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SCIENCE

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TECHNOLOGY

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*"Person Holding Laboratory Flask" by Chokniti Khongchum is licensed under CC.
"Blue, Orange, And White Abstract Painting" by Steve Johnson is licensed under CC.
"Robot Pointing on a Wall" by Tara Winstead is licensed under CC.
"Kick Chess Piece Standing" by George Becker is licensed under CC.*

SCIENCE

Dark, dusty heart: Hubble captures swirls of dust in the flame Nebula.

(November 3, 2022)

The Flame Nebula, also known as NGC 2024, is a large star-forming region in the constellation Orion that is located approximately 1,400 light-years from Earth. It's a portion of the Orion Molecular Cloud Complex, which also includes such famous nebulae as the Horsehead Nebula and Orion Nebula. Researchers have used Hubble to measure the mass of stars in the cluster as they search for brown dwarfs, a type of dim object that's too hot and massive to be classified as a planet but also too small and cool to shine like a star.

Read more at:

<https://scitechdaily.com/dark-dusty-heart-hubble-captures-swirls-of-dust-in-the-flame-nebula/>

First glimpse into the inner depths of an active galaxy provided by ghostly neutrino particles.

(November 4, 2022)



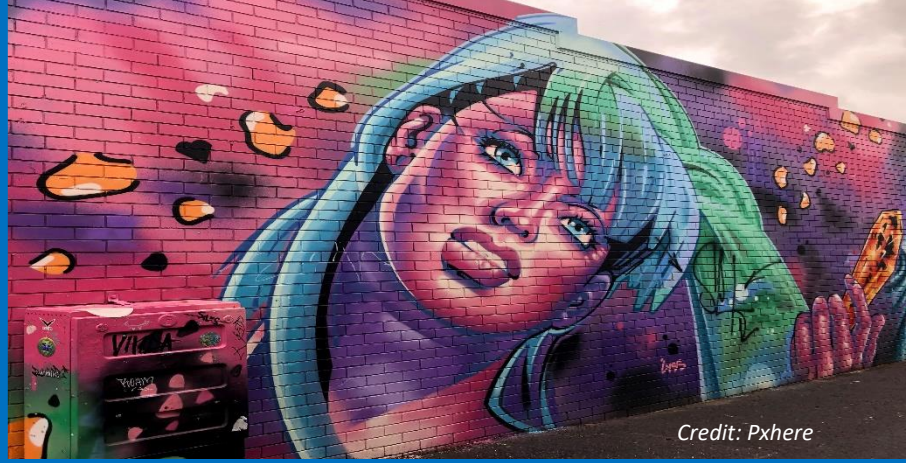
*Credit: NASA / ESA /
A. van der Hoeven*

Evidence of high-energy neutrino emission from the galaxy NGC 1068 has been found by an international team of scientists for the first time. First spotted in 1780, NGC 1068, also known as Messier 77, is an active galaxy in the constellation Cetus and one of the most familiar and well-studied galaxies to date. Located 47 million light-years away from us, this galaxy can be observed with large binoculars. The detection was made at the IceCube Neutrino Observatory.

Read more at:

<https://scitechdaily.com/first-glimpse-into-the-inner-depths-of-an-active-galaxy-provided-by-ghostly-neutrino-particles/>

ARTS



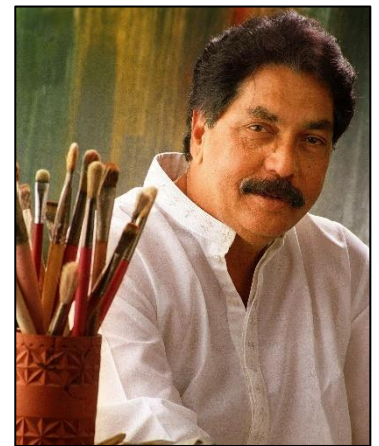
The definitive Yusuf Arakkal collection goes on display in Bengaluru.

