

Cosmology/Astrophysics News

M33 – Triangulum Galaxy
photo taken by Dan Gray

August 2020 for Rose City Astronomers SIG

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

Nature – August 6, 2020

- NASA launches the most ambitious Mars rover ever
 - <https://www.nature.com/articles/d41586-020-02257-w>
- A measurement of the equation of state of carbon envelopes of white dwarfs
 - <https://www.nature.com/articles/s41586-020-2535-y>
- Small lightning flashes from shallow electrical storms on Jupiter
 - <https://www.nature.com/articles/s41586-020-2532-1>
- Astronomy takes to the cloud (computing)
 - <https://www.nature.com/articles/d41586-020-02284-7>

Science – August 7, 2020

- Global maps of the magnetic field in the solar corona
 - <https://science.sciencemag.org/content/369/6504/694.abstract>

Nature – August 13, 2020

- Book review “The end of Everything” by Katie Mack
 - <https://www.nature.com/articles/d41586-020-02338-w>
- A dynamically cold disk galaxy in the early Universe
 - <https://www.nature.com/articles/s41586-020-2572-6>

Science – August 14, 2020

- Astronomers spy a Milky Way–like galaxy in very early universe
 - <https://www.sciencemag.org/news/2020/08/astronomers-spy-milky-way-galaxy-very-early-universe>
- Another book review about the end of the universe:
 - <https://science.sciencemag.org/content/369/6505/778/tab-article-info>

Nature – August 20, 2020

- Cold gas in the Milky Way's nuclear wind
 - <https://www.nature.com/articles/s41586-020-2595-z>

Science – August 21, 2020

- No cosmology/astrophysics news this issue

Nature – August 27, 2020

- A measure of the size of the magnetospheric accretion region in TW Hydrae
 - <https://www.nature.com/articles/s41586-020-2613-1>

Science – August 28, 2020

- The origins of water
 - <https://science.sciencemag.org/content/369/6507/1058>

Miscellaneous

- Next in-person meeting will be when pandemic is over. Please stay safe!
- In the meantime, I will post this monthly news possibly with a video to watch, as for example, this:
 - Photographing exoplanets
 - <https://www.youtube.com/watch?v=NQFqDKRROI>