

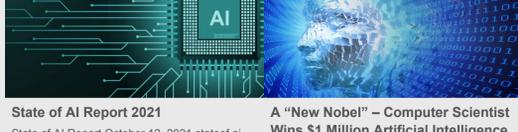


The climate disaster is here – this is what the future looks like
The climate is already becoming uninhabitable. Will governments act to stop this disaster from getting worse?

[theguardian.com](#)



ARTIFICIAL INTELLIGENCE



State of AI Report 2021

State of AI Report October 12, 2021 stateof.ai
Ian Hogarth Nathan Benaich

[docs.google.com](#)

A "New Nobel" – Computer Scientist Wins \$1 Million Artificial Intelligence Prize

Duke professor becomes second recipient of AAAI Squirrel AI Award for pioneering socially responsible AI.

[scitechdaily.com](#)



Synthetic Media: How deepfakes could soon change our world

Synthetic media, better known as deepfakes, could be a goldmine for filmmakers. But the technology has already terrorized women who have had their faces inserted into pornography. And it could potentially disrupt society.

[cbsnews.com](#)

Exclusive: Adobe's mind-blowing AI turns napkin sketches into cartoons

Prepare for Adobe's latest AI to bend your mind.

[fastcompany.com](#)



ROBOTICS



Boston Dynamic's robot perfectly mimics Mick Jagger's dance moves

Boston Dynamics' engineers taught Spot to dance and lip-sync like Mick Jagger in The Rolling Stones' 'Start Me Up' music video that was released on the 'Tattoo You' album in 1981.

[dailymail.co.uk](#)



CYBERSECURITY



Quantum Crypto Crams Into System-on-a-Chip

Toshiba scientists have fit quantum cryptography—the key distribution transmitters and receivers and random number generators—down to a single tiny piece of silicon. It can generate 470,000 secure bits per second over five days use, enough to lock down video calls with the laws of quantum...

[spectrum.ieee.org](#)



ENERGY



Can Nuclear Fusion Put the Brakes on Climate Change?

Amid an escalating crisis, the power source offers a dream—or a pipe dream—of limitless clean energy.

[newyorker.com](#)



ARTIFICIAL SENSING



Forget wearables: Future washable smart clothes powered by Wi-Fi will monitor your health

Purdue University engineers have developed a method to transform existing cloth items into battery-free wearables resistant to laundry.

[scienceblog.com](#)



VIRTUAL AND AUGMENTED REALITY



Nine years after she died, Whitney Houston is back to entertain you

A new hologram persuasively suggests the singer is here and in top form. Is America ready for concert resurrection?

[washingtonpost.com](#)



LIFE SCIENCES



FDA Approves First Human Trial for Potential CRISPR-Led HIV Cure

The FDA's IND approval sets the stage for the very first Phase I/II trial to evaluate EBT-101 as a functional cure for chronic HIV based on the endpoints of safety, tolerability, and efficacy.

[biospace.com](#)

First map of proteins in tumour cells pinpoints cancer therapy targets

Treating cancer may one day be easier using a map that reveals how hundreds of proteins interact with one another in cancer cells

[newscientist.com](#)



Humans Can't Be the Sole Keepers of Scientific Knowledge

Communicating scientific results in outdated formats is holding progress back. One alternative: Translate science for machines.

[wired.com](#)



AFTER HOURS



People Aren't Meant to Talk This Much

Breaking up social-media companies is one way to fix them. Shutting their users up is a better one.

[theatlantic.com](#)

Don't Choose Extinction

The world spends an astounding US\$423 billion annually to subsidize fossil fuels for consumers – oil, electricity that is generated b...

[youtu.be](#)