

Cosmology/Astrophysics News

Two galaxy gravitational lens

November 2024 for Rose City Astronomers SIG

<http://101iq.com/RCA>

Science – November 1, 2024

- No cosmology/astrophysics news this issue

Nature – November 7, 2024

- Mysterious radio bursts are from massive galaxies
 - <https://www.nature.com/articles/d41586-024-03465-4>
 - <https://www.nature.com/articles/s41586-024-08074-9>

Science – November 8, 2024

- JWST's keen eye reveals the smallest possible stars
 - <https://www.science.org/content/article/astronomers-may-have-spotted-smallest-possible-stars>
- DART could produce meteors on Earth
 - <https://iopscience.iop.org/article/10.3847/PSJ/ad6b0f>

Nature – November 14, 2024

- A show of force? Crystal test of quantum gravity
 - <https://www.nature.com/articles/d41586-024-03573-1>
- Accelerated formation of ultra-massive galaxies in the first billion years
 - <https://www.nature.com/articles/s41586-024-08094-5>
- The black hole low-mass X-ray binary V404 Cygni is part of a wide triple
 - <https://www.nature.com/articles/s41586-024-08120-6>

Science – November 15, 2024

- Galaxies make compound lens
 - <https://www.science.org/content/article/first-known-double-gravitational-lens-could-shed-light-universe-s-expansion>

Nature – November 21, 2024

- Voyager 2 caught Uranus on a bad magnetosphere day
 - <https://www.nature.com/articles/s41550-024-02389-3>
- Mobile phones map ionosphere to improve GPS
 - <https://www.nature.com/articles/d41586-024-03725-3>
 - <https://www.nature.com/articles/s41586-024-08072-x>
- A giant planet transiting a 3-Myr protostar with a misaligned disk
 - <https://www.nature.com/articles/s41586-024-08123-3>

Science – November 22, 2024

- Two reviews of books that celebrate the discoveries made by two major space telescopes
 - <https://www.science.org/doi/abs/10.1126/science.ads5253>

Nature – November 28, 2024

- No cosmology/astrophysics news this issue

Science – November 29, 2024

- No cosmology/astrophysics news this issue

Miscellaneous

- I will post this monthly news possibly with zero or more videos and links to watch, as for example, these:
 - <https://www.youtube.com/watch?v=2T9y769WGvE>
 - <https://www.youtube.com/watch?v=iPsRdfog6b8>
 - <https://www.youtube.com/watch?v=SEvs4zgVr0E>
 - <https://www.youtube.com/watch?v=5IE4jD1WhG4>