(November 4, 2022)

Bengaluru's NGMA is exhibiting an extensive collection of the works of the late artist Yusuf Arakkal. The exhibition is not only a homage to Yusuf's body of work, but is also Sara's life story as well as his. For this exhibition, the first since his passing in 2016, Sara has put together close to 200 pieces of his work spanning 45 years. Honouring his legacy, a catalogue of Yusuf's works will be released mid-November and will be on sale at NGMA with Faces of Creativity, a collection of his pen-and-ink sketches of personalities he admired.

Read more at:

<https://www.thehindu.com/entertainment/art/the-definitive-yusuf-arakkal-collection-goes-on-display-in-bengaluru/article66045102.ece>



Credit: The Hindu

Aftersun and Blue Jean lead British independent film awards nominations.

(November 4, 2022)

The father-daughter drama Aftersun has emerged as a leading contender at this year's British independent film awards (Bifas). Charlotte Wells's film has been nominated in 16 categories, while the 80s-set homophobia drama Blue Jean and Sebastián Lelio's period tale The Wonder are up for 12 and 13 awards respectively. Both films scored Bifa nominations for best British independent film, best director (for Wells and Oakley) and best debut director.

Read more at:

<https://www.theguardian.com/film/2022/nov/04/aftersun-blue-jean-british-independent-film-awards-the-wonder>

TECHNOLOGY

Credit: Pxhere

China launches 3rd and final space station component.

(November 1, 2022)

China's third and final module docked with its permanent space station Tuesday to further a more than decade-long effort to maintain a constant crewed presence in orbit, as its competition with the U.S. grows increasingly fierce. The Mengtian module arrived at the Tiangong station early Tuesday morning, state broadcaster CCTV said, citing the China Manned Space agency. Mengtian was blasted into space on Monday afternoon from the Wenchang Satellite Launch Center on the southern island province of Hainan.



Credit: Hu Zhixuan/Xinhua via AP

Read more at:

<https://indianexpress.com/article/technology/science/china-space-station-launch-20221101/>

Twitter staff say layoffs have started after Elon Musk takeover.

(November 4, 2022)

Twitter staff have started to post online that they believe they have lost their jobs, ahead of an announcement by the company later on Friday. The social media giant says it will inform its staff whether they are still employed after Elon Musk's takeover. Employees are tweeting using the hashtag #LoveWhereYouWorked and a saluting emoji to say they are leaving. Yash Agarwal, who worked in public policy, said it was "the greatest privilege ever" to work for Twitter.

Read more at:

<https://www.bbc.com/news/technology-63495125>

SPORTS



Credit: Pxhere

ISL 2022: Chennaiyin FC seal 1-0 win against East Bengal FC.

(November 4, 2022)

Chennaiyin FC beat East Bengal 1-0 to notch up their second win over the same opponents this season in the Indian Super League. Vafa Hakhamaneshi scored the only goal of the match in the 69th minute, not long before he was sent off. Both sides finished with ten men as East Bengal's Sarthak Golui was also sent off in the 75th minute. Chennaiyin FC made just one change, with Debjit Majumder returning in goal after serving his suspension.



Credit: ISL

Read more at:

<https://indianexpress.com/article/sports/football/isl-2022-chennaiyin-fc-seal-1-0-win-against-east-bengal-fc-8250455/>

New Zealand first team to seal T20 World Cup semifinal spot.

(November 4, 2022)

New Zealand on Friday became the first team to book a semifinal berth in the T20 World Cup after Australia were restricted to 168/8 by Afghanistan in a crucial game. After New Zealand beat Ireland by 35 runs in their final super 12 group, defending champions Australia needed to win against Afghanistan by an improbable 185 runs to overtake the net run rate of their Trans-Tasman rivals.

Read more at:

<https://indianexpress.com/article/sports/cricket/new-zealand-first-team-to-seal-t20wc-semifinal-spot-8249721/>

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