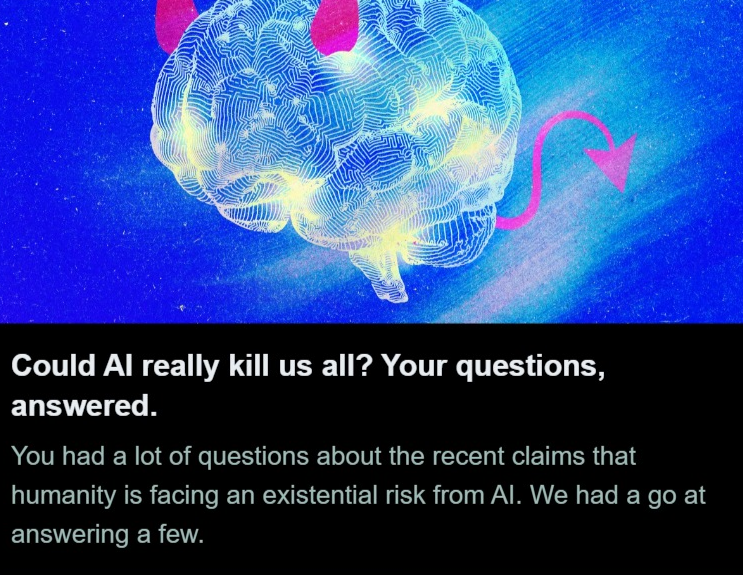


Artificial Intelligence



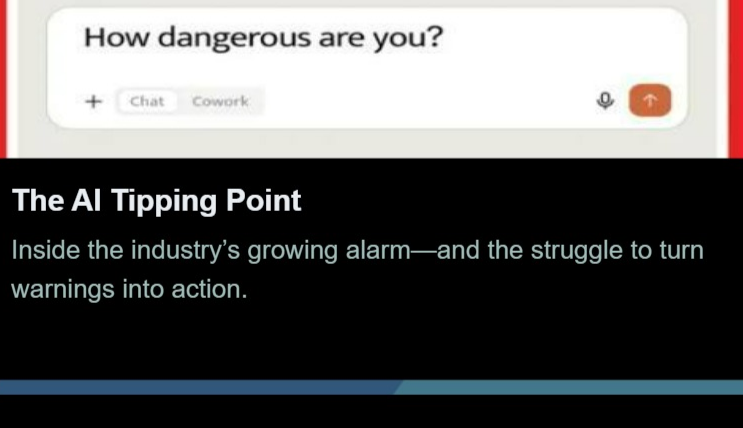
Could AI really kill us all? Your questions, answered.

You had a lot of questions about the recent claims that humanity is facing an existential risk from AI. We had a go at answering a few.



Not everyone thinks AI will kill us all

Despite the loud calls to rein in AI, there are plenty in the industry who think talk of risks is overblown.



The AI Tipping Point

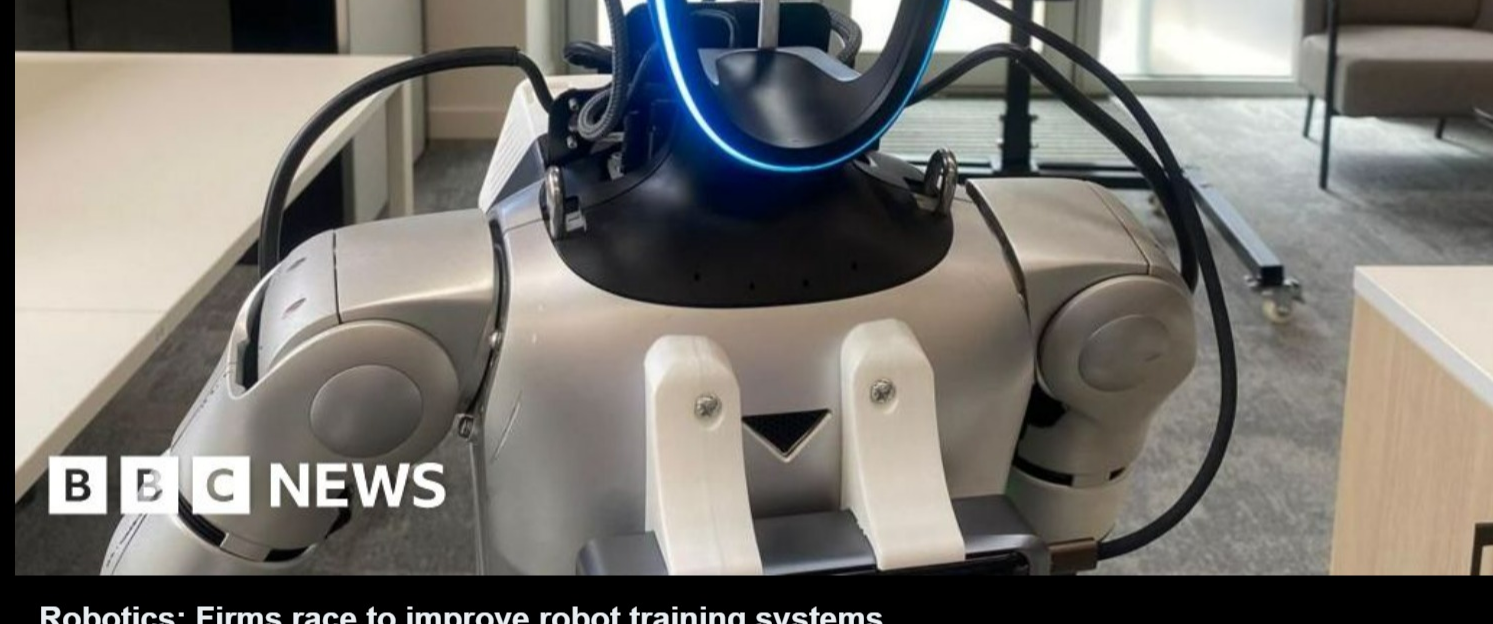
Inside the industry's growing alarm—and the struggle to turn warnings into action.



