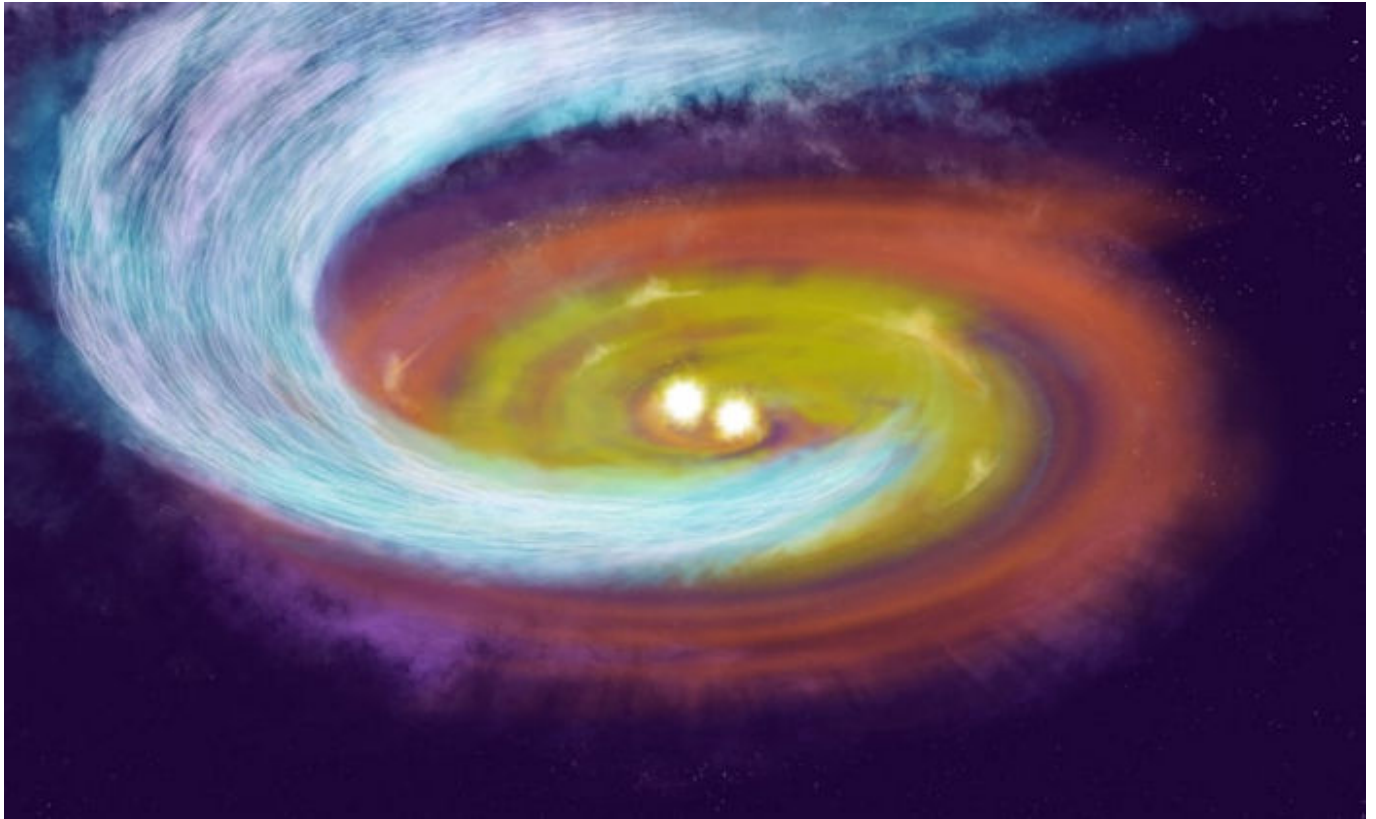


“Magnetic Forces Funnel Gas And Dust Into Young Stars”



Star formation has a lot of complex physics that feed into it. Classical models used something equivalent to a “collapse” of a cloud of gas by gravity, with a star being birthed in the middle. More modern understandings show a feature called a “streamer”, which funnels gas and dust to proto-stars from the surrounding disc of material. But our understanding of those streamers is still in its early stages, like the stars they are forming.

[Click here to read the article](#)

**“Universe’s expansion is
slowing down, says
astounding new study”**



- **The universe's expansion has already begun to slow**, says a new study from Yonsei University. This challenges the long-held belief that the universe is rapidly accelerating due to dark energy.
- **Researchers found that Type Ia supernovas** – used to measure cosmic expansion – are affected by the age of their progenitor stars. So previous evidence for acceleration may be faulty.

