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School of Computer Science and Application

Data Science Bytes

Weekly Data Bytes

- India, France review expanding canvas of bilateral cooperation in science, technology & space .India and France have reviewed the expanding canvas of bilateral cooperation in science, technology and space.
- Union Minister for Science and Technology Dr Jitendra Singh held a bilateral meeting virtually with French Minister for Higher Education, Research and Space Prof. Philippe Baptiste.
- Dr Singh highlighted that India-France engagement in science and space has evolved into a strong pillar of bilateral relations, contributing to both technological advancement and closer people-to-people connections.
- The Minister noted that the declaration of 2026 as the Indo-French Year of Innovation offers a significant opportunity to scale up collaboration in emerging areas.
- Talking about space cooperation, Dr Singh highlighted the long history of collaboration between Indian Space Research Organisation and National Centre for Space Studies, including joint satellite missions.



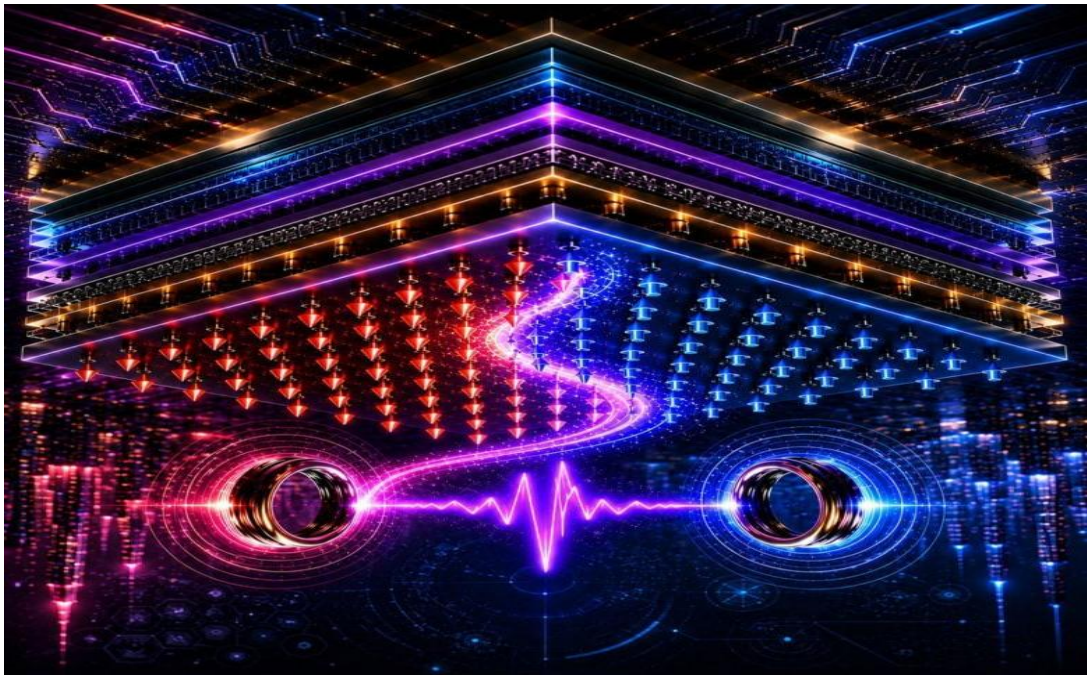


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New Technique Could Slash AI's Memory Energy Use by Thousands of Times



- Artificial intelligence is creating and processing data on an enormous scale. Searches, recommendations, generated images, scientific simulations, and large language models all depend on information that must be repeatedly stored, transferred, retrieved, and rewritten. Each operation consumes energy, and those costs multiply across the billions of devices and sprawling data centers that support the digital world.
- Researchers at the [University of Edinburgh](https://www.ed.ac.uk/) have now developed a mathematical framework designed to slash the energy required to write information in future magnetic memory. Rather than creating a new memory material, the approach changes how the magnetic state representing a digital bit is flipped.



