers pursuing a career in STEM. Audiences can hear first-hand from incredible queers in the scientific community including transgender neuroscientist **Dr Alison Wright**.

Paul Dempsey, lead singer of Aussie rock band Something For Kate, and sexologist Chantelle Otten will take to the stage and talk music and science in **Fantastic Science X Pecha Kucha**.

For those who prefer to consume scientific discovery and discussion from the comfort of home, a smorgasbord of intriguing digital content awaits, tackling the issues of Cybercrime, The Rights of Nature, and Climate Change.

Another first for 2022 are the **Get Green! Sustainability Markets** on Sunday 13 March promoting a collection of local sustainable and eco-conscious small businesses and workshops at South Bank's Flowstate green.

The markets will have everything from lovingly made sustainable products to weaving workshops and educational sessions on recycling and waste minimisation.

The Festival once again hits the road with the World Science Festival Queensland bringing the wonder of science to the Townsville, Gladstone, Chinchilla, Ipswich and Toowoomba regions.

In 2021, crowds flocked to the regional programs, embraced the dynamic programming and listened to some of Australia's eminent scientists.

"We're looking forward to welcoming Dr Karl back in 2022, to answer more curly science questions, and to continue the momentum of engaging visitors of all ages in learning more about STEM," Dr Thompson said.

To keep up to date with programs and events for World Science Festival Brisbane and World Science Festival Queensland, sign up to receive news and offers via the website www.worldsciencefestival.com.au

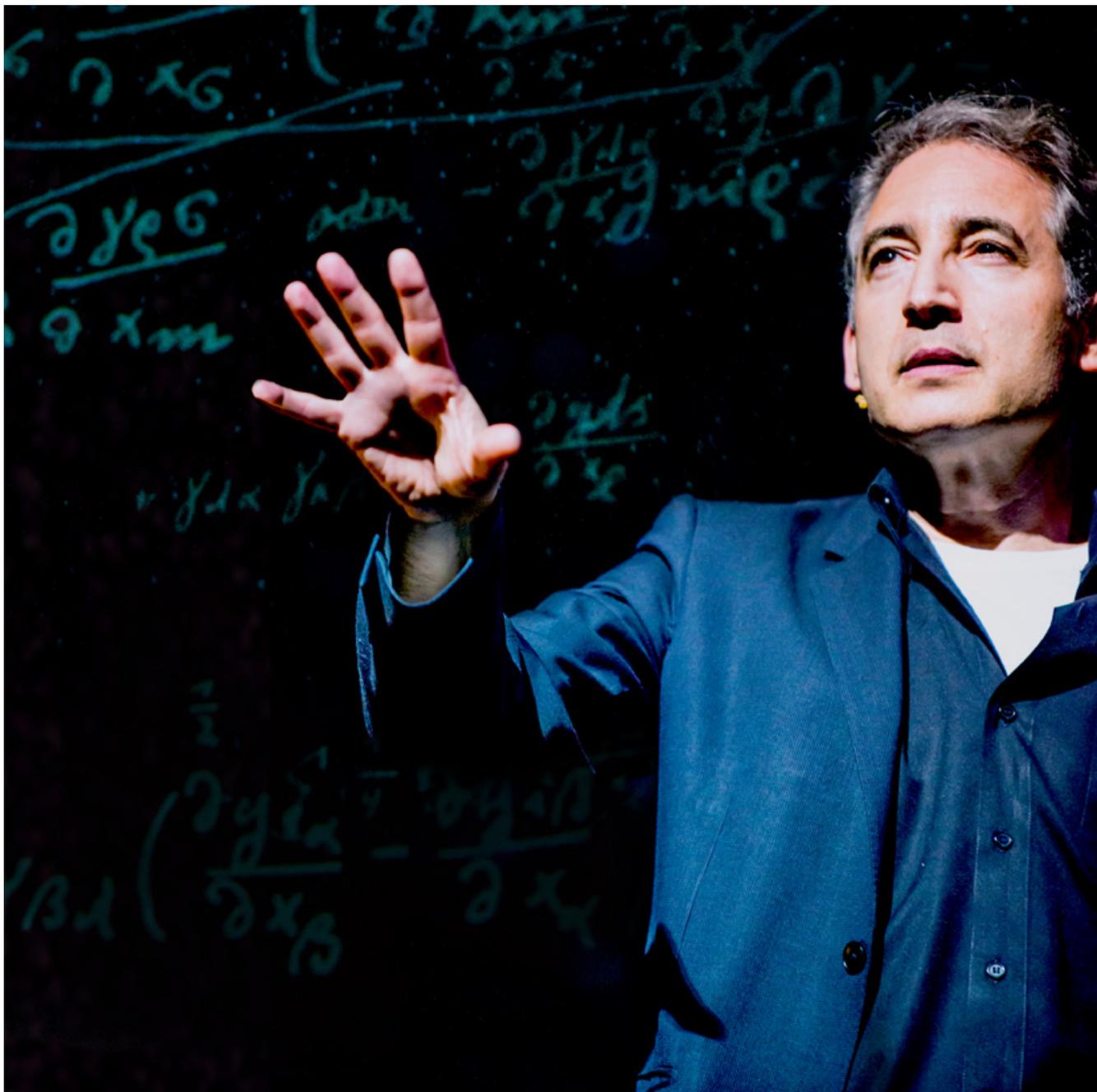
-ENDS- For further information, images or interviews please contact:

