BBC UNLOCKING THE POTENTIAL OF LUCID DREAMS

Science Focus

How to build a SILENT SUPERSONIC AEROPLANE

The problem with SPACE TOURISM POLLUTION

THE CREATURES UNKNOWN TO SCIENCE
THE MISSIONS TO MAP THE ENTIRE OCEAN FLOOR
THE PLANS TO BUILD A PERMANENT DEEP-SEA HABITAT
THE CELL-LIKE STRUCTURES THAT MAY HAVE SEEDED LIFE ON EARTH



IN THIS ISSUE

James Bond

Alcoholism, STDs and head injuries... a doctor gives 007 a physical

Health

Why Michael Mosley takes a cold shower every day

Education

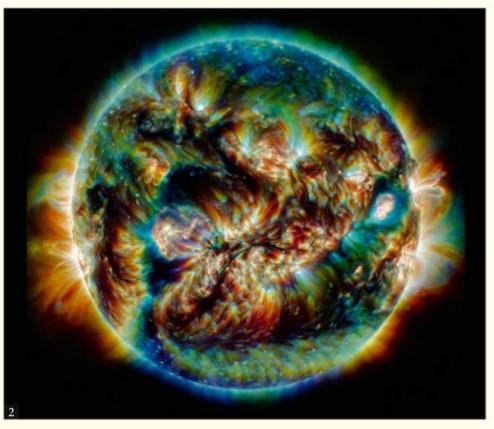
How to change careers successfully



<u>ASTRONOMY</u>

Astronomy Photographer of the Year teases this year's shortlist

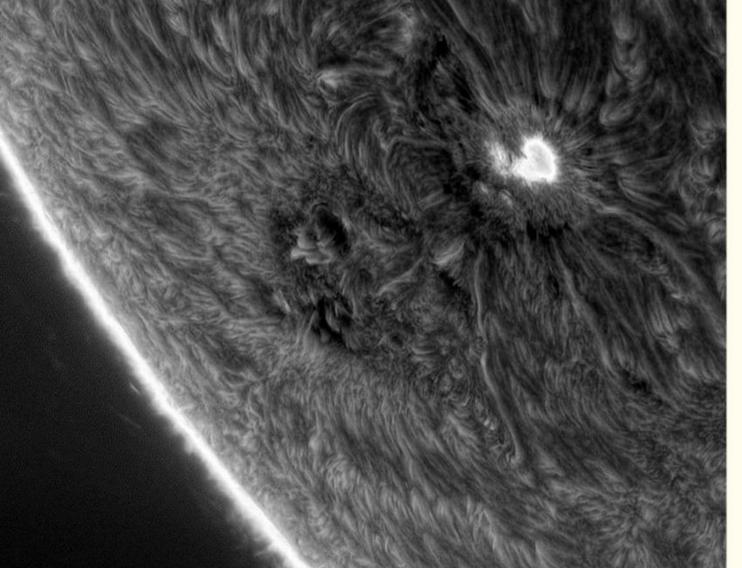
The contenders for the world's largest astrophotography competition have been chosen. The winners will be announced at an online ceremony on 16 September. Following the ceremony, a selection of the winning and shortlisted images will be displayed at an exhibition at the National Maritime Museum, London, from 18 September.











1. Lunar halo

by Göran Strand
This lunar halo was
taken in a temperature
of -16°C. This optical
phenomenon forms
when moonlight is
refracted by ice crystals
hanging in the
atmosphere.

2. The tumult of the Sun

by Hassan Hatami
This image was created from data collected by NASA's Solar Dynamics Observatory. It shows the tumultuous currents that churn around the Sun's surface.

3. Alien throne

by Marcin Zajac
Locals living in the
Badlands of New Mexico
refer to rock spires as
hoodoos, their
otherworldly shape is
formed from layers of
soft and hard rock that
have eroded over time.
This particularly ornate

example is photographed with the Milky Way in the background.

4. Iceland vortex

by Larryn Rae
The aurora borealis is shown here in a 250° panoramic shot. The ghostly lights are formed by charged particles emanating from solar winds that get trapped in the Earth's magnetic field.

5. Sunspot looking out into space

by Siu Fone Tang
Although the exact
details of sunspot
formation are not well
understood, they
coincide with areas on
the Sun's surface with
an increased magnetic
field. These suppress
the release of heat,
making them thousands
of degrees cooler than
the surrounding area.