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## Big Island telescopes find most distant galaxy

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### MAUNA KEA, Hawaii -

As team of astronomers used the Subaru and Keck Telescopes at Mauna Kea on the Big Island to discover the most distant galaxy ever found, according to the Subaru Telescope website.

The galaxy is called SXDF-NB1006-2 and it has a distance of 12.91 billion light years from Earth.

The team was led by Takatoshi Shibuya from the Graduate University for Advanced Studies in Japan, Dr. Nobunari Kashikawa from the National Astronomical Observatory of Japan, Dr. Kazuaki Ota from Kyoto University, and Dr. Masanori Iye from the National Astronomical Observatory in Japan.

The galaxy is slightly farther away than GN-108036, which was discovered last year using the Subaru Telescope and was the most distant galaxy found at the time.

This find helps scientists to understand the nature of the early universe during the "cosmic dawn," when the light of ancient celestial objects and structures appeared from obscurity.

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