media@qm.qld.gov.au

Kylie Hay, Queensland Museum **M:** 0434 565 852

Christine Robertson, Queensland Museum **M:** 0417 741 710

World Science Festival New York Signature Conversation

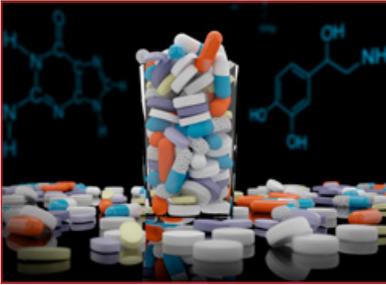


Einstein and the Quantum: Entanglement and Emergence

7.30pm–9pm | Conservatorium Theatre,
Queensland Conservatorium Griffith University
Adult \$40, Concession \$30, Livestream \$10

With his General Theory of Relativity, Einstein illuminated the grand expanse of the cosmos, but he was also instrumental in developing quantum mechanics for describing the micro world. In Einstein's day, these advances were considered unrelated but recent insights suggest that they may be secretly connected – significantly advancing our understanding of quantum threads that may stitch the fabric of spacetime. Streaming live from New York, Professor Brian Greene joins leading researchers to redefine the frontiers of Quantum Mechanics and Relativity. Astrophysicist Tamara Davis and ABC's Jonathan Webb will join us on stage to field your questions on the night.

Conversations



Hypothetical: WonderDrug™

7.30pm–9pm | Thursday 10 March | Conservatorium Theatre, Queensland Conservatorium
Griffith University | Adult \$35, Concession \$30, Livestream \$10

On average it takes 10 years for a new medicine to be approved. Along the way up to 85% of candidates fail and a lot of money is spent. Based on Geoffrey Robertson's classic *Hypotheticals*, Dr Norman Swan leads a panel of medical experts as they navigate the (clinical) trials and tribulations of a theoretical new WonderDrug™.

Presented with The University of Queensland.



Net Zero: Investing in the Future

7.30pm–9pm | Friday 11 March | Conservatorium Theatre, Queensland Conservatorium
Griffith University | Adult \$35, Concession \$30, Livestream \$10

Achieving net zero any time soon will take a considerable effort. Australia's Chief Scientist, Cathy Foley, Fortescue Future Industries Founder, Andrew 'Twiggy' Forrest, humourist, Dan Ilic and others discuss how science, private enterprise and activism are stepping up with big ideas and large investments in technology to accelerate the pace of change.



The End of Pain

10.30am–11.30am | Saturday 12 March | Conservatorium Theatre, Queensland Conservatorium
Griffith University | Adult \$35, Concession \$30, Livestream \$10

Doctors cannot see pain. There is no scan available and it's impossible to tell if people experience pain in the same way. Pain is in the brain of the beholder. Why do we feel pain, and what causes it? Can the brain unlearn the pathways of pain? And could a venom be used as a medicine to target pain?