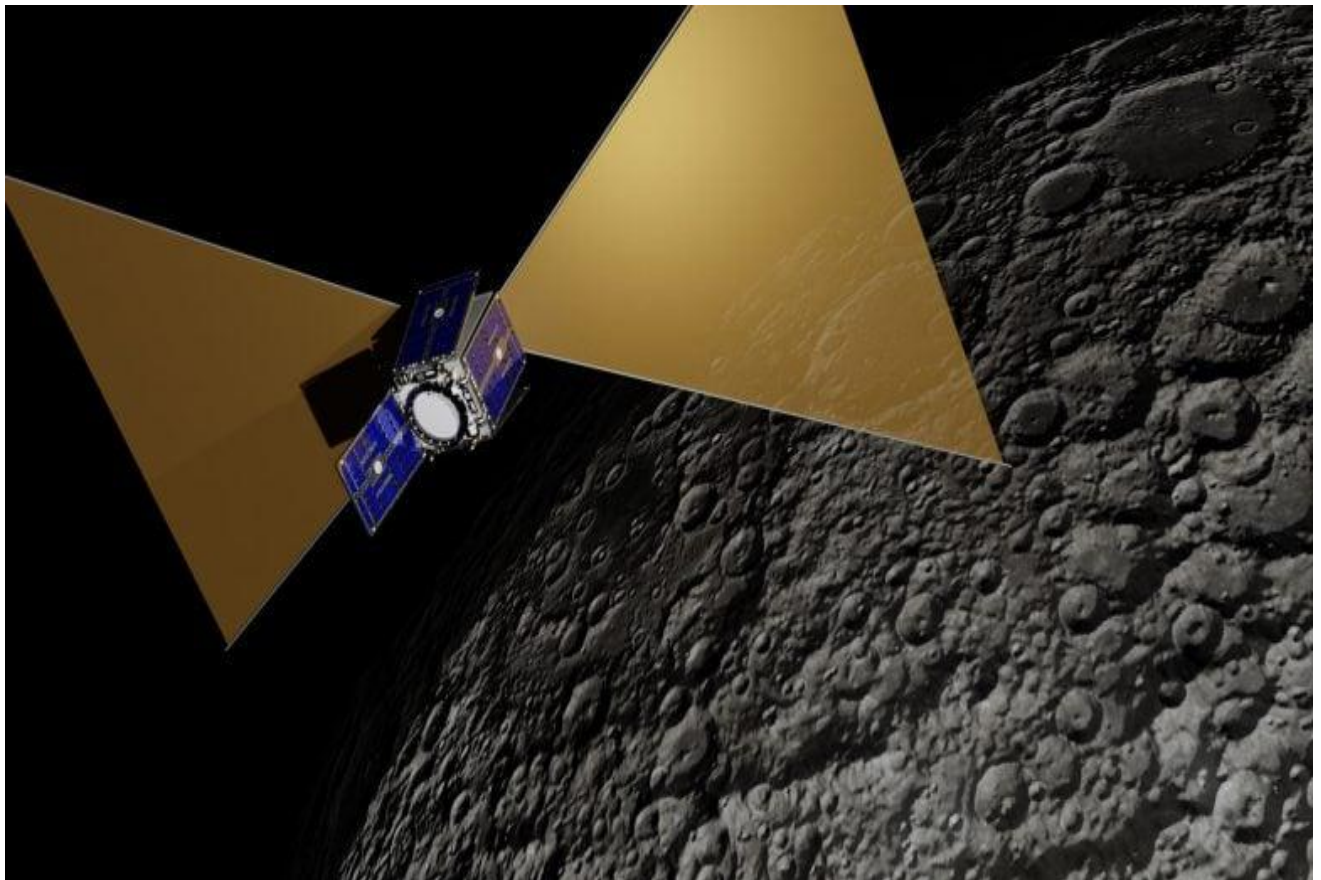
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This Suitcase-Sized Spacecraft Could Detect a Signal From Before Stars Existed

- A suitcase-sized satellite could use the Moon's far side to search for the first direct signal from the universe before stars existed.
- A satellite no bigger than a small carry-on suitcase could help investigate a period of cosmic history that has never been directly observed. Developed in the UK, CosmoCube is designed to search for evidence of what happened during roughly 150 million years of cosmic dark ages before the universe's first stars began to shine.



Source: <https://scitechdaily.com/this-suitcase-sized-spacecraft-could-detect-a-signal-from-before-stars-exis>



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Elon Musk courts India again for Starlink launch after approval snub, report says he has reapplied

- Elon Musk has been [talking about bringing Starlink](#), his satellite internet service, to India for some time now. While the project continues to face regulatory hurdles, Musk has now stated that Starlink can help cater to the least-served communities in India which may not have proper connectivity.



On X, the SpaceX CEO replied to a post on the need for Starlink in India. He wrote, “Starlink would help the least served in India, especially in rural areas.” The original post claimed that many villages in the country still did not have proper 4G connectivity. Internet subscriptions in rural areas are also fewer than in urban areas too, when it comes to density. In rural areas, the subscription density was 48.31 per 100 people, compared with 126.80 in urban India.

Source: <https://www.indiatoday.in/technology/news/story/elon-musk-courts-india-again-for-starlink-launch-after-approval-snub-report-says-he-has-reapplied-2976287-2026-08-21>

This AI company now has more robots than human workers



It has happened. After months of debate over AI and robots potentially taking over human jobs, one AI company claims to have more robots than human employees at one company – Figure AI. That is, Figure AI now employs fewer humans than robots, and seems to have no plans of slowing down.

On X, Figure AI CEO Brett Adcock announced this major change in his company's workforce with a graph. He wrote, "For the first time, robots now outnumber humans at Figure."