

SN UDS10Wil

SN UDS10Wil (**SN Wilson**)^[2] is a type Ia supernova, and as of April 2013, the farthest known.^[3] It has a redshift of 1.914, which strongly implies that it exploded when the universe was about a third of its current size. It was discovered with the Hubble Space Telescope's Wide Field Camera 3.^[1] The nickname SN Wilson is after the American President Woodrow Wilson.^[4]

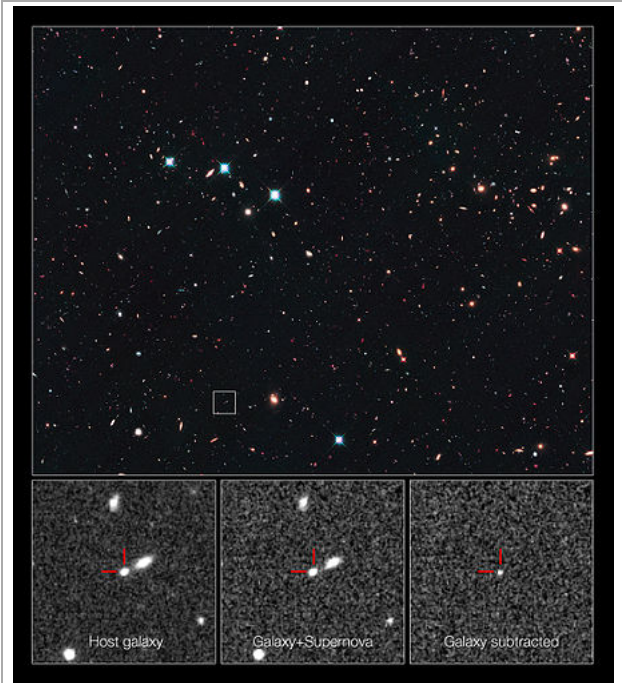
See also

- List of most distant supernovae
- List of the most distant astronomical objects


Further reading

- David O. Jones; Steven A. Rodney; Adam G. Riess; Bahram Mobasher; Tomas Dahlen; Curtis McCully; Teddy F. Frederiksen; Stefano Casertano; Jens Hjorth; Charles R. Keeton; Anton Koekemoer; Louis-Gregory Strolger; Tommy G. Wiklind; Peter Challis; Or Graur; Brian Hayden; Brandon Patel; Benjamin J. Weiner; Alexei V. Filippenko; Peter Garnavich; Saurabh W. Jha; Robert P. Kirshner; Henry C. Ferguson; Norman A. Grogin; Dale Kocevski (2 April 2013). "The Discovery of the Most Distant Known Type Ia Supernova at Redshift 1.914". *The Astrophysical Journal* (published May 2013). **768** (2): 166. arXiv:1304.0768 (https://arxiv.org/abs/1304.0768). Bibcode:2013ApJ...768..166J (https://ui.adsabs.harvard.edu/abs/2013ApJ...768..166J). doi:10.1088/0004-637X/768/2/166 (https://doi.org/10.1088%2F0004-637X%2F768%2F2%2F166). S2CID 118890248 (https://api.semanticscholar.org/CorpusID:118890248). 166.

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Record-breaking supernova SN UDS10Wil in the CANDELS Ultra Deep Survey^[1]

Other designations	SN <u>UDS10Wil</u> , <u>SN Wilson</u>
Spectral class	<u>Ia</u>
Distance	16,600,000,000 <u>light-years</u> (5,100 <u>Mpc</u>)
Redshift	1.914
 Related media on Wikimedia Commons	

References

- "Hubble breaks record for furthest supernova | Press Releases | ESA/Hubble" (http://www.spacetelescope.org/news/heic1306/). Spacetelescope.org. 2013-04-04. Retrieved 2013-04-08.
- Jason Major (5 April 2013). "Hubble Spots the Most Distant Supernova Ever" (http://news.discovery.com/space/galaxies/hubble-spots-the-most-distant-supernova-ever-130405.htm). Discovery Channel.
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- "Hubble Breaks Record in Search for Farthest Supernova" (https://www.nasa.gov/mission_pages/hubble/science/sn-wilson.html). *Hubble Space Telescope*. 2013-04-04.

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