



# Department of Library and Information Science

**ARTS**



**SPORTS**

# BERCHLY

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# ARTS

## Ukrainian Artists Star in New Documentary

Wednesday, August 21, 2024

The film is about Ukrainians on the frontlines; not the soldiers, mind you, but the artists who are standing firm on their homeland against the ash and rubble,” the [Guardian](#) writes. They are painters and singers, hosting exhibits and shows, despite the constant gunfire and shelling that inevitably becomes part of the art. They’re fighting to create and protect culture, and by extension their Ukrainian identity, as a response to Vladimir Putin’s repeated insistence that they have none.



<https://www.artnews.com/art-news/news/seventh-banksy-mural-spotted-in-london-british-museum-broke-law-says-internal-review-nazi-artifacts-stolen-and-more-morning-links-for-august-12-2024-1234714134/>

## Frieze Sculpture Returns to London

Wednesday, August 21, 2024

Frieze has announced the return of [Frieze Sculpture](#) to London’s Regent’s Park with a line-up of 22 historic and contemporary artists including Leonora Carrington, Theaster Gates, Zanele Muholi, Anna Boghiguiian, İnci Eviner, and Yoshitomo Nara. Curated by Fatoş Üstek, the expanded 2024 edition will feature 27 works, of which 18 are new, and a dynamic program of activations and tours. It will run from September 18 to October 27.

<https://www.artnews.com/art-news/news/seventh-banksy-mural-spotted-in-london-british-museum-broke-law-says-internal-review-nazi-artifacts-stolen-and-more-morning-links-for-august-12-2024-1234714134/>

# SPORTS

## Ankita Raina reaches quarterfinals in Spain

Thursday, August 22, 2024

beat Cadence Brace of Canada 6-4, 6-2 in the pre-quarterfinals of the \$25,000 ITF women's tennis tournament in Vigo, Spain, on Thursday.

In the \$867,750 ATP event in Winston-Salem, USA, Dhakshinewar Suresh, in partnership with Luca Pow of Britain, reached the doubles semifinals with a 6-1, 4-6, [10-8] victory over Gonzalo Escobar and Aleksandr Nedovyesov, who had knocked out the second seeds earlier.



<https://sportstar.thehindu.com/other-sports/indian-sports-news-results-scores-august-22-latest-updates-highlights/article68555331.ece>

## Chennai Pro Championship: Dhruv shoots 67 to emerge joint leader along with Manu

Thursday, August 22, 2024

shot a brilliant five-under 67 to grab a share of lead at the Chennai Pro Championship with an aggregate of 13-under 203 on Thursday.

[Manu Gandas](#) signed for a four-under 68 to stay in lead for the third day running at the TNGF Cosmo Golf Course.

Pune's Rohan Dhole Patil, the co-leader at the halfway stage, struck a 71 to end the day in third place at 10-under 206.

<https://sportstar.thehindu.com/other-sports/indian-sports-news-results-scores-august-22-latest-updates-highlights/article68555331.ece>

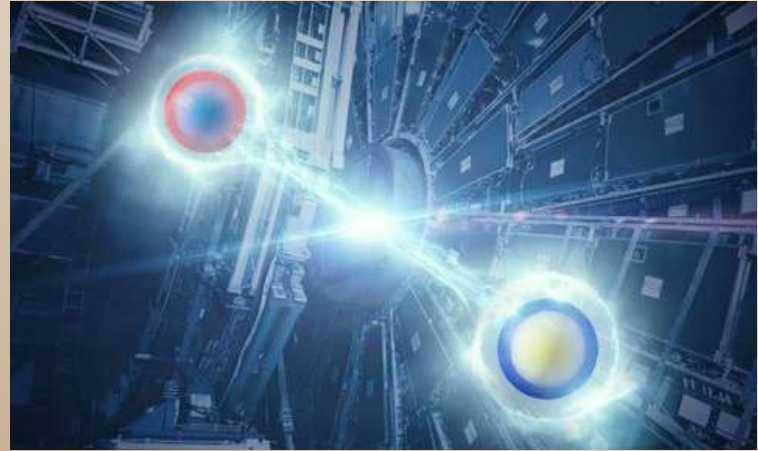
# SCIENCE

## Could we ever harness quantum vacuum energy?

Friday, August 23, 2024

The fabric of spacetime is roiling with vibrating quantum fields, known as vacuum energy. It's right there, everywhere we look. But could we ever get anything out of it?

