

# SCIENCE WORLD

Look out for films, festivals and books about amazing women this month.

WATCH IT

## Ant-Man and the Wasp: Quantumania

Marvel's smallest superhero is back for his third solo adventure *Ant-Man and the Wasp: Quantumania*. In the *Ant-Man* films, Paul Rudd plays Scott Lang, a man who can shrink to the size of an ant. While this may sound like the stuff of science-fiction, it's rooted in some science fact. Spyridon Michalakis, a quantum physicist at the California Institute of Technology, in the US, served as a science consultant on the first two *Ant-Man* films. He explains how many of the film's concepts, such as the Quantum Realm (a tiny universe within our own where the rules of physics don't apply), are rooted in real scientific theories. In the new *Ant-Man* film, Lang and his family find themselves in the Quantum Realm.

On 24 February, listen to a new *Mysteries of Science* episode about the crazy world of quantum physics. Plus, you can now find us on YouTube at [youtube.com/@mysteriesofscience](https://www.youtube.com/@mysteriesofscience)



**SUPER STRENGTH**  
Ants can carry up to 50 times their own bodyweight.



Ant-Man in the Quantum Realm.

GRAB TICKETS

## Science Festival

The Norwich Science Festival is back for 2023 with a week's worth of exciting exhibitions and events. Highlights include Rude Science with gastronaut Stefan Gates, whose explosive show includes fart and sneeze machines. To find out more and see the full schedule, visit [norwichsciencefestival.co.uk](https://www.norwichsciencefestival.co.uk)



GET INVOLVED

## Imagine science



From 8–18 February, head to London's Southbank Centre for the Imagine Children's Festival. There are plenty of events linked to STEM (science, technology, engineering and mathematics), with evolutionary biologist Ben Garrod and space scientist Dr Maggie Aderin-Pocock both presenting their latest books. To find out more, visit: [tinyurl.com/SN-imagine](https://www.tinyurl.com/SN-imagine)

CITIZEN SCIENCE

## Plant your pants

Get involved in a citizen science experiment to monitor the health of the UK's soil. Between March and June, The Country Trust is asking UK pupils to bury cotton pants and dig them up two months later. How much the pants break down will help scientists figure out what state the soil is in, because healthy soil breaks cotton down more quickly. To take part, go to [tinyurl.com/SN-pants](https://www.tinyurl.com/SN-pants)



Plant Your Pants!