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ARTS



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How digital archives in India are celebrating personal histories

Friday, June 14, 2024

There is a story behind everything. Digital archives in India are assisting personal stories to enter public discourse. By archiving unique entities such as houses, objects, tattoos and the oral word, they lend importance to the common people's history. Delhi Houses is an Instagram page archiving modern houses in Delhi. Curated by archaeologist-art historian Anica Mann, it preserves the organic way of living in Delhi and its architectural language, lest forgotten. From Greater Kailash to Kamla Nagar, houses with diverse stories have been documented.



Read more: <https://indianexpress.com/article/lifestyle/art-and-culture/how-digital-archives-in-india-are-celebrating-personal-histories-9392009/>

From Napoleon's loot to a bus station in London: The journey of Titian's painting, going under the hammer next month

Saturday, June 15, 2024

In 1809, Napoleon Bonaparte's troops had stolen this painting and taken to Paris. In 2002, this ended up at a bus station in London.

Painted by Italian Renaissance artist Titian, the 'Rest on the Flight into Egypt' has been a part of various private collections and is finally going under auction next month.

It was bought by the 4th Marquess of Bath and stolen in 1995 from his descendant's home in Longleat. The painting was bought by the Marquess from the same auction house where it shall be under the hammer next month.



Read more: <https://indianexpress.com/article/lifestyle/art-and-culture/titian-painting-going-under-hammer-next-month-9392229/>



World Junior Champion Divya Deshmukh: 'Was expected to crush the field... but I was focussed on quality of my chess'

Saturday, June 15, 2024



If you thought trying to take a flight with oversized sporting paraphernalia is something that chess players never have to deal with, think again. After Nagpur-based Divya Deshmukh won the girls title at the FIDE World Junior Chess Championship in Gujarat's Gandhinagar, her takeaway included a giant yet ornate trophy that measured over four feet in height (but thankfully weighed just around three or four kgs).

Readmore:

<https://indianexpress.com/article/sports/chess/divya-deshmukh-world-junior-champion-interview-9393379/>

IND-W vs SA-W: Smriti Mandhana records highest ODI score by Indian woman at home with 6th hundred

Sunday, June 16, 2024

India vice-captain Smriti Mandhana recorded the highest ODI score by an Indian woman at home after slamming her sixth ton against South Africa at the M. Chinnaswamy Stadium in Bengaluru on Sunday.

Opting to bat first in the opening ODI of the three-match series, Mandhana battled a top-order wobble as India were reduced to 99 for five. The left-hander reached her half-century in 61 balls and doubled up in 116 balls as India crossed the 200-run mark. Mandhana also crossed her



<https://indianexpress.com/article/sports/cricket/smriti-mandhana-6th-hundred-highest-odi-score-indian-home-7000-runs-records-9395931/>

Read more:

