

TECHNOLOGY
Blink-Triggered
Contact Lens Camera

SUSTAINABILITY
Off-The-Grid
Sustainable : Mobile

QUANTUM
Just as we were beginning
to understand it...

VAST

1,234 NEW
PLANETS
ADDED TO
EXOPLANET
CATALOGUES



1,284 NEW PLANETS

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THERE'S ANOTHER 1,327 ON THE WAITING LIST

ANDROMEDA GALAXY
A SPIRAL GALAXY
APPROX. 780 KILOPARSECS
(2.5 MILLION LIGHT-YEARS) FROM EARTH.



Amazing New Technology!

Contact Lens Camera
Takes pictures in the blink of an eye... literally.

After sifting through the data from the Kepler space telescope, scientists have announced the largest-ever batch of new planets. 1,284 new planets will be joining the more than 1,000 exoplanets that Kepler had already discovered.

Between 2009 and 2013, the telescope stared up at a patch

of stars in the sky, waiting for the star's light to dim, indicating a planet was passing between the star and the telescope. The problem was that other objects, such as companion stars, could also create similar dips. So scientists on the ground had to sift through Kepler's

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reams of data and follow up on each planet candidate using different telescopes to make sure they weren't planetary imposters. 1,284 new planets will be joining the more than 1,000 exoplanets that Kepler had already discovered.

That process was slow, but today the Kepler team announced a new way to make the process faster and easier. The method, which they used to confirm today's batch of 1,284 exoplanets, uses a statistical method to calculate the probability that any given candidate is a real planet. The method is said to be 99 percent accurate.

Astrophysics
Astronomers say they have spotted evidence that a split-second after the Big Bang, the newly formed universe ballooned out at a pace so astonishing that it left behind ripples in the fabric of the cosmos.
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"Planet candidates can be thought of like bread crumbs," said Timothy Morton, who developed the technique, during a press conference. "If you drop a few large crumbs on the floor, you can pick them up one by one. But, if you spill a whole bag of tiny crumbs, you're going to need a broom. This statistical analysis is our broom." ■