Could AI really wipe out humanity – six experts spell out the risks

We examine claims and counterclaims about the risks and calls to slow down the pace of AI development

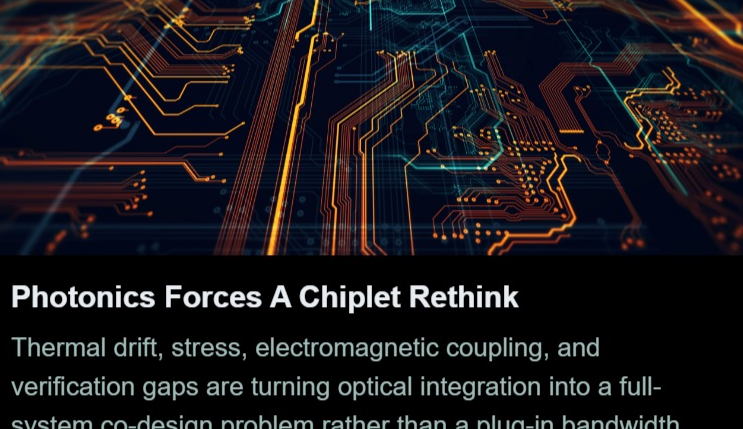
Robotics



Robotics: Firms race to improve robot training systems

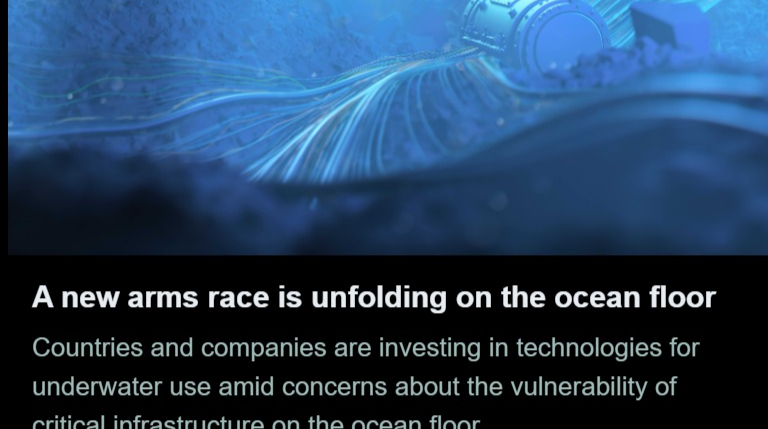
Training systems that allow robots to negotiate the real world are getting more sophisticated.

