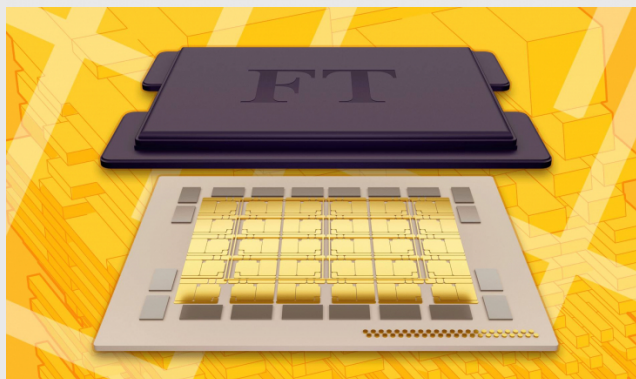




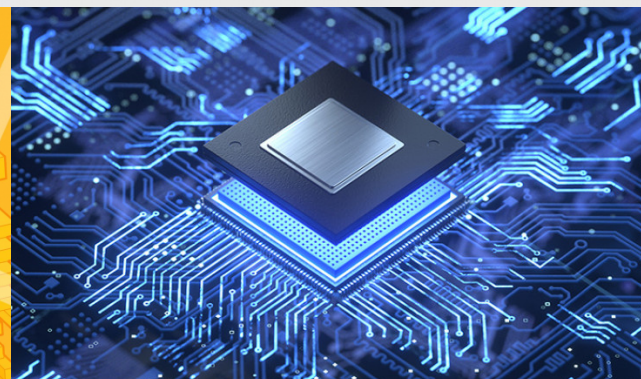
INFRASTRUCTURE



**Inside the miracle of modern chip manufacturing**

After coming up against the limits of physics, scientists are rethinking chip architecture like never before

[FT | ig.ft.com](#)



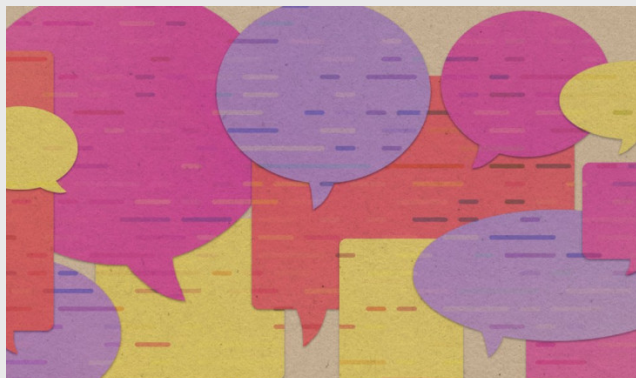
**Radical New Discovery Could Double The Speed of Existing Computers**

Imagine your laptop running twice as fast without any hardware upgrades; only the application of smarter software algorithms.

[sciencealert.com](#)



ARTIFICIAL INTELLIGENCE



**Large language models can do jaw-dropping things. But nobody knows exactly why.**

And that's a problem. Figuring it out is one of the biggest scientific puzzles of our time and a crucial step towards controlling more powerful future models.

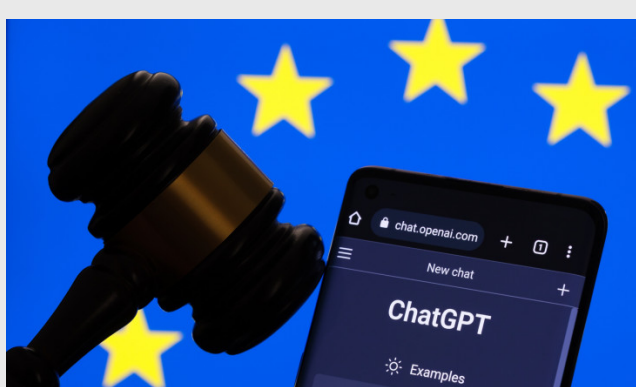
[technologyreview.com](#)



**With Generative AI we can reimagine education - and the sky is the limit**

Generative AI can democratize personalized education, help students work on more ambitious projects and lift the burden of admin from educators' shoulders.

