

# **THE ULTIMATE GUIDE TO SSF2019**

**“This is Science” is an opportunity to show the world the amazing scientific properties that live in the simplest of things in our everyday lives. We’re bringing science to life in amazing and unimaginable ways across more than 50 shows, exhibitions, workshops and activities!**

**Did you know that reading this page is science? Light is reflected off the page into your cornea, which is then transmitted through your optic nerves to your brain!**

**EVERYTHING is science at the Singapore Science Festival 2019.**

**SHOWS**

# “INCREDIBLE EDIBLES, THE CHEMISTRY OF COOKIES” BY KATE MULCAHY



## DATE

7 – 8 SEP

## LOCATION

PLAZA SINGAPURA  
OUTDOOR PLAZA  
68 Orchard Road  
Singapore 238839

## TIME

3PM – 3:30PM

## FEES

FREE PASS

Scientist Kate Mulcahy gives you a delicious scoop behind one of the world's favourite treats – the cookie! Learn more about the role each ingredient plays and be amazed by the chemical transformations that take place while baking.

# SCIENCE SHOWS @ SSF



## DATE

10 – 14 SEP

## LOCATION

10 – 12 SEP: SCIENCE CENTRE  
SINGAPORE ANNEX HALL 1, 15  
Science Centre Road Singapore  
609081

13 – 14 SEP: FUSIONOPOLIS ONE  
GENEXIS THEATRE, 1 Fusionopolis  
Way Singapore 138632

## TIME

SPECIAL SCIENCE SHOW BY  
ROYAL INSTITUTION  
10 – 11 SEP: 11 AM & 4PM  
12 SEP: 11AM  
13 – 14 SEP: 5.15PM

“THE IMPOSSIBLE” SCIENCE  
SESSIONS BY JASON LATIMER  
12 SEP: 4PM  
13 – 14 SEP: 2:30PM – 3PM

## FEES

ADMISSION FEES TO SCIENCE  
CENTRE SINGAPORE APPLY  
Suitable for ages 5 and above

## SPECIAL SCIENCE SHOW BY ROYAL INSTITUTION

Brought to you all the way from United Kingdom by the Royal Institution, catch an exciting science spectacle featuring a host of live demonstrations sure to excite you!

## “THE IMPOSSIBLE” SCIENCE SESSIONS WITH JASON LATIMER

Magic? Or just Science? Famed American magician Jason Latimer shows you the secret to “the Impossible”. From bending light to shaping water, take a journey beyond the illusions in a one of a kind magical science show. He will also be sharing the inspiration behind his magical journey at a talk happening at Science Centre Singapore on 12 September.

# **WORKSHOPS**

# 2D STACK ART, TANGRAM & PACKAGING WORKSHOP



## DATE

30 – 31 AUG

## LOCATION

SCIENCE CENTRE SINGAPORE  
DIGITAL FABRICATION SPACE,  
LEVEL 2  
15 Science Centre Road,  
Singapore 609081

## TIME

30 AUG: STACK ART  
2PM – 5:30PM

31 AUG: TANGRAM &  
PACKAGING  
9AM – 12:30PM

## FEES

WORKSHOP FEES APPLY.  
PRE-REGISTRATION REQUIRED  
Suitable for ages 14 and above

## REGISTER AT

[upstream@science.edu.sg](mailto:upstream@science.edu.sg)

Create visually appealing 3D art from simple 2D structures or become a packaging whizz by taking part in the 2D Stack Art and Tangram & Packaging workshops. Held over two days, these hands-on activities will surely upgrade your skillset.

# SSF 2019 SATELLITE WORKSHOPS



## DATE

9 – 13 SEP

## LOCATION

PLAZA SINGAPURA  
68 Orchard Road  
Singapore 238839

## TIME

VARIOUS TIMINGS

## FEES

WORKSHOP FEES APPLY.