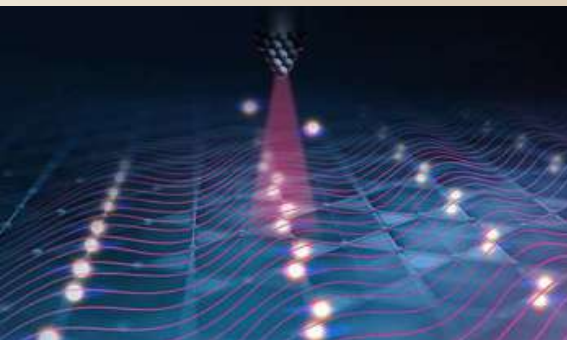
We can even calculate the strength of this vacuum energy. When we apply the rules of quantum mechanics to determine how much the fields vibrate in isolation, we get...infinity.



Read [more:https://phys.org/news/2024-08-harness-quantum-vacuum-energy.html](https://phys.org/news/2024-08-harness-quantum-vacuum-energy.html)

## Validation of superconductor theory: Cooper pairs display wave-like distribution in Kagome metals

Friday, August 23, 2024



A superconductivity theory proposed by a Würzburg physics team has been validated in an international experiment that showed Cooper pairs display wave-like distribution in Kagome metals. The finding will enable new technological applications such as superconducting diodes.

Read [more: https://phys.org/news/2024-08-validation-superconductor-theory-cooper-pairs.html](https://phys.org/news/2024-08-validation-superconductor-theory-cooper-pairs.html)

# TECHNOLOGY

## Researchers propose a smaller, more noise-tolerant quantum factoring circuit for cryptography

Friday, August 23, 2024

The most recent email you sent was likely encrypted using a tried-and-true method that relies on the idea that even the fastest computer would be unable to efficiently break a gigantic number into factors.

Quantum computers, on the other hand, promise to rapidly crack complex cryptographic systems that a classical computer might never be able to unravel. This promise is based on a quantum factoring algorithm proposed in 1994 by Peter Shor, who is now a professor at MIT.

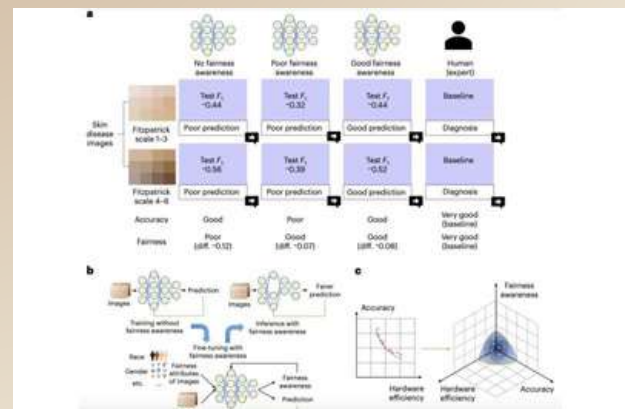


[Read more:https://techxplore.com/news/2024-08-smaller-noise-tolerant-quantum-factoring.html](https://techxplore.com/news/2024-08-smaller-noise-tolerant-quantum-factoring.html)

## How hardware contributes to the fairness of artificial neural networks

Friday, August 23, 2024

Over the past couple of decades, computer scientists have developed a wide range of deep neural networks (DNNs) designed to tackle various real-world tasks. While some of these models have proved to be highly effective, some studies found that they can be unfair, meaning that their performance may vary based on the data they were trained on and even the hardware platforms they were deployed on.



<https://techxplore.com/news/2024-08-hardware-contributes-fairness-artificial-neural.html>