[weforum.org](#)



**The EU AI Act passed - here's what comes next**

European Union lawmakers have officially approved the bloc's landmark AI regulation, and will now work towards its enforcement and implementation.

[theverge.com](#)



**Yann Lecun: Meta AI, Open Source, Limits of LLMs, AGI & the Future of AI**

Yann LeCun is the Chief AI Scientist at Meta, professor at NYU, Turing Award winner, and one of the most influential researchers in the history of AI.

[youtu.be](#)



LIFE SCIENCES



**Super-speedy sequencing puts genomic diagnosis in the fast lane**

Streamlined workflows for DNA and RNA sequencing are helping clinicians to deliver prompt, targeted care to people in days — or even hours.

[nature.com](#)



3D PRINTING



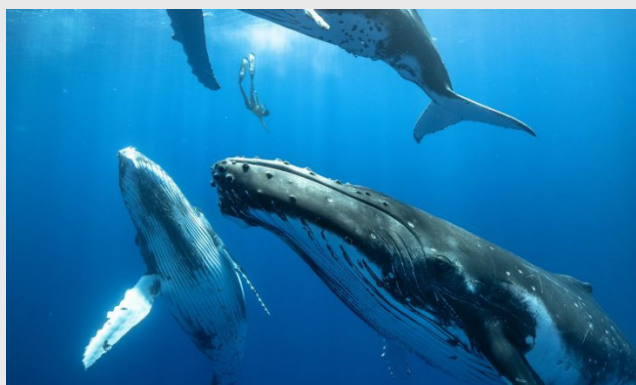
**Printing furniture with liquid metal**

MIT researchers have developed an additive manufacturing technique that can print rapidly with liquid metal, producing large-scale parts like table legs and chair frames in a matter of minutes.

[youtube.com](#)



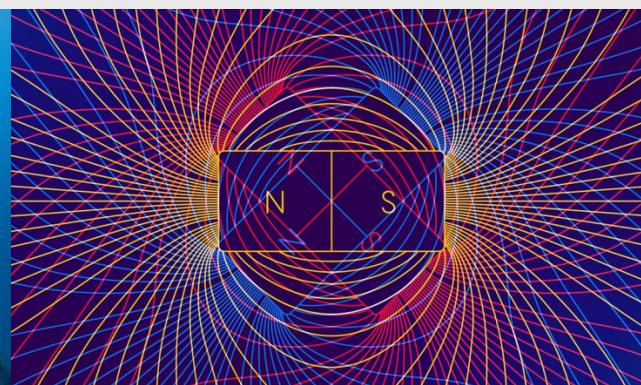
IN THE LAB



**Mystery of whale song unraveled by scientists, study says**

Eerie and fascinating, whale songs are one of the most mysterious sounds reverberating through the ocean. Now, researchers say they know how the leviathans vocalize.

[edition.cnn.com](#)



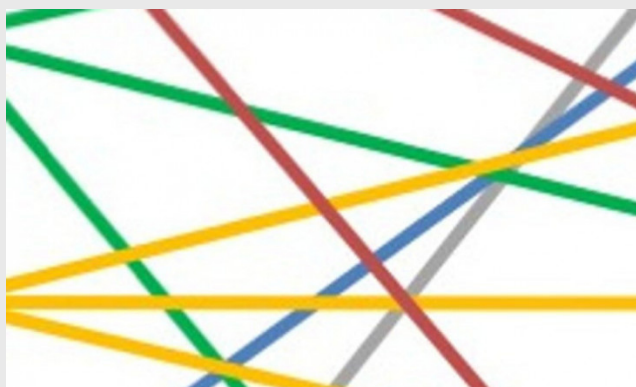
**New Kind of Magnetism Spotted in an Engineered Material**

In an atomically thin stack of semiconductors, a mechanism unseen in any natural substance causes electrons' spins to align.

[quantamagazine.org](#)



AFTER HOURS



**Can you solve it? The word game at the cutting edge of computer science**

A crossword puzzle with a twist

[theguardian.com](#)



**Secrets of ancient Herculaneum scroll deciphered by AI**

Buried in ash after Mount Vesuvius' eruption in 79AD, the secret of a papyrus scroll kept their secrets hidden for centuries. Now one has been deciphered by AI.

[nbcnews.com](#)