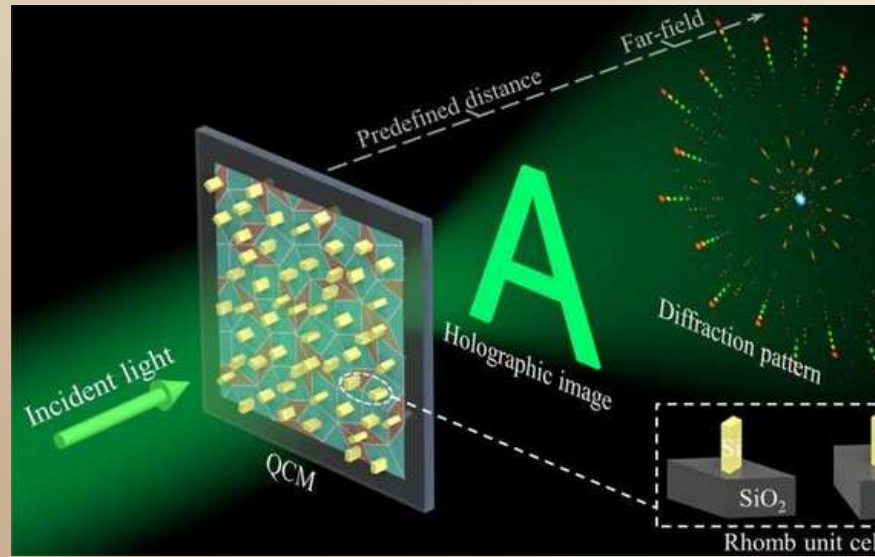
SCIENCE

Scientists find quasicrystal metasurface projects holographic images and light patterns simultaneously

Friday, June 14, 2024

Scientists have advanced metasurface technology by developing a new design that simultaneously projects holographic images and creates special diffraction patterns with ten-fold rotation symmetry of quasicrystal. This ultra-thin material merges the unique properties of quasicrystals with light manipulation techniques.

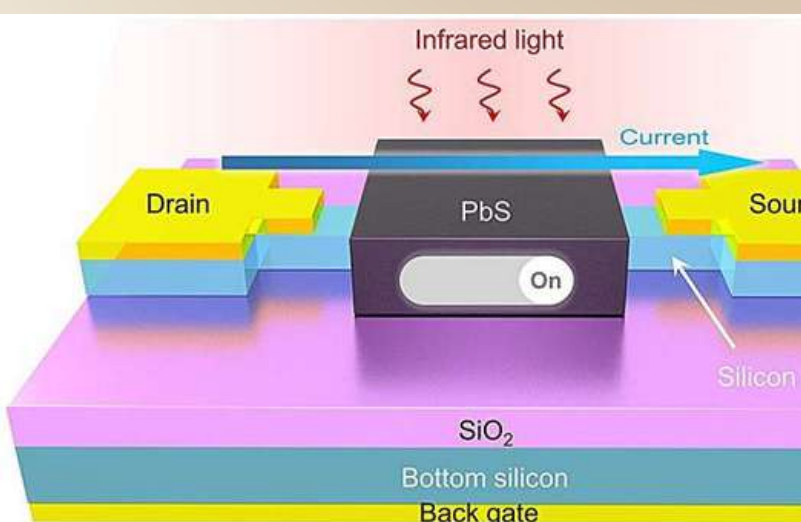
Metasurfaces, already known for their ability to bend light in unusual ways, hold promise for a new generation of ultra-thin devices in areas like holographic displays, light switching, and even advanced security features.



Read more: <https://phys.org/news/2024-06-scientists-quasicrystal-metasurface-holographic-images.html>

Research highlights potential of photo-driven fin field-effect transistors

Friday, June 14, 2024



Infrared detectors are the core components of infrared detection systems and play an important role in fields such as night vision, remote sensing, and health monitoring. In this context, the utilization of mature silicon technologies to develop miniaturized, highly integrated, and cost-effective infrared detectors becomes a key research direction. However, the intrinsic large bandgap of silicon prevents it from detecting infrared light with wavelengths beyond 1100 nm, which poses obstacles to the development of silicon-based infrared detection technology.

