

“1.5 billion cosmic objects dazzle in the largest infrared Milky Way map ever created”



Astronomers from the European Southern Observatory (ESO) have released the most detailed infrared map of the Milky Way galaxy ever compiled. Completed after more than 13 years of monitoring using the ESO's Visible and Infrared Survey Telescope for Astronomy (VISTA) at the group's Paranal Observatory in Chile, the project adds up to 500 terabytes of data containing over 1.5 billion cosmic objects. Taken as a whole, the mapping is the largest survey of its kind to employ an ESO telescope.

[Click here to read the full article.](#)

“NASA’s Chandra Observatory Uncovers Galaxy Cluster with Crossed Streams of Superheated Gas”



Astronomers using NASA’s Chandra X-ray Observatory have made a groundbreaking discovery in the galaxy cluster known as Zwicky 8338 (Z8338).

Located about **670 million light-years** from Earth, this cluster contains two distinct streams of **superheated gas** crossing each other—a rare and complex phenomenon that sheds light on how galaxy clusters evolve. This unusual event provides crucial insights into the dynamics of galaxy clusters, offering a window into the interactions between galaxies and the surrounding hot gas, which is critical for understanding galaxy formation and evolution on a larger cosmic scale.

[Read the full article here.](#)

“We May Already Be Touching The Andromeda Galaxy, Scientists Find”



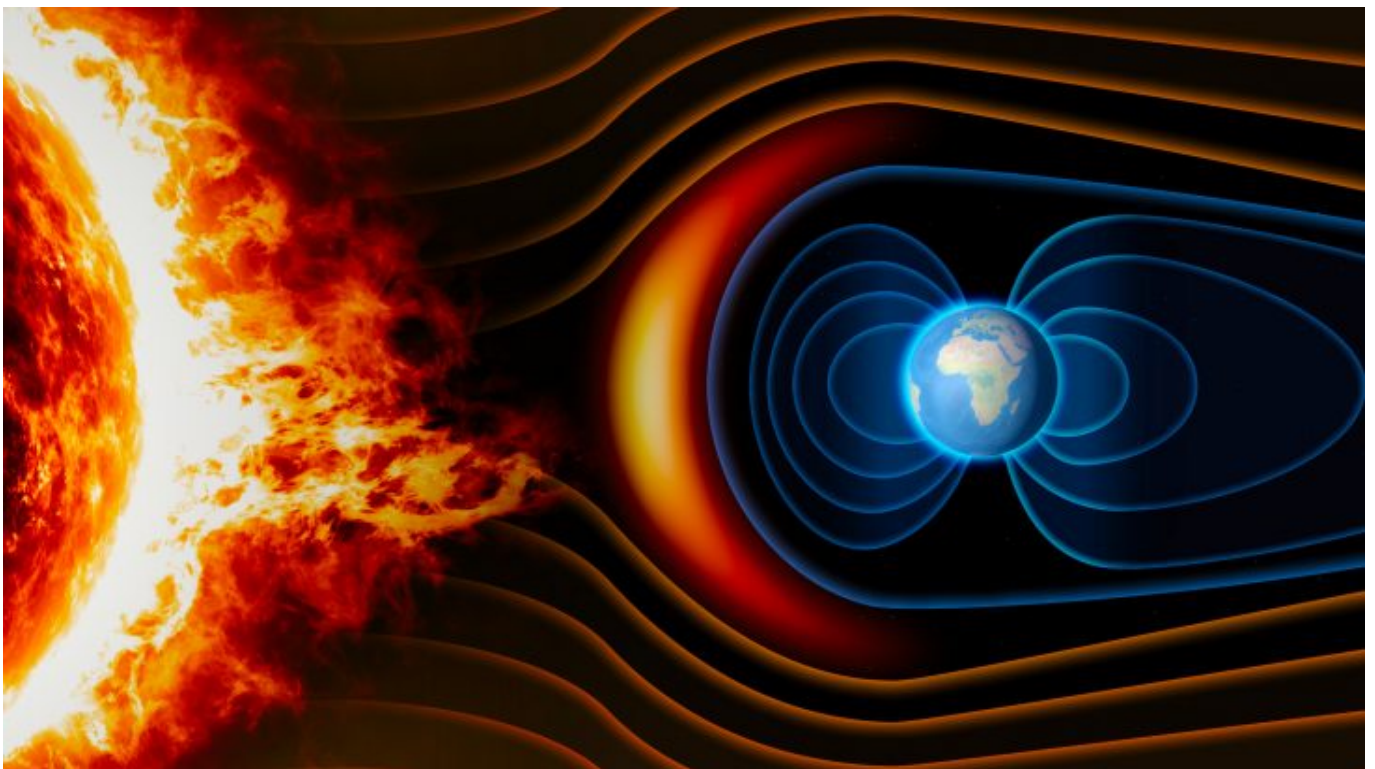
Like blazing campfires on cold winter nights, galaxies are

surrounded by a smoke of gas and dust that blows into the shadows. This thin pall of material is known as the circumgalactic medium, a halo so vast it contains some 70 percent of the galaxy's visible mass.

In spite of its dominating presence across the Universe, little is known about the medium's typical structure, making it difficult to discern where the edge of one cosmic campfire stops and the next begins.