[Click here to read the article](#)

“This Radio Color Image Is A New Way To Explore The Milky Way”



© Silvia Mantovanini & the GLEAM-X Team

Nature's like a photographer's canvas backdrop, lit up by the different types of electromagnetic radiation. Gamma radiation is the most powerful, strong enough to rip your double helix in two. Radio waves are at the low end. They're generally safe, and are almost omnipresent; we live in a sea of radio waves.

While much of the radio waves we're exposed to here on the surface of the Earth come from our own technology—AM/FM radios, WiFi, GPS signals and the like—there are also natural sources.

[Click here to read the article](#)

Even Spiritual People have to Deal with the Misfortunes of Material Life



“Perils and misfortunes, struggle, disappointment and pain are more or less the certain lot of every man. Therefore, it is meet that every man be fortified with courage and fortitude, that he may bear with appropriate resolution his allotted share of the burden of mankind.

“ As the ass plods along, laboring under its burden and suffering heat and thirst through the dangers of the burning sands of the wilderness, and falters not, so must the courage and fortitude of man sustain

him through the dangers of life, which beset his way.

“The timid man listens to the cry of his body; his limbs tremble, and his stomach turns to water. His littleness of heart has no place for courage and audacity.

“The courageous man is one of God’s men. He listens to his heart; his face is bold and his blow sure. His fierce countenance and audacious plans overwhelm his adversary. His opponent passes into his

possession; his wife walks abroad with confidence and sleeps

soundly.

“The courageous man is never the slave of change and chance. His pleasures and contentment do not depend on the whims of fickle fortune; her smiles and frowns alike leave him unmoved, for he is alert and prepared to take on whatever comes his way.”

-The Kolbrin Bible(MPR:21:1-5)

Perils and Misfortunes

Perils, misfortunes, pain and disease, hunger, and death are all part of life in the physical world, and even the most spiritual people can't avoid them. Being spiritual can help to some degree, but none of us can avoid the misfortunes entirely. There are techniques we can use to get the Light of the Sun to help us heal when we are injured or sick, but we do get injured and sick.

Fortified with Courage

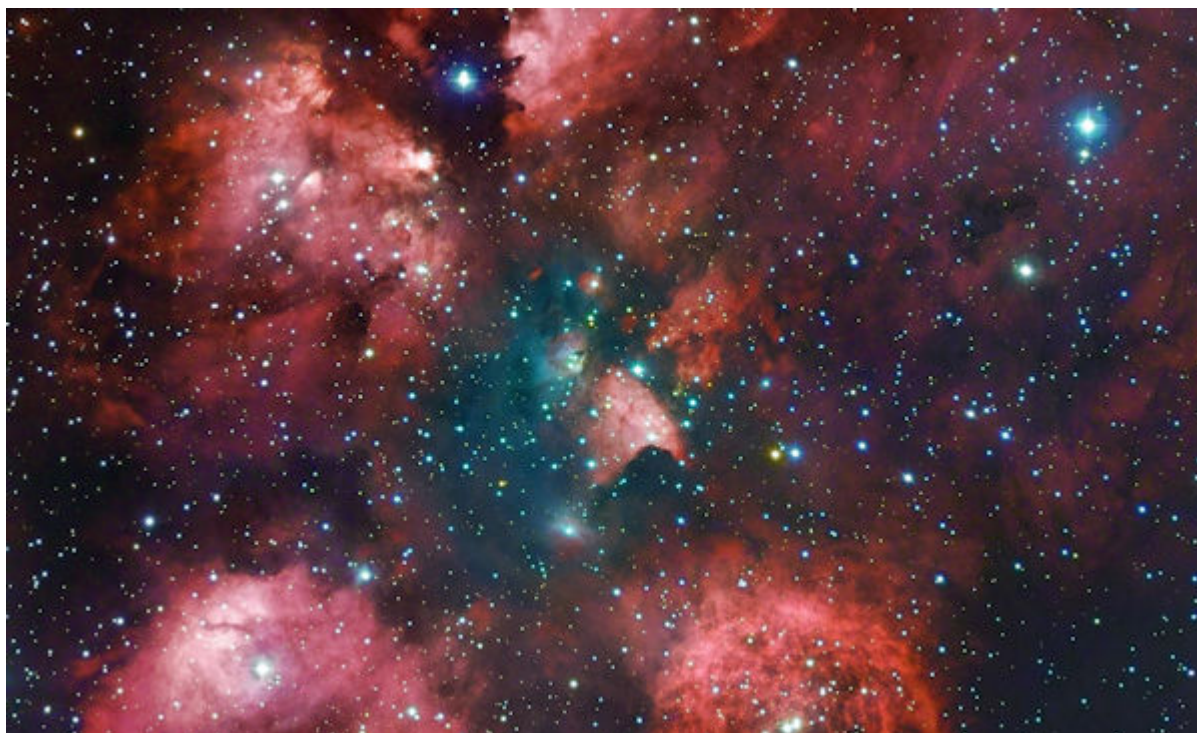
Just like others, we spiritual people do need to be fortified with courage so we can deal with those perils and misfortunes of life. In addition, we need courage and fortitude to help us deal with the attacks we face from the forces and beings of Darkness. That is one reason why it is good to belong to a spiritual community rather than being on our own. When we have weak moments when our courage fails us, the other members of the community can help keep us on the right path.

