

ساي فيست دبي

# SciFest Dubai

2017 Programme of Events

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DUBAI SCIENCE PARK

# Wed 1 November 2017

Event	Description	Audience Age	Time & Venue	Maximum Audience
Critical Wonder Serious Awe	<p><b>Keynote Conference</b>  <b>Theme: Exponential Tech and Moonshot Thinking</b>                      We are a species of moonshot thinking . We have set our minds to magical, seemingly impossible ideas and have brought them to reality through innovation, science, and technology. This sets others on fire.                      Join the speakers as they share the best of human progress and all the amazing, ambitious, and audacious things we have accomplished.</p>	14-adults	10:00am - 11:15am @ WDO	600  Fully booked Registration Closed
Star Party	<p><b>Astronomy Stargazing</b>                      Join us as we view the rings of Saturn, the red spot of Jupiter, the polar ice caps on Mars, the Orion Nebula, the Andromeda galaxy, and various other astronomical objects like the Orion Constellation, and the brightest stars in the night sky, including, Sirius, Betelgeuse, Procyon, Aldeberan, Vega and many more.</p>	10 - adults	7:00pm – 9:00pm @Jebel Ali	500  Fully booked Registration Closed
Science Radio	<p><b>Dubai Today: Popular Science</b>                      Tune in to 103.8FM to listen to award-winning host, Suzanne Radford talk about the wonders of science and mysteries of the universe with the team from SciFest Dubai.</p>	14- adults	103.8 FM Dubai Eye Radio 11:00am-1:00pm	N/A

# Thursday 2 November 2017

Event	Description	Audience Age	Time & Venue	Maximum Audience
Keynote Events	<p><b>Mad Science: Fire and Ice Show</b> Prepared to be amazed by the impressive science demonstrations in this spectacular show! From foggy dry ice storms to a Mad Science burp-flavored potion, audiences will be astonished by what they see, hear, and ugh... taste! Ever see scissors sizzle and shiver? Ever taken a bubble shower? Here's your chance!</p>	6-14 years old	9:00am – 9:45am @ Mohammed bin Rashid University- mainstage	250 <a href="#">Click here to register</a>
Keynotes	<p><b>Speaker: Dr. Abdullah Al Karam, Director General, KHDA   Science in the UAE</b> <b>Speaker: Simon Ings, Arts and Culture Editor, New Scientist Magazine  Critical Thinking and Scientific Inquiry</b> <b>Speaker: Dr. Mark Jackson, American Theoretical Physicist; Science &amp; BDO at Cambridge Quantum Computing.   Astronomy, Astrophysics, and Space Exploration</b> <b>Speaker: Paul Epping, Singularity University, Dubai Chapter President   Will Science re-write science? The next paradigm shift.</b></p>	10 - adults	10:00am – 11:15am @ Mohammed bin Rashid University- mainstage	250 <a href="#">Click here to register</a>
Panel Discussion	<p><b>Science and Art: The Future of Education</b> Technology is growing at an exponential rate. What impact will this have on Education? How will Virtual Reality and Augmented Reality disrupt the way teachers teach? What impact will Big Data, Robotics, Artificial Intelligence, and the Internet of things have on students and the teaching and learning process? Join the panel as they discuss how education will have to change in the coming years.</p>	14- adults	11:30am – 12:15pm @ Mohammed bin Rashid University- mainstage	250 <a href="#">Click here to register</a>
Science Show	<p><b>Mad Science Up, Up and Away</b> See the Mad Scientist make a hot air balloon and demonstrate the science behind a parachute. Watch a vortex generator at work, ride a hovercraft, and see how pressure can be used to create cinematic special effects! Children will be astonished as a soda bottle is crushed by the atmosphere, and will learn how the forces at work affect the world around us. It's all possible when you send kids up in a Flying Science!!!</p>	6-14 years old	12:30pm – 1:15pm @ Mohammed bin Rashid University- mainstage	250 <a href="#">Click here to register</a>
Café Scientifique	<p><b>Café Scientifique 1:</b> Future of Artificial Intelligence <b>Café Scientifique 2:</b> Impact of Exponential Technologies Technology is growing at an exponential rate. Convergence of Genetics, Nanotechnology, Robotics, Sensors, and A.I. will disrupt everything in the near future. We already have AI that can compose music, create art, and write poetry. What impact will smart agents and super smart AIs of the future have on human society? How will greater-than-human intelligence change art? How will humans merge with their technologies and create radically new types of art?</p>	14- adults	9:00am-10:00am 12:30pm-1:15pm @ Mohammed bin Rashid University- Café Zeferano	200 <a href="#">Click here to register</a>
Telescopic Solar Viewing	<p><b>Sun-gazing using Solar Filters   Astronomy</b> The solar viewing sessions allow for safe telescopic observation of the sun using special solar filters to view sunspots. (Never look at the sun with the naked eye.)</p>	8- adults	9:00am – 12:00pm @ The Mohammed bin Rashid Academic Centre Entrance	500 <a href="#">Click here to register</a>
Science Storytelling	<p><b>Science Stories</b> come in many forms, and there are many different mediums one can use, each with its own merits. The Science Stories in this series have been selected for a younger audience and capture the magic and wonder of science in general and astronomy and space in particular.</p>	5-9 years old	Session 1: 9:30am – 10:00am Session 2: 12:30am – 11:30am	40 <a href="#">Click here to register</a>