Space Race 2.0

2pm–3.30pm | Saturday 12 March | Conservatorium Theatre, Queensland Conservatorium
Griffith University | Adult \$35, Concession \$30, Livestream \$10

More rockets were launched into space in 2021 than any year before, taking with them hundreds of satellites as well as the odd first-time astronaut. Space commercialisation is taking off as technology advances and costs come down. As this new frontier becomes increasingly crowded, our expert panel questions how we will navigate this brave new world without Captain Kirk.

Presented with QUT



Reading the Earth

12pm–1pm | Saturday 12 March | Auditorium 1, State Library of Queensland | Adult \$35, Concession \$30

Indigenous science is unequivocally spiritual, personal, visionary, pragmatic, rigorous and, consequently, has underpinned millennia of Indigenous prosperity and survival. Prominent Aboriginal, Māori and Pacific scholars discuss the validity of Indigenous scientific knowledge derived from hundreds and thousands of years of engaging physically and metaphysically with the earth, cosmos and ocean.

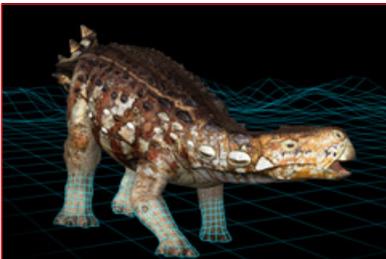


What on Earth is so Good About Mars?

2pm–3.30pm | Sunday 13 March | Conservatorium Theatre, Queensland Conservatorium
Griffith University | Adult \$35, Concession \$30, Livestream \$10

Governments and corporations are investing more than ever in technology aimed at the exploration of Mars. Griffith University's Paulo de Souza and a panel of experts discuss what has been found out so far, and what is still to be discovered. Is it all a mission of curiosity, or are there deeper implications for humanity?

Presented with Griffith University



Palaeontology Reimagined

10.30am–11.30am | Sunday 13 March | Conservatorium Theatre, Queensland Conservatorium
Griffith University | Adult \$35, Concession \$30, Livestream \$10

Ground-breaking technology is changing the way fossils are discovered, analysed and visualised with the results giving us so much more information about these ancient creatures and early earth. Join Dr Scott Hocknull and fellow palaeontologists and discover the new palaeontological tools. these ancient creatures and the early Earth.

Not to be missed!



Holographics Exhibition

30 minute sessions 10am–3pm daily
| Level 3, Queensland Museum |
Adult \$20, Concession \$15, Child \$10
(3-15 years), Family of 4 (2 adults, 2
children) \$50

Star Trek meets Jurassic Park in this world first holographic experience created by our friends at Axiom Holographics. Travel back in time and walk among some of the most breathtaking prehistoric animals imaginable.



Night of the Nerds

Saturday 12 March
7.30pm–8.45pm | Playhouse QPAC |
Adult \$60, Concession \$55

Night of the Nerds is the Festival's very own, very nerdy, variety game show!

Comedians Mark Humphries, Dan Illic and Lawrence Leung, songwriter Clare Bowditch, scientists Professor Hugh Possingham, Professor Tamara Davis, Professor Margaret Sheil, the irrepressible Dr Karl and science communicator Angharad Yeo are on stage to celebrate all things science.



Discover the Scottish Prince on a Scuba Dive with a Maritime Archaeologist

Saturday 12 March
6.30am–1pm | Gold Coast | Bookings
through OzDive at ozdive.com

In 1887, the Scottish Prince, a three-masted, iron hulled sailing ship, hit a sandbank on the southern end of Stradbroke Island. Today, it is an underwater museum and spectacular dive site. Join Queensland Museum's Maritime Archaeologist, Dr Maddy McAllister on a once in a lifetime dive experience to explore and learn about the shipwreck and wonder at the colourful underwater habitat it has since become.