The Timid and the Courageous

It is true that the timid or weak person will easily give in to the demands of the physical body. They will baby themselves when sick, avoid working when tired, etc. As the quote says, even the ass plods along under a heavy load, even in the hot sand. While that may be an exaggeration, it makes the point that only the give easily give up in the face of adversity.

The courageous person does not give in readily, and those are the people God wants to be His Chosen. Being Chosen doesn't mean you get to cruise through this life and the afterlife. The Chosen need to work hard to help bring about the changes God wants in the world and the entire universe of matter. What's more, is that great prophets have said that before we get to the Golden Age of Light on earth, we must go through a period of great darkness. It is somewhat like having to turn over rocks to reveal the slimy creatures dwelling under them so that the Light of the Sun can burn them up. That doesn't mean that great numbers of people must die. It means that they will gradually have the evil "burned" out of them by the sun, until they awaken to their true Self. But during the time of Darkness, there will be some who die, that cannot be avoided. That is another misfortune we spiritual people will have to deal with.

"Dark Matter Could Color Our View of the Universe"



Dark matter has two central properties: it has mass like regular matter, and unlike regular matter, it reacts weakly or not at all with light. Neutrinos satisfy these two criteria, but neutrinos move through space at nearly the speed of light, making them a form of hot dark matter. The observations we have suggest that dark matter is cold. There also aren't enough neutrinos to account for all of dark matter, so we know dark matter isn't made of neutrinos. No other known particle meets the criteria, so we have no idea what dark matter might be made of. Cue the theoretical physicists.

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

“Xrism catches a Pulsars Cosmic Wind and sees a Surprising Result”



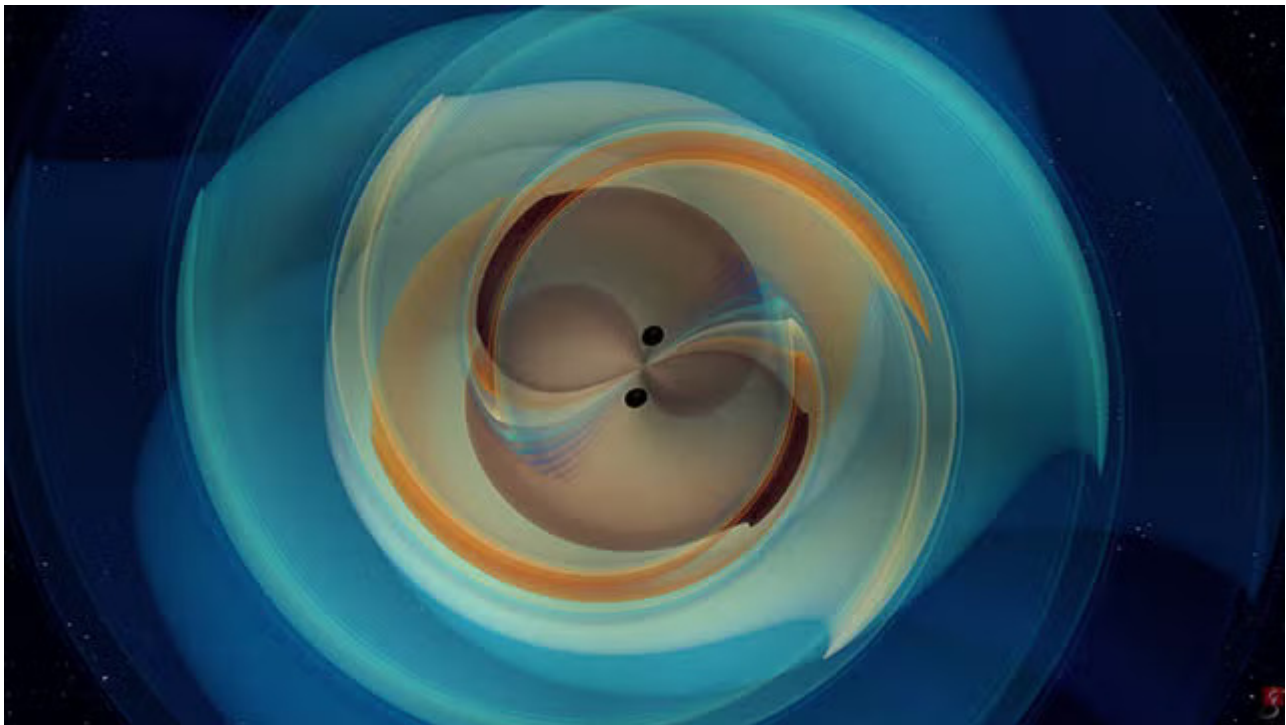
The Universe is a strange place. The X-ray Imaging and Spectroscopy Mission (XRISM) orbiting observatory recently highlighted this fact, when it was turned on a pulsar to document its powerful cosmic winds.

