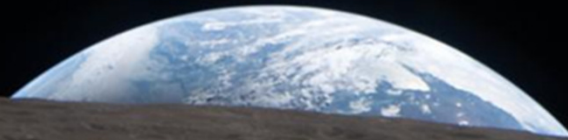


# Cosmology/Astrophysics News

Endoplanet rise



April 2026 for Rose City Astronomers SIG

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

# Nature – April 2, 2026

- No cosmology/astrophysics this issue

# Science – April 2, 2026

- Stellar explosions seemingly replayed as gravity bends their light could resolve a dispute over the speed of the expanding universe

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# Nature – April 9, 2026

- A solar system is born around WISPIT 2
  - <https://www.nature.com/articles/d41586-026-01002-z>
- Artemis II mission sends humans to the moon
  - <https://www.nature.com/articles/d41586-026-00978-y>

# Science – April 9, 2026

- Mars mission aims for nuclear propulsion – on a tight deadline
  - <https://www.science.org/content/article/history-and-mystery-surround-nasa-s-2028-nuclear-mars-mission>

# Nature – April 16, 2026

- First photos from Artemis II include stunning “Earthset”
  - <https://www.nature.com/articles/d41586-026-01118-2>

# Science – April 16, 2026

- Gas-depleted planet formation occurred in the four-planet system around the red dwarf LHS1903
  - <https://www.science.org/doi/10.1126/science.adl2348>
- Determination of the Solar System contribution to the soft x-ray sky
  - <https://www.science.org/doi/10.1126/science.adt9147>

# Nature – April 23, 2026

- We can't see Venus for dust: Planet's haze explained
  - <https://doi.org/hbw33p>
- Rapid cooling shaped the earliest meteorites
  - <https://www.nature.com/articles/d41586-026-01046-1>
- Evidence of the pair-instability gap from black-hole masses
  - <https://www.nature.com/articles/s41586-026-10359-0>
- Identifying the topographic signature of early Martian oceans
  - <https://www.nature.com/articles/s41586-026-10381-2>
- Non-equilibrium condensation of the first Solar System solids
  - <https://www.nature.com/articles/s41586-026-10257-5>

# Science – April 23, 2026

- New map of universe guides dark energy search
  - <https://www.science.org/content/article/astronomers-complete-largest-3d-map-universe-ever-made>
- Oldest individual stars constrain age of universe and Hubble constant
  - <https://doi.org/10.1051/0004-6361/202557038>

# Nature – April 30, 2026

- Exotic particles that could finally break the Standard Model
  - <https://www.nature.com/articles/d41586-026-01387-x>
- Cosmic-ray detection heralds era of mega-observatories for neutrinos
  - <https://www.nature.com/articles/d41586-026-01282-5>
- Why cosmology is more than a theory
  - <https://www.nature.com/articles/d41586-026-01303-3>

# Science – April 30, 2026

- Bizarre Hawking radiation may smooth the jagged hearts of black holes
  - <https://www.science.org/content/article/bizarre-hawking-radiation-may-smooth-jagged-hearts-black-holes>
- Noise reduction in astronomical images
  - <https://doi.org/10.1126/science.ady9404>

# 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=jtO3N9ufmvQ>
  - <https://www.youtube.com/watch?v=dxScOFy37hY>
  - <https://www.youtube.com/watch?v=zaJRfVRe-Vg>
  - <https://www.youtube.com/watch?v=Pd9P7CibbHc>
  - <https://arstechnica.com/science/2026/04/desi-completes-its-3d-map-of-universe-right-on-schedule/>