Everything You Need to Know About: Comedy with Dr Karl

Sunday 13 March
10.30am–11.30am | Cremorne
Theatre, QPAC | Adult \$20,
Concession \$15

We all love a good laugh, but why do we make these spontaneous vocal eruptions and what makes them so enjoyable and infectious? Join Dr Karl and Dr Niraj Lal as they unravel what tickles your funny bone and if it really is humerus.



Queer Science!

Saturday 12 March
7.30pm–9.30pm | South Bank Piazza | Adult \$25, Concession \$20, Family of 4 (2
adults, 2 children) \$70

A rainbow is a meteorological phenomenon resulting in a thing of beauty. Beyond that rainbow is a colourful community of queer scientists ready to prove that diversity drives innovation.

Join us for an evening of celebration featuring queer scientists who share their insights into working in STEM along with conversations about visibility, opportunity, and the queer perspective.

Guests include award-winning science writer and presenter Bernie Hobbs and transgender Neuroscientist Alison Wright with entertainment from Brisbane drag icon Richie LeStrange. Plus an exclusive musical collaboration with upcoming queer icon Hope D and special guests.

New for 2022!

CURIOCITY

BRISBANE



OCHE/ECHO
Created by: Georgie Pinn

9–20 March 2022

Since 2019, Curiocity Brisbane has sparked inspiration and innovation, transforming our city into an interactive place to “explore, create and play”. During March, Curiocity Brisbane showcases a number of physical and digital installations for visitors to discover and explore. In 2022, Curiocity Brisbane will be delivered as part of World Science Festival Brisbane, presented by Queensland Museum Network.

In 2022, Curiocity Brisbane is curated by Brisbane’s own artist, curator and academic, Jay Younger who has brought together a 12-day celebration of science, art and technology – where new possibilities play and big ideas collide.

New for 2022!



The Satellite Bar

Perfectly positioned at Riverside Green, South Bank, the Satellite Bar is this year's designated hang out spot. Grab a drink from the licensed bar and enjoy a variety of free all-day, family-friendly programming. From music, workshops and live-animal shows to curious conversations, there is something for everyone in the family to enjoy. Make sure the Satellite Bar is in your orbit when you visit World Science Festival Brisbane.

Get Green! Sustainability Market

**8am–4pm | Flowstate Green, South Bank Parklands
Free, non-ticketed**

Welcome to our very first Get Green! Sustainability Market, a collection of local sustainable and eco-conscious small businesses and workshops located on South Bank's Flowstate Green on Sunday 13 March. Go green and discover how to live your best sustainable life with lovingly made sustainable products.





THE HATCHERY

Wednesday 9 – Sunday 13 March | 9.30am–3pm daily

Level 4, Queensland Museum | Bookings essential

Catch a rare glimpse of Australia's precious loggerhead turtles hatching in their incubation chambers and the first moments of their ocean lives as they meet a seawater environment in specially designed tanks. After the Festival, the newborn turtles will be transported to the Sunshine Coast and released 20 kilometres offshore.

The Hatchery is an important conservation initiative that has released almost 500 loggerhead turtles since it started. It has been designed in collaboration with internationally renowned herpetologist Colin Limpus and Queensland Museum Senior Curator of Reptiles and Amphibians, Biodiversity Program and Chair of the Animal Ethics Committee, Patrick Couper.

The Hatchery will be livestreamed on worldsciencefestival.com.au from Wednesday to Sunday with support from AARNET.

Science fun for all ages

We love science and there is something for all ages at World Science Festival Brisbane, whether it's getting hands on at City of Science or soaking up the electric atmosphere at The Nucleus or getting up close to the state's treasures. Join us on a scientific journey of wonder and amazement at World Science Festival Brisbane 2022...

City of Science

South Bank Parklands

Brisbane will once again be transformed into a City of Science from the parklands and cultural precinct of South Bank and the heart of the CBD to the heights of Mt Coot-tha, the native bush of Oxley Creek, and a collective of local libraries called The Libratorium.

This free program for inquisitive minds of all ages includes celestial stargazing, lunchtime labs, treasure hunts, hands-on workshops, fascinating discussions, nature walks, sustainable markets, pop-up entertainment, curious installations, and an intriguing web of creepy crawlies and crazy critters.