The XRISM observatory is a joint mission for NASA, the European Space Agency (ESA), and the Japan Aerospace Exploration Agency (JAXA). The mission was also a replacement for the ill-fated Hitomi X-ray observatory, which failed

shortly after launch in 2016.

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

“A wormhole from another universe? Scientists revisit the puzzling black hole GW190521”



In May 2019, astronomers picked up something strange in the fabric of spacetime. The LIGO and Virgo detectors recorded a

gravitational wave that lasted just one-tenth of a second. The signal, known as GW190521, was unusual straight away because it didn't look like the normal "chirps" usually produced when two black holes orbit one another before colliding. Instead, it sounded like a cosmic crack.

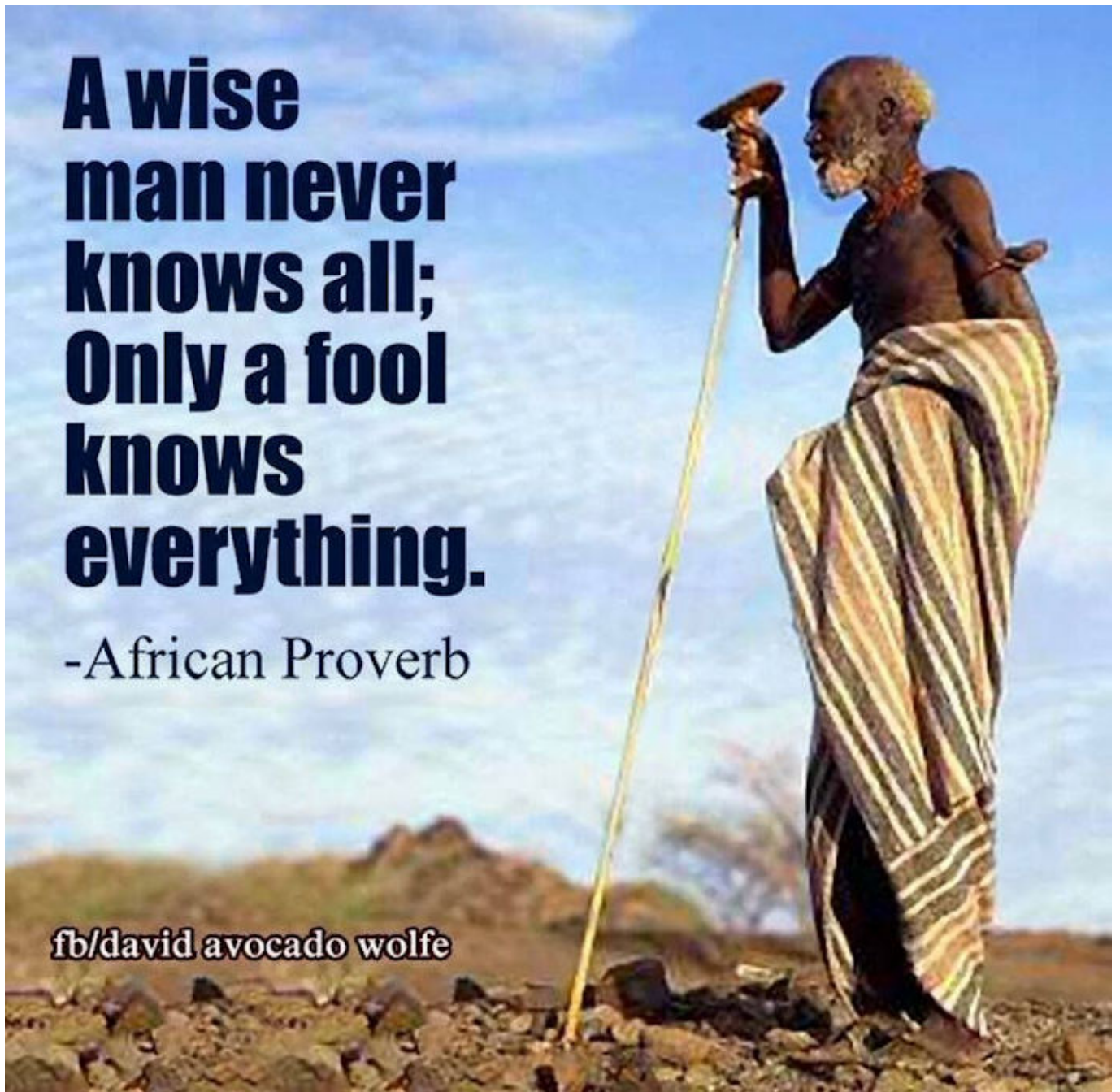
[Click here to read the article.](#)