## Friday 3 November 2017

Event	Description	Audience Age	Time & Venue	Maximum Audience
Café Scientifique	<p><b>Café Sci 1: Exponential Technologies and Accelerating Change</b></p> <p>Technology is growing at an exponential rate. Convergence of Genetics, Nanotechnology, Robotics, Sensors, and A.I. will disrupt everything in the near future. We already have AI that can compose music, create art, and write poetry. What impact will smart agents and super smart AIs of the future have on human society? How will greater-than-human intelligence change art? How will humans merge with their technologies and create radically new types of art?</p>	18 - adults	Urban Bistro	250  Registration not open

## Saturday 4 November 2017

Event	Description	Audience Age	Time & Venue	Maximum Audience
Focus Group	<p><b>Focus Group: Education in a world of Accelerating Change</b></p> <p>The educational system today is in dire need of an overhaul. This focus group examines the impact of exponential technologies, digital tools, and accelerating change on education. The aim is to make recommendations for positive change in how we educate our youth.</p>	14 - 18	1776, Dubai Future Accelerator	250  Registration not open
Film Screening	<p><b>Film: Contact</b> (Based on the novel by Carl Sagan)</p> <p>In this Zemeckis-directed adaptation of the Carl Sagan novel, Dr. Ellie Arroway (Jodie Foster) races to interpret a possible message originating from the Vega star system. Once first contact with an extraterrestrial intelligence is proven, Arroway contends with restrictive National Security Advisor Kitz (James Woods) and religious fanatics bent on containing the implications of such an event. An incredible message is found hidden in the signal, but will Arroway be the one to answer its call?</p>	14 - adults	A4 Al Serkal Avenue	500  Registration not open

# Sunday 5 November 2017

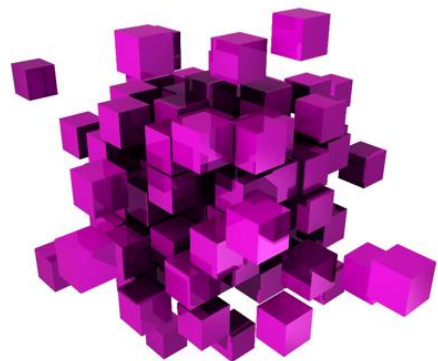
Event	Description	Audience Age	Time & Venue	Maximum Audience
Science Workshop	<p><b>Journey to a Comet   UK National Space Academy</b> Summary</p> <p>In this hands-on interactive workshop, participants will go on a scientific journey which looks at the science behind launching from Earth, journeying through space and finally arriving at a comet. Participants will need to be prepared to take part in demonstrations; join a small team to design, build and launch their own 'rocket'; and be amazed as a comet is created from everyday materials.</p>	9-18 years old	RRT	100  Fully booked Registration Closed
Science Debate	<p><b>Debate Motion:</b> <b>This house believes Exponential Technologies will have a positive impact on humanity</b></p> <p>Technology is growing at an exponential rate. This debates examines the impact that genetics, nanotechnology, robotics, A.I., 3D printing, and virtual reality will have on humanity.</p>	14 - adults	WIN, JA	600  Fully booked Registration Closed
Science Debate	<p><b>Debate Motion:</b> <b>This House believes that traditional schools should be replaced by online learning</b></p> <p>Information is widespread and technology is now making online learning more and more feasible. This debate examines whether this is desirable to replace traditional schools with online platforms.</p>	14 - adults	WDO	600  Fully booked Registration Closed
Science Debate	<p><b>Debate Motion: This House believes that there is no intelligent life outside our solar system</b></p> <p>The Universe is a large place. How likely is it that alien life forms exist? What impact will the discovery of exo-planets have on our understanding of biology and evolution of life. This debate examines the likelihood of life in the universe.</p>	14 - adults	WDO	600  Fully booked Registration Closed
Workshop	<p><b>Astrophotography</b></p> <p>Astrophotography is a specialized type of photography for recording photos of astronomical objects and large areas of the night sky. Astrophotography is a large subdiscipline in amateur astronomy usually seeking aesthetically pleasing images rather than scientific data. This workshop focuses on the use of a wide range of special equipment and techniques.</p>	14 - adults	UK NSA	600  Fully booked Registration Closed
Café Scientifique	<p><b>Cafe Sci: The Science Behind Intelligent Optimism</b></p> <p>Contrary to mainstream media, the world is actually getting better and not worse. Based on reason, data, evidence, and statistics discover how and why science and technology are making the world a better place</p>	14 - adults	UK NSA	600  Fully booked Registration Closed