Over five jam-packed days, World Science Festival Brisbane will paint the city red for Queensland's most vibrant and dynamic celebration of discovery, innovation and creativity.

All events are free. Some require bookings.



The Nucleus @ South Bank Piazza

Located in the South Bank Piazza, The Nucleus is the Festival's vibrant hub of science-tainment, teeming with fast and family-friendly fun and super science-y stuff for everyone.

Bring the kids during the day or gather the grown-ups at night for what promises to be a memorable mix of science, art and culture in the pulsing heart of South Bank Parklands.



Collections Up Close

Queensland Museum Network is home to a magnificent collection of 1.2 million cultural objects, natural history specimens and geological treasures, and more than 14 million research items, with only a fragment of the collection on public display at any time.

Our team of scientists, curators, researchers and conservators will delve into the museum's vaults to showcase some fascinating specimens and share insights into Queensland's natural and cultural history.



QUEENSLAND MUSEUM NETWORK

Queensland Museum Network (QMN) is the keeping place for the State Collection of more than 1.2 million objects and specimens and more than 14 million research collection items.

The Queensland Museum (QM) was founded in January 1862 by the Queensland Philosophical Society. QMN has grown considerably since then with the museum coming under the responsibility of the State Government in 1871 and moving into its first purpose-built premises in 1879.

Today, QMN is governed by the Board of the QM (the Board) and includes:

- Queensland Museum (QM) (including SparkLab, Sciencentre) in the heart of Brisbane's Cultural Centre at South Brisbane
- Cobb+Co (C+C) in Toowoomba
- Museum of Tropical Queensland (MTQ) in Townsville
- The Workshops Rail Museum (TWRM) in Ipswich
- QM Collections, Research and Loans Centre at Hendra in Brisbane
- Museum of Lands, Mapping and Surveying in Brisbane
- Earth Sciences Museum, The University of Queensland in Brisbane.

Over the years QMN has changed with Queensland as it discovers, documents and celebrates the state's natural, cultural and scientific diversity. With respected scientific and cultural research, significant and varied collections, and community outreach services, QMN continues to offer Queensland's residents and visitors enriching cultural, social and intellectual experiences. QMN reaches far beyond the walls of its museums, connecting with millions of people through museum experiences, events, workshops, talks and lectures, school education kits, publications, online resources and regionally across the state via our Museum Development Officer (MDO) Network and World Science Festival Brisbane programming. We continually strive to be a cultural and scientific leader by successfully harnessing the support of industry, governments and communities.

MEDIA INTERVIEWS AND CONTACTS

A selection of World Science Festival Brisbane and Curiosity images are available for media use and additional images can be sourced on request.

Supplied photo credits must accompany publication:
"Image courtesy of Queensland Museum"

Media Accreditation

Media accreditation for World Science Festival Brisbane 2022 is now open to all working media representatives who are required to report/photograph events.

Please note that accreditation is subject to approval and application alone does not guarantee accreditation.

Accreditation is non-transferable and conditions apply. Photo ID will be required to collect passes.

Apply online: worldsciencefestival.com.au/about/media/

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Connect with Queensland Museum

facebook.com/qldmuseum

Twitter: @qldmuseum

Instagram: qldmuseum

www.qm.qld.gov.au

Connect with World Science Festival Brisbane

Twitter: @WSFBrisbane

#WSFB2022

Facebook.com/worldsciencefestivalbrisbane

Connect with Curiosity

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Dedicated to a better Brisbane



OFFICIAL SUPPLIERS



Like rare earth elements are essential to our high-tech gadgetry, our partners are essential to the continued success of the World Science Festival Brisbane.

We are serious about partnerships and dedicated to developing genuine relationships premised on shared vision, clearly articulated outcomes and measurable, mutually rewarding impact in STEM.

If you are serious about partnerships and want to take a leadership role in STEM engagement, contact us on +61 (7) 3153 7841 or email wsfpartners@qm.qld.gov.au to discuss the opportunities available.