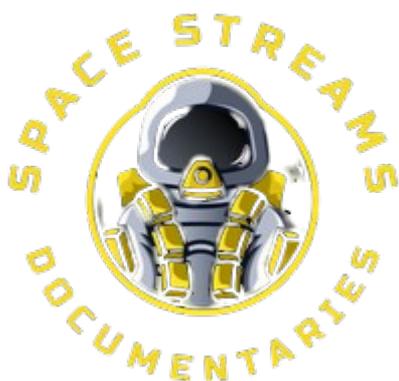


## Space Chat Podcast 20th March, 2026 Topics



### Topics:

- **This Isn't Just Another Rocky World Orbiting a Red Dwarf. This One's Special**

Astronomers have found an exoplanet that could serve as a benchmark in future studies. It's a rocky planet orbiting an M-type star, and though these planets are plentiful, this one could serve as a benchmark for understanding other M-dwarf exoplanets and their atmospheres.

<https://www.universetoday.com/articles/this-isnt-just-another-rocky-world-orbiting-a-red-dwarf-this-ones-special>

- **Only A Supercomputer Can Understand the Extremely Energetic Chaos of a Neutron Star Merger**

Neutron stars are the remnants of supernova explosions. They're known for their extreme density, and it's often said and written that a teaspoon of neutron star weighs as much as the combined weight of all of Earth's approximately 8 billion human beings. The only thing denser than a neutron star is a black hole.

<https://www.universetoday.com/articles/only-a-supercomputer-can-understand-the-extremely-energetic-chaos-of-a-neutron-star-merger>

- **The Most Energetic Ghost Particle Ever Seen**

The elliptical galaxy M87 emitting a relativistic jet. When the jet points at Earth it is classed as a blazar and it is these that are thought to have generated some of the most energetic particle yet. (Credit : NASA and The Hubble Heritage Team)

<https://www.universetoday.com/articles/the-most-energetic-ghost-particle-ever-seen>