# Monday 6 November 2017

Event	Description	Audience Age	Time & Venue	Maximum Audience
Planetarium Show	<b>Planetarium Show 1: The Birth, Life, and Death of Stars</b> Witness the birth of our local star, the sun, and discover how long it has been shining. Watch as the biggest stars in our universe slowly age and eventually die in huge supernova explosions.	14 – 18 years old	GWA	600 Fully booked Registration Closed
Planetarium Show	<b>Planetarium Show 2: Seasonal Stargazing</b> Learn about constellations of the night time sky and where and when they can be seen. Through the seasons of the year we see how ancient cultures kept their own calendars based on the star patterns they could see.	14 – 18 years old	GWA	600 Fully booked Registration Closed
Planetarium Show	<b>Planetarium show 3: Wonders of the Universe</b> Take an incredible journey back to the beginning of time and witness the birth of the universe. Fly through our home galaxy, the Milky Way, and experience the awe inspiring sights of deep space exploration.	14 – 18 years old	GWA	600 Fully booked Registration Closed
Science Workshop	<b>Journey to a Comet   UK National Space Academy</b> Summary In this hands-on interactive workshop, participants will go on a scientific journey which looks at the science behind launching from Earth, journeying through space and finally arriving at a comet. Participants will need to be prepared to take part in demonstrations; join a small team to design, build and launch their own 'rocket'; and be amazed as a comet is created from everyday materials.	9-18 years old	RRT	100  Fully booked Registration Closed
Café Scientifique	<b>Café Sci: Exponential Technologies and Accelerating Change</b> What impact will artificial intelligence, genetics, robotics, and nanotechnology have on the future of our species? How will we cope with accelerating change?	14 – 18 years old	WDO	600 Fully booked Registration Closed
Café Scientifique	<b>Café Sci: Neuro-education: The Brain &amp; Learning</b> In the last 5 years we've learnt more about the human brain than in all the previous centuries combined. What impact will this have on education?	14 – 18 years old	WDO	600 Fully booked Registration Closed

## Tuesday 7 November 2017

Event	Description	Audience Age	Time & Venue	Maximum Audience
Science Talk	<p><b>Guest Speaker: Raya Bidshahri</b> (Founder, Awecademy, Co-founder, Café Scientifique Dubai)  <b>Topic: Global Grand Challenges</b>            Today, if you're not disrupting yourself, someone else is; your fate is to be either the disrupter or the disrupted. There is no middle ground. Any company designed for success in the 20th century is doomed to failure in the 21st. Don't just ask what the world needs. Ask what makes you come alive and go do it. What the world needs is people who have come alive.</p>	14 – 18 years old	10:00am-11:00pm GHS	600 Fully booked Registration Closed
Science Workshop	<p><b>Scratch Development Session for kids with no prior coding experience.</b>            Scratch is a programming language where kids can create their own interactive stories, games, and animations. The session would teach young kids how to get started on scratch, and in turn gives them the core reasoning skills required to pick up other coding languages. The first part of the introduction session would cover the concepts of programming, how to navigate the scratch software and includes a hands on exercise to build a simple storyline that exposes the participants to the core elements of the scratch environment. In the second part of this workshops, once the kids are familiar with scratch, we will go further and enable them to build a simple game to learn more advanced concepts in scratch.</p>	8-14 years old	9:00am – 12:00pm  WPS	600 Fully booked Registration Closed
Science Talk	<p><b>Teaching science using the engaging context of space   UK National Space Academy</b>            Summary            In this half-day workshop, delegates will learn how the exciting and contemporary context of space can be used to engage student's interest and to teach topics from the science curriculum. Using simple everyday equipment delegates will develop their knowledge of space science; learn and try-out active learning investigations; and leave with ideas and activities that can be immediately implemented into lessons. Delegates will cover topics such as Newton's Laws of Motion, combustion chemistry, chemical analysis using line spectra and life in the extremes.</p>	14 – 18 years old	9:00AM – 12:00PM  JCD	600 Fully booked Registration Closed



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