The Wise Man Has Doubts, The Fool Never Does

**A wise
man never
knows all;
Only a fool
knows
everything.**

-African Proverb

fb/david avocado wolfe



"The wise man is less presumptuous than the fool. He has many doubts and changes his mind, for as wisdom grows, knowledge alters."

"The fool fixes his mind in obstinacy; he is stubborn, and doubt does not disturb his placidity. He knows all things, except his own ignorance. The wise man is aware of his imperfections and continually strives for improvement. The fool forever counts his own small talents and is content. He boasts of his achievements in things which are of no account."

“Thistledown floats on water for all to see, but a gemstone sinks below the surface. So does the fool shout his abilities to the wind, while a wise man keeps them hidden within himself. The goose brings forth its egg while at rest, and the tail of the peacock is displayed while it stands still. The deep, still pool holds the biggest fish, and the resting cow gives the most milk. So it is with the quiet man, who within himself, produces a fountain of strength at which lesser men drink and find refreshment and courage.

“The heart of a fool flutters at a vain hope, but the wise man puts it behind him. Fools snap at one another, but wise men agree in peace.

“Let reason rule all your desires, and let not your hopes reach out beyond the limits of probability. Thus, the chances of success bear down in your favor in the scales of fate, and your heart will not be burdened with disappointment.”

-The Kolbrin Bible (MPR:20:15-19)

Changes His Mind

When a wise man or woman is presented with new information about something they thought they knew, they are willing to listen and change their mind when appropriate. They do have to consider the source of the information. If the source is unreliable, then so is the information.

Obstinate Fool

The fool, on the other hand, stubbornly sticks to his beliefs no matter how much evidence there is to the contrary. He also does not consider the source of the information, and accepts statements from dubious sources.

Imperfections

The wise person is aware that they are not perfect (nobody

is), so they strive for improvement. More significantly, the wise person seeks improvement in their spiritual Self, not just the physical. The fool rarely seeks improvement, and when they do, it is in physical matters that are far less important than spiritual growth.