Infrastructure



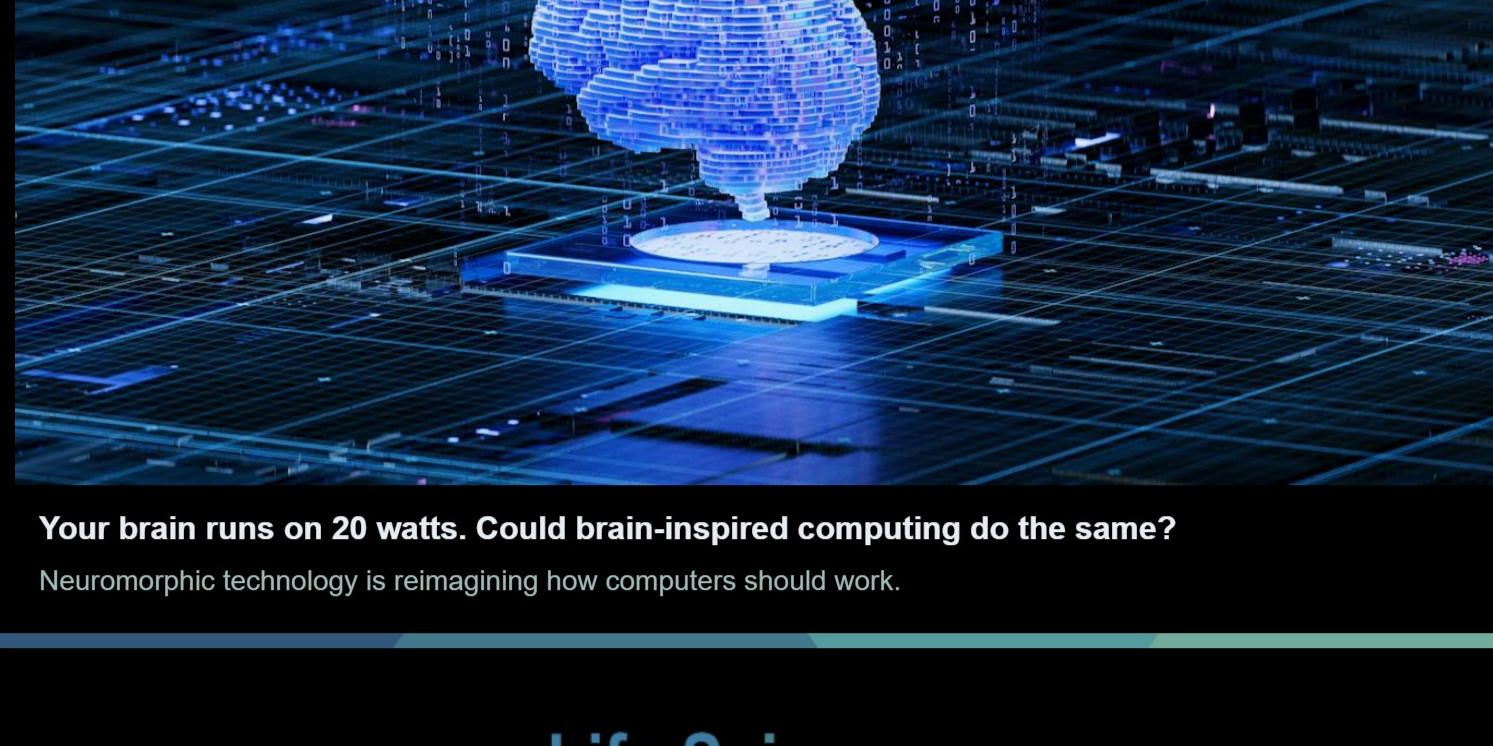
Photonics Forces A Chiplet Rethink

Thermal drift, stress, electromagnetic coupling, and verification gaps are turning optical integration into a full-system co-design problem rather than a plug-in bandwidth upgrade.



A new arms race is unfolding on the ocean floor

Countries and companies are investing in technologies for underwater use amid concerns about the vulnerability of critical infrastructure on the ocean floor.



Your brain runs on 20 watts. Could brain-inspired computing do the same?

Neuromorphic technology is reimagining how computers should work.

Life Sciences



AlphaGenome Atlas: Molecular predictions for 9 Billion human DNA variants

Explore AlphaGenome Atlas, a catalogue predicting the molecular effects and AVI scores for 9 billion single-nucleotide variants across the human genome.

Artificial Sensing



Google mapped the brain and nervous system of a fruit fly, and modders forced it to play Doom

Still better than some of my teammates.