[Click here to read the full article.](#)

“Sun Probes see fast solar wind getting a magnetic shove”



- **The solar wind is a continuous flow of charged particles** from the sun. There are two types of solar wind: slow and fast. Fast solar wind affects magnetic storming and radio blackouts on Earth. This “wind” permeates our solar system.
- **Magnetic interactions create fast solar wind.** This mechanism – announced by scientists on August 29, 2024 – takes place in the sun’s outer atmosphere, or corona.
- **Magnetic field fluctuations push particles away,** accelerating and heating the solar wind.

[Click here to read the full article.](#)

“What if the Universe is Conscious?”



Gene Savoy, Sr. taught that the universe is conscious. While I couldn't find any quotes specifically saying that, here are a few that hint at it:

"What God gives He can take away from disobedient children who believe themselves to be above the orderly law of the universe."

"And the change shall occur within the flesh of man, within the framework of his form; for all men are miniature suns and stars systems connected to the greater suns and stars of the universe."

If the universe has "orderly law, " it implies some level of consciousness. Likewise, if humans are "miniature suns and stars," it says that the human brain is similar to the universe.

Note: This video contains embedded advertising which we do not

necessarily agree with.

[Click here to view the video.](#)

“Meditation And Mindfulness Have a Dark Side That We Don’t Talk About”



Cosolargy teaches that meditation, as it is generally understood and practiced today, is not good for spiritual development. Here are some quotes on the subject from the lectures given by Gene Savoy, Sr.:

“One of the main things to learn is that in this School, we do not practice techniques regarding the sun with our eyes closed. We do not advocate nor do we practice meditation in the traditional or modern sense of the word. Even if you want

to contemplate the Light in a darkened room, your eyes should be open. If you are circulating the Light, you will get more effects if you do it with your eyes open. The point is to be focused and direct and have a specific intention and not to let your mind wander.”

“So, I mean, who wants to fool around with that kind of power? I don’t. Who needs it? I don’t want to explode light bombs over people’s heads and go into trances. Now that made me very leery and wary of meditation. People don’t have the foggiest idea what they are doing in meditation. When you go into that state, you are leaving yourself wide open. What you do with your meditation, what you do in the future with the information that I give you is entirely up to you. I will not tell you what to do. I will only tell you whether you have got light or not and whether you can work in The Community or not. I can tell that. I will not dictate to you. You have to do your own thing within the rules of The Community. So anyway, I decided that I was going to break this tremendous pulling on me. And I had or there would be these ghouls or whatever you want to call them that would appear to me with evil looking faces and serene faces and hundreds of them. And they were after me.”

Now modern science is starting to agree with him to some degree, as in this article:

Meditation And Mindfulness Have a Dark Side That We Don’t Talk About

Since mindfulness is something you can practice at home for free, it often sounds like the perfect tonic for stress and mental health issues.

Mindfulness is a type of Buddhist-based meditation in which you focus on being aware of what you’re sensing, thinking, and feeling in the present moment.

The first recorded evidence for this, found in India, is over

1,500 years old. The Dharmatrāta Meditation Scripture, written by a community of Buddhists, describes various practices and includes reports of symptoms of depression and anxiety that can occur after meditation.

It also details cognitive anomalies associated with episodes of psychosis, dissociation, and depersonalisation (when people feel the world is “unreal”).

[Read the entire article here.](#)

**“What’s a globular cluster?
The Milky Way has about 150”**



- **Globular clusters contain the most ancient stars** in our Milky Way. They are huge, symmetrical groups of stars that are packed closely together in space.
- **They look like round fuzzy balls** when seen through telescopes.
- **Stars in globular clusters probably formed first**, as our galaxy was forming.

A globular cluster contains old stars

Globular clusters are tightly packed, symmetrical collections of stars. They orbit mostly in the extended [stellar](#) halos surrounding most spiral galaxies.

[Click here to read the full article.](#)

Link contributed by gene Savoy, jr.

“Black Holes Might Not Be Quite as ‘Simple’ as We Thought, New Paper Suggests”



Black holes are engines of chaos, bleeding radiation across the cosmos as they shovel the smeared guts of dead stars into their bottomless stomachs. But when it comes down to it, even the biggest of black holes appear to be relatively simple beasts.

Unlike every other star, planet, and rock in the Universe, everything you need to know about a quiet, solitary black hole can be written under three dot points: mass, angular momentum, and charge – at least, according to the

metaphorically-named ‘no-hair theorem’.

[Click here to read the full article.](#)

“Bubble-Like ‘Stars Within Stars’ Could Explain Black Hole Weirdness”



Once hypothetical monsters born in a tangled nest of Einstein’s general theory of relativity, black holes are now recognized as bona fide celestial objects as real as stars, moons, and galaxies.

But make no mistake. Their engines are still as mysterious as they were when the German theoretical physicist Karl Schwarzschild first played with Einstein’s field equations and came to the conclusion that space and time could pucker up

into pits of no return.

Goethe University Frankfurt physicists Daniel Jampolski and Luciano Rezzolla have gone back to step one in an attempt to make better sense of the equations that describe black holes and have come away with a solution that's easier to picture, if no less bizarre.

[Click here to read the full article](#)

“Scientists Discovered Something Kinda Alarming: The Universe Shouldn't Actually Exist”



- The universe is permeated by a field known as the Higgs field, which gives everything its mass.
- But the Higgs field isn't entirely stable, and if it were to "bubble," it would change reality to such a degree that everything in that "bubble" would cease to exist.
- A team of scientists has now argued that the existence of primordial black holes should have triggered the "bubbling" of the Higgs field to such a degree that nothing should have ever been able to form.

[Click here to read the complete article](#)