Floats on Water

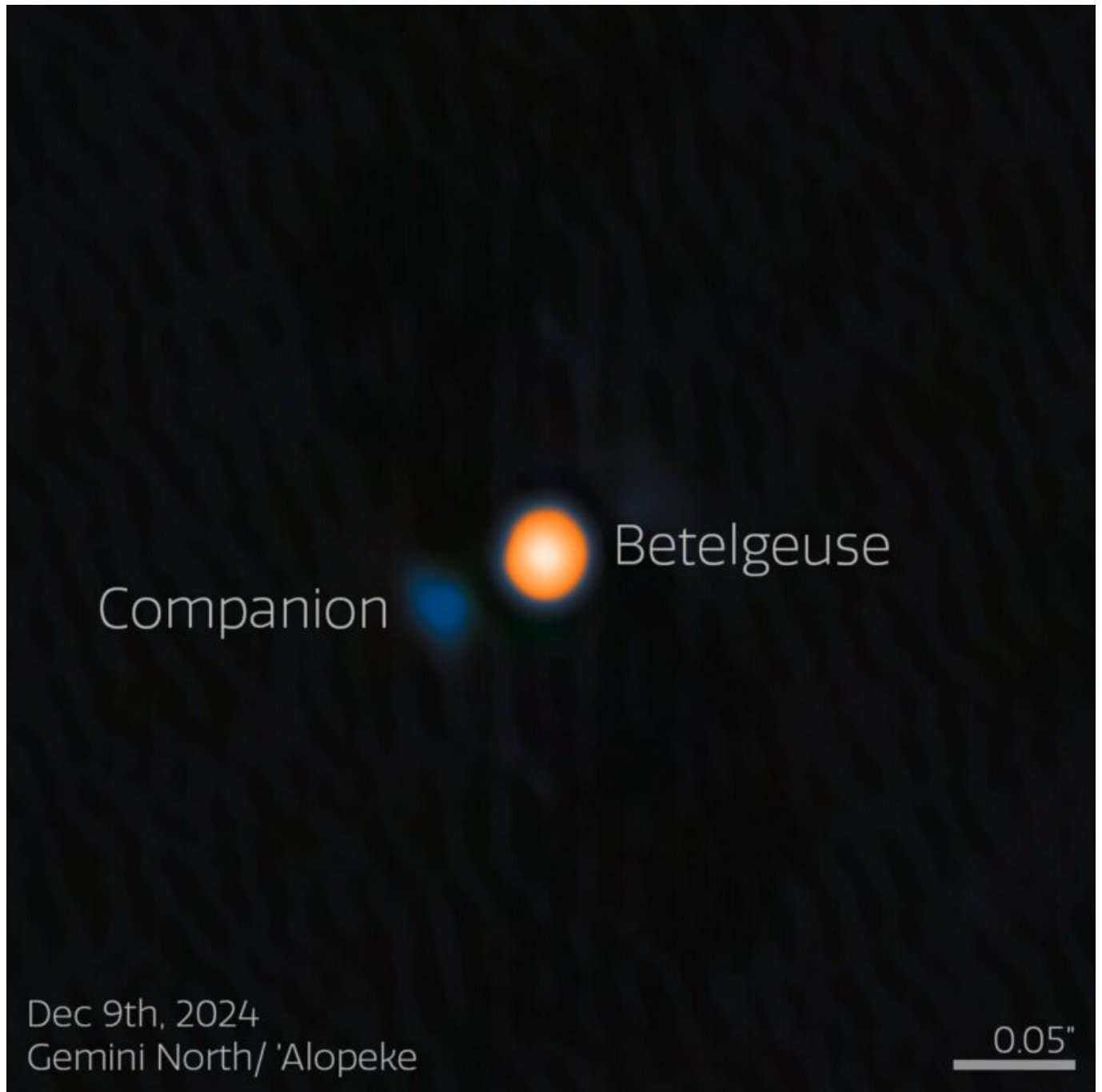
The fool loves to brag about his abilities, even if they are not great and are not truly things that matter. The quote compares that to a thistle floating on water. The gemstone, which represents the wise person, sinks. That is saying that the wise person doesn't brag about his abilities, he simply does what he knows how to do and continues to learn how to do more.

Live in Peace

Wise people live together in peace. Even if other people speak a different language, practice a different religion, or have a different skin color. The wise person knows such things are superficial and should not be used as excuses to hate others. The foolish people look for anything that makes others different, and uses those things to hate them, refuse to help them, or even start wars with them. God never wanted people to hate each other. He wants all of us to live together in peace. The wise people strive to live according to God's Law, the fool makes up his own laws to live by.