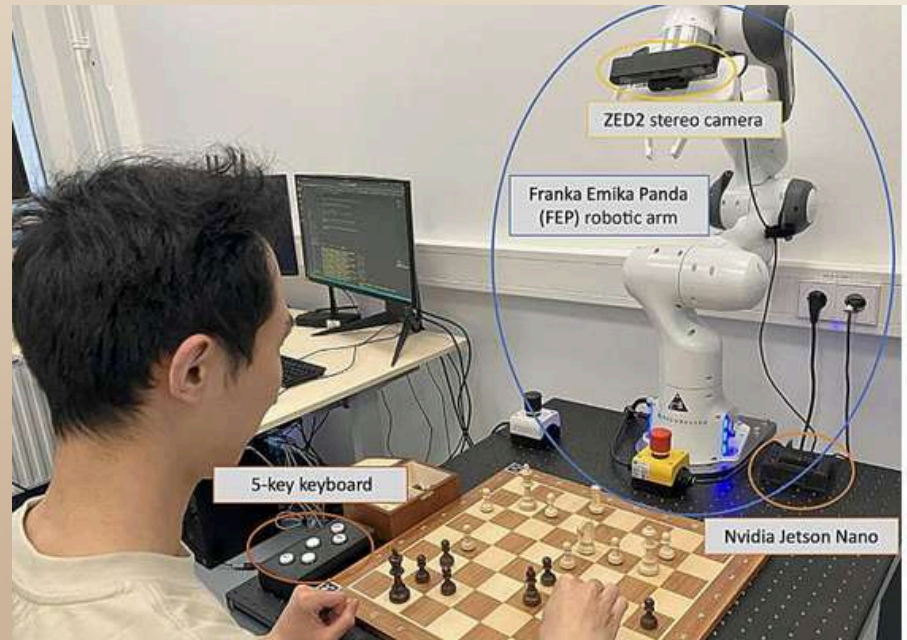
Read more: <https://phys.org/news/2024-06-highlights-potential-photo-driven-fin.html>

TECHNOLOGY

An open-source robotic system that can play chess with humans

Friday, June 14, 2024

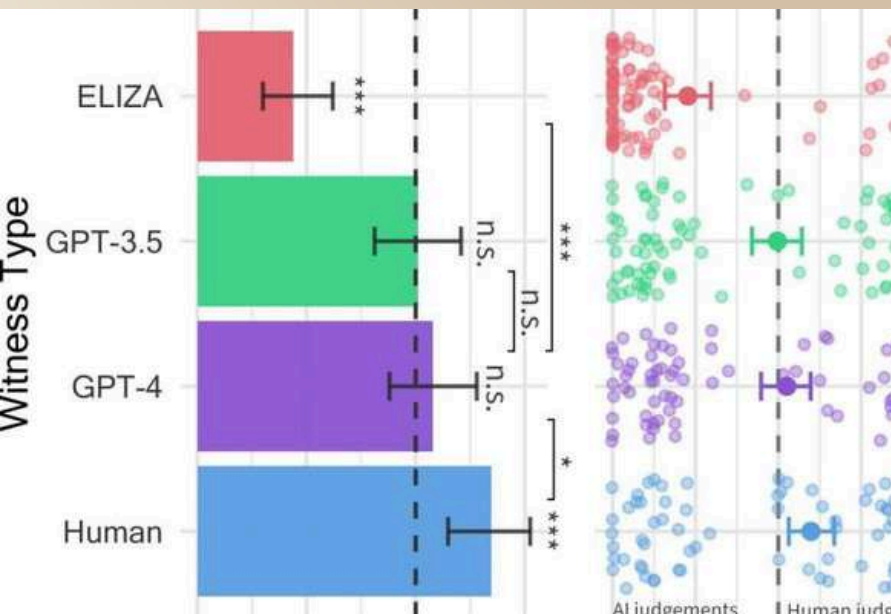
Artificial intelligence (AI) systems that can play games with humans have become increasingly advanced and have already been deployed by countless videogame developers worldwide. Most of these systems, however, are designed to compete against humans online, on digital platforms and in virtual environments, as opposed to physically in the real-world.)



Read more:<https://techxplore.com/news/2024-06-source-robotic-play-chess-humans.html>

People struggle to tell humans apart from ChatGPT in five-minute chat conversations, tests show

Sunday, June 16, 2024



Large language models (LLMs), such as the GPT-4 model underpinning the widely used conversational platform ChatGPT, have surprised users with their ability to understand written prompts and generate suitable responses in various languages. Some of us may thus wonder: are the texts and answers generated by these models so realistic that they could be mistaken for those written by humans?

Read more:<https://techxplore.com/news/2024-06-people-struggle-humans-chatgpt-minute.html>