

# New Scientist

WEEKLY 2 September 2023

REVEALED: THE TRUE  
STORY BEHIND THE  
'HOBBIT' DISCOVERY

INDIA'S MOON  
MISSION TRIUMPH

DOES EVERY  
WORKPLACE NEED  
AN AI WHISPERER?

## THE SMARTER WAY TO UNWIND

Why relaxation could be as vital as sleep – and  
the six secrets to doing it better



**PLUS CAN ALL ANIMALS GET DRUNK? /**  
AVI LOEB ON ALIEN FIRST CONTACT /  
**HOW TO BAKE THE PERFECT COOKIE**

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# News

## Natural fertiliser

Sled dogs turn Svalbard greener with their faeces **p10**

## Moving target

Why it is so difficult to make vaccines against dengue **p11**

## Energy storage

Plastic bottles can be recycled into supercapacitors **p13**

## Nature vs nurture

Genes influence education more than we thought **p14**

## Sweet vision

Bees may be able to tell if water contains sugar by looking **p16**

## Space

### Cosmic whirlpool captured by JWST

The hypnotic, spiralling arms of the M51 galaxy draw you into this image from the James Webb Space Telescope. M51, also known as the Whirlpool galaxy, is some 27 million light years from us. In this image, created using infrared data, dark regions show warm dust, red ones show complex molecules forming on dust grains, and oranges and yellows reveal areas of ionised gas from young star clusters.

ESA/JWST, NASA & CSA, A. ADAMO (STOCKHOLM UNIVERSITY)/FEAST JWST TEAM