“New details about

Betelgeuse's companion star"



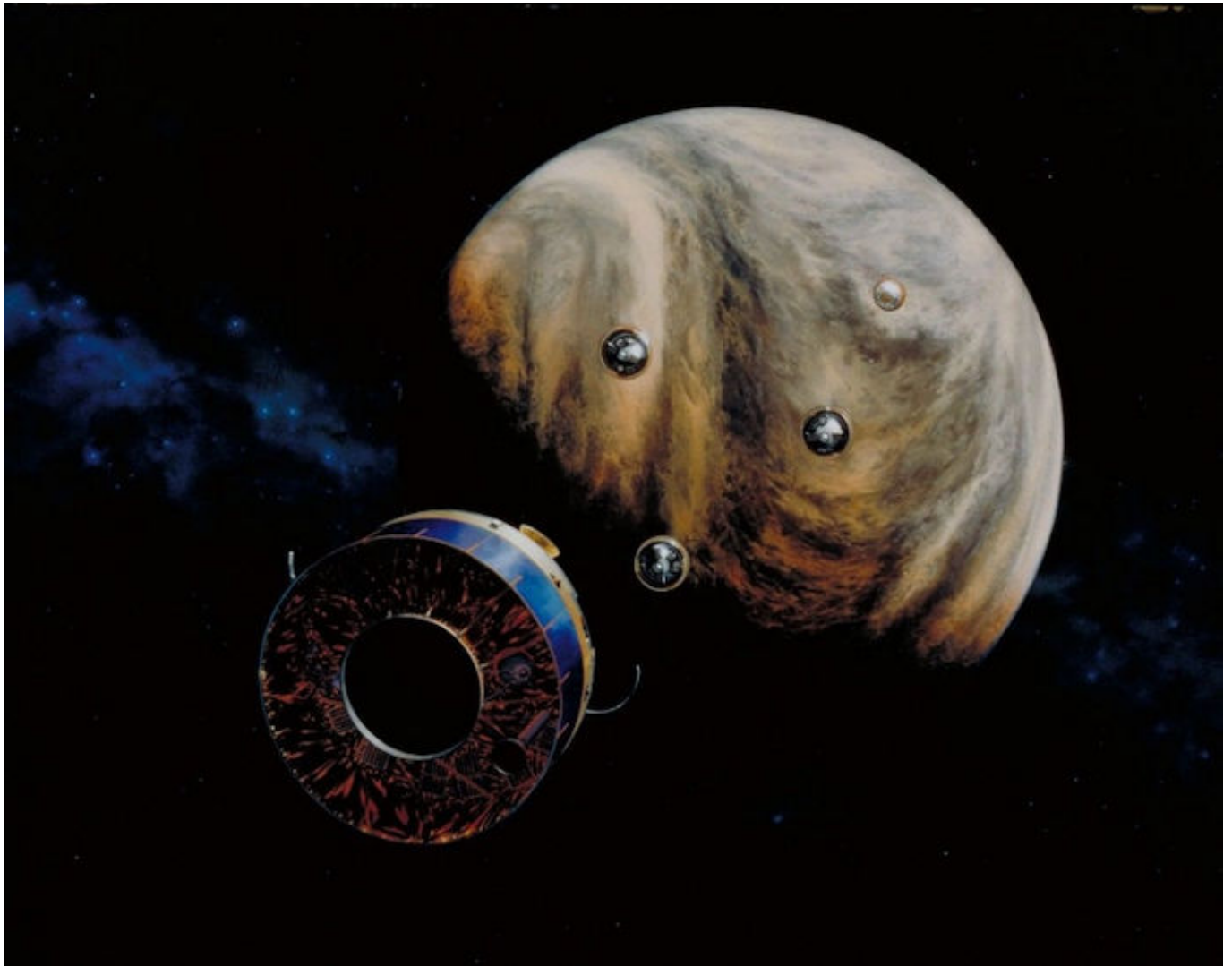
Betelgeuse is a famous bright red star in the constellation Orion the Hunter. It's famous in part because it will one day *explode*. Late last year, scientists announced Betelgeuse

likely has a companion, which has since been confirmed and nicknamed *Betelbuddy*.

On Wednesday, researchers from Carnegie Mellon University said their observations show the companion star is not what they expected.

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

“New study says water in Venus’ clouds surprisingly abundant”



- **Venus' clouds contain droplets that are highly acidic.** Scientists thought they were mostly sulfuric acid with some water. But is that true?
- **A new analysis of data from the Pioneer Venus 2 mission** in 1978 shows the droplets have less sulfuric acid and much more water than previous estimates, along with oxidized iron.
- **Venus' clouds could therefore be potentially more habitable** for microbes than scientists have long thought.

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