Suitable for ages 14 and above

## FIND OUT MORE AND

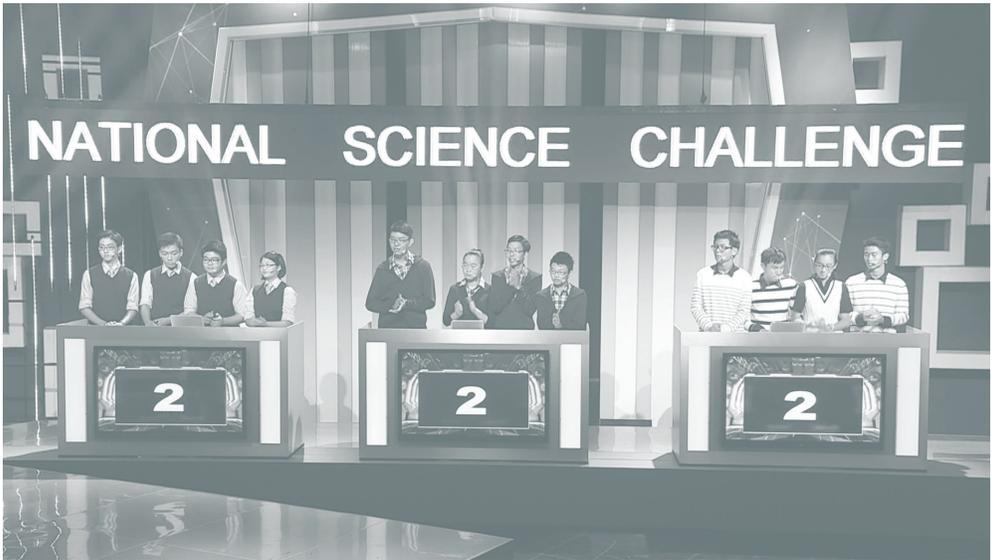
## REGISTER AT

[singaporesciencefestival2019.peatix.com](http://singaporesciencefestival2019.peatix.com)

**Did you know that science is behind everything we do? From the food we consume to the videos we watch online, find out all about the fascinating theories that lie beneath in this series of mini workshops conducted by industry professionals.**

**BROADCAST**

# NATIONAL SCIENCE CHALLENGE



**DATE**

20 AUG – 24 SEP

**TELEVISION BROADCAST**

EVERY TUESDAY FROM  
20 AUG TO 24 SEP ON  
MEDIACORP CHANNEL 5

**TIME**

7:30PM

**ONLINE STREAMING**

AVAILABLE ON [tv.toggle.sg](http://tv.toggle.sg)  
Suitable for ages 13 and above

Back for its 16<sup>th</sup> season, the National Science Challenge features young scientists vying for the top prize. Catch the whiz kids in action at the live screening of the grand finals and find out which team gets bragging rights.

# STAR LECTURE 2019



## DATE

12 – 13 SEP

## LOCATION

MEDIACORP CAMPUS  
1 Stars Avenue  
Singapore 138507

## TIME

12 SEP  
3PM – 5PM

## 13 SEP

10:30AM – 12:30PM  
3PM – 5PM

## FEES

LECTURE FEES APPLY

## REGISTER AT

[upstream@science.edu.sg](mailto:upstream@science.edu.sg)

## “WHO AM I?” BY DR ADAM RUTHERFORD

Have you ever wondered who we really are? Join British author and geneticist Dr Adam Rutherford as he draws comparisons with other animals, our ancestors and even each other to answer this age-old question. Catch the show live at Mediacorp from 12 – 13 September.

**EXHIBITION**

# SCIENCE BUSKERS FESTIVAL



## DATE

30 – 31 AUG

## LOCATION

PLAZA SINGAPURA  
OUTDOOR PLAZA  
68 Orchard Road  
Singapore 238839

## TIME

10AM – 6PM

## FEES

FREE PASS

Suitable for all ages

**The Science Buskers Festival is back with a new group of young buskers using creative “show-and-tell” to bring their love of science to life. Come down and be amazed by these bright young minds!**

# X-PERIMENT!



## DATE

13 – 14 SEP

X-PERIMENT!

13 SEP

SINGAPORE LARGEST SLIME  
INSTALLATION

## LOCATION

FUSIONPOLIS ONE ATRIUM  
1 Fusionopolis Way  
Singapore 138632

## TIME

10AM – 6PM

## FEES

FREE PASS

Suitable for all ages

## X-periment!

**Calling all future scientists and innovators – sneak a peek into the future of science and witness the latest innovations across health, business and manufacturing from top institutions at this year's X-periment!**

## SINGAPORE'S LARGEST SLIME INSTALLATION

**SSF is on a mission to break another record! Contribute to the biggest slime installation in town by creating your very own batch of slime. Icky, gooey fun that is larger than life and great for a family day out.**

# DINOQUEST



## DATE

UNTIL 29 SEP

## LOCATION

SCIENCE CENTRE SINGAPORE  
15 Science Centre Road  
Singapore 609081

## TIME

10AM – 6PM

## FEES

ADULT – \$18

CHILD – \$15

FAMILY(2 ADULTS &

2 CHILDREN) – \$52

**Learn about the science of palaeontology and discover your very own dinosaur at DinoQuest, a multi-sensory blockbuster experience that transports guests millions of years back to the Cretaceous period.**