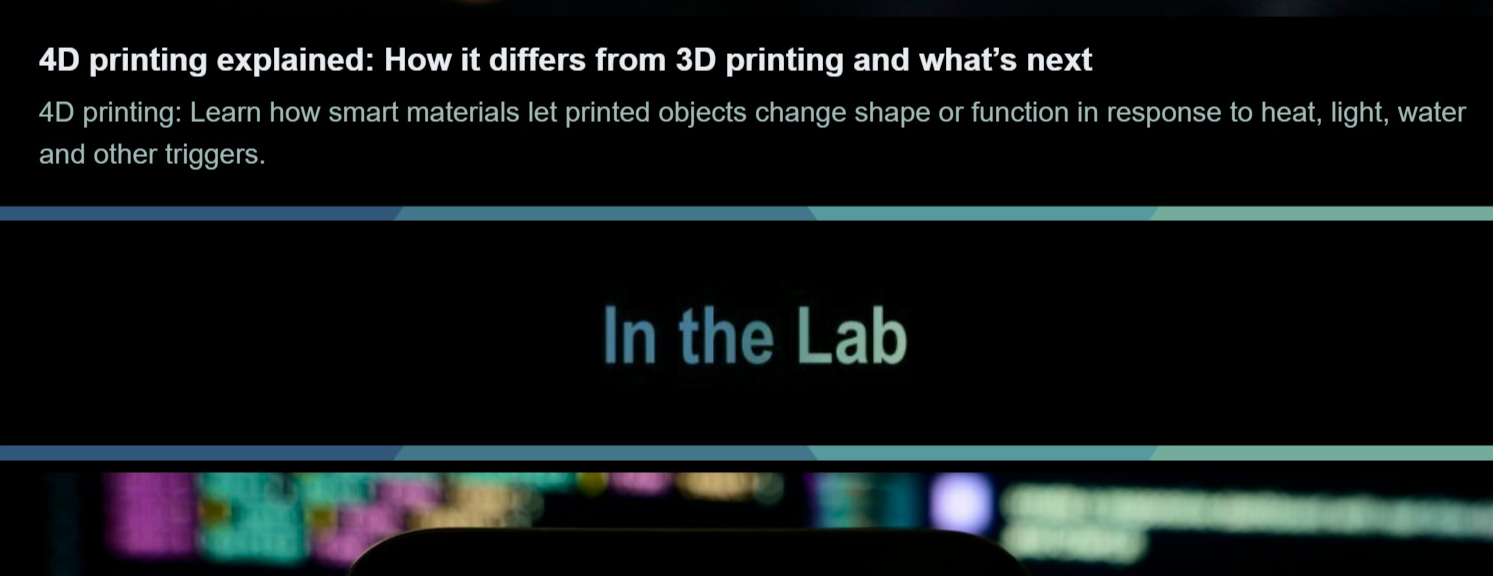
3D print



4D printing explained: How it differs from 3D printing and what's next

4D printing: Learn how smart materials let printed objects change shape or function in response to heat, light, water and other triggers.

In the Lab



OpenAI claims to have solved the 90-year-old Navier-Stokes math problem in 88 hours

OpenAI says 10,000 of its agents solved the 90-year-old Navier-Stokes problem in 88 hours, but one mathematician has challenged the claim.



Does Computer Science Need Computers?

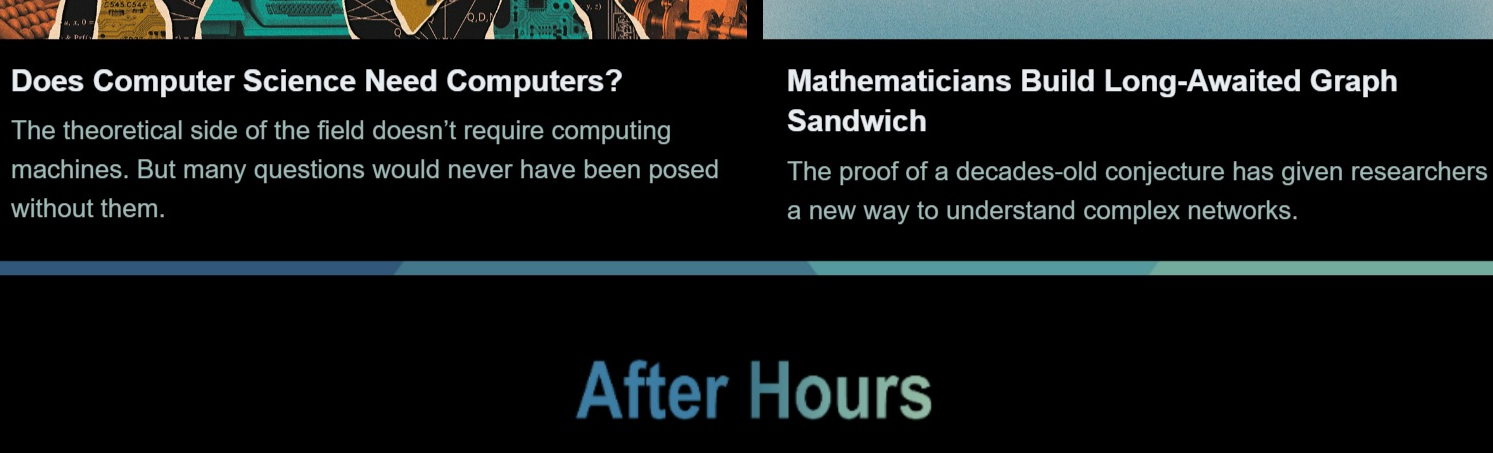
The theoretical side of the field doesn't require computing machines. But many questions would never have been posed without them.



Mathematicians Build Long-Awaited Graph Sandwich

The proof of a decades-old conjecture has given researchers a new way to understand complex networks.

After Hours



The AI writing debate is eerily similar to the one that rocked ancient Greece 2,700 years ago

Theater scholar Drew Lichtenberg explained the backlash to Euripides, a playwright that people found "creepy and scary, the way people do with AI."