**Powered by the latest multimedia technologies, the exhibition is now showing for a limited period of time only.**

# ACTIVITIES

# FUTURE MAKERS GUIDED TOUR THE TENSEGRITY CHALLENGE



## DATE

6 – 8 SEP

## LOCATION

SCIENCE CENTRE SINGAPORE  
HALL G  
15 Science Centre Road  
Singapore 609081

## TIME

FUTURE MAKERS GUIDED TOUR  
11AM & 2PM

## THE TENSEGRITY CHALLENGE

10:30 AM – 12:30PM  
2PM – 4:30PM

## FEES

ADMISSION FEES TO SCIENCE  
CENTRE SINGAPORE APPLY  
Suitable for ages 9 and above

**“Science is about knowing. Engineering is about doing.” – Henry Petroski**

**Marvel at complex engineering feats and day-to-day innovations at this exclusive guided tour of Future Makers, the latest exhibition at Science Centre. Then put your building skills to the ultimate test by taking part in the Tensegrity Challenge.**

# AMOOZING MILK UNBELI-BUBBLE



## DATE

10 – 14 SEP

## LOCATION

SCIENCE CENTRE SINGAPORE  
ANIMAL ZONE/ECOGARDEN  
15 Science Centre Road  
Singapore 609081

## TIME

AMOOZING MILK  
@ ANIMAL ZONE:  
10 – 12 SEP  
10:30 AM – 12:30PM  
2PM – 4:30PM

UNBELI-BUBBLE  
@ ECOGARDEN  
13 – 14 SEP  
10:30 AM – 12:30PM  
2PM – 4:30PM

\*Depends on weather conditions

## FEES

ADMISSION FEES TO SCIENCE  
CENTRE SINGAPORE APPLY  
Suitable for ages 5 and above

Science is in the everyday items we use, the milk we drink and even the bubbles we create during bath time! Inspired by the theme of this year's festival "This is Science", take part in exclusive hands-on activities that uncover the science behind milk and soap bubbles.

# THIS IS SCIENCE: EXHIBIT HUNT



## DATE

30 AUG – 14 SEP

## LOCATION

SCIENCE CENTRE SINGAPORE  
15 Science Centre Road  
Singapore 609081

## TIME

10AM – 5PM

## FEES

ADMISSION FEES TO SCIENCE  
CENTRE SINGAPORE APPLY

**Stand a chance to win attractive prizes!  
Simply take part in a one-of-a-kind exhibit  
hunt on your next trip down to Science  
Centre between 30 August and 14  
September and redeem a token upon  
completion. It's like a treasure hunt, but with  
exhibits.**

# THE INFLATABLE ORGAN EXPERIENCE



## DATE

9 – 14 SEP

## LOCATION

9 – 12 SEP  
SCIENCE CENTRE SINGAPORE  
HALL A  
15 Science Centre Road  
Singapore 609081

13 – 14 SEP

FUSIONOPOLIS ONE ATRIUM  
1 Fusionopolis Way  
Singapore 138632

## TIME

9 – 12 SEP  
10:30 AM – 12:30PM  
2PM – 4:30PM

13 – 14 SEP

10AM – 6PM

## FEES

Suitable for ages 5 and above

Take a step into two of the most important organs in our body – the lungs and the digestive system. Let the giant inflatables take your breath away as you learn more about the vital role the organs play and how you can protect it. The digestive system exhibit will be displayed exclusively at the Fusionopolis One Atrium.

# SNOW SCIENCE FESTIVAL @ SNOW CITY



## DATE

6 – 15 SEP

## LOCATION

SNOW CITY  
21 Jurong Town Hall Road  
Singapore 609433

## TIME

10 AM – 6PM

## FEES

ACTIVITIES INCLUDED IN  
SNOW CITY ADMISSION FEES

Experience the “cooler” side of life by participating in a host of fun activities at Snow City this September holidays. Get caught in Snow City’s snow blizzard, or witness firsthand the magic created by snow and science. The possibilities are endless!

ORGANISED BY



Agency for  
Science, Technology  
and Research



singapore

DISCOVER MORE AT SINGAPORE  
SCIENCE FESTIVAL 2019

[bit.ly/sf2019sg](http://bit.ly/sf2019sg)

For enquiries, contact [upstream@science.edu.sg](mailto:upstream@science.edu.sg)

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30 Aug – 14 Sep 2019

# THIS IS *Science*

FESTIVAL GUIDE

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