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Welcome to the Mid May 2017 Edition of What's Emerging

Welcome to our Mid-May edition of our newsletter.

Paul is presenting a number of keynote presentations in May, including The Future of Technology in Agriculture for the Yolla Cooperative, and Bringing the Future into the Advisory practice for the Mindshop Group.

If any of that interests you then please contact us at info@emergentfutures.com

We hope that you continue to find the newsletter interesting.

Cheers,

Paul Higgins, Sandy Teagle, Ranjitha and Samantha Kyle-Little

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■ What are we writing about?

Paul is speaking in the last week of the month at the Yolla Cooperative about technology in agriculture and harnessing cooperative models to make it work. You can read the results of an interview he did for promoting the event by going to our [home](#) page and looking under latest downloads

■ Business Tips

Moving Your Music Out of iTunes

Not strictly a business tip but if you enjoy concentrating by working to music it is important

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Which deep learning network is best for you?

There are several frameworks that are providing advanced machine learning and artificial intelligence (A.I.) capabilities over proprietary solutions. How do you determine which open source framework is best for you? [Read More...](#)

Simple, beautiful surveys.

A couple of people have asked us to do surveys via this system recently and it really is simple and elegant [Read More...](#)

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■ In case you missed it: Most popular links from the Last Edition

[How To Get Funded By A Decentralized Autonomous Organization](#)

■ What's Emerging

Autonomous robot 3D printers like this could help build homes for us on other planets

IT's newest 3D printer isn't the sort you'd keep on your desk. With a long robotic arm and caterpillar treads, it's designed to work in the construction sites of the future. [Read More...](#)

Healthier beer and drought-proof crops? Scientists crack barley's genetic code
Scientists have cracked the genetic code of one of Australia's most important grains — barley — opening up the potential for healthier beer and more importantly drought resistant crops.

[Read More...](#)

The Military is Using Human Brain Waves to Teach Robots How to Shoot

Modern sensors can see farther than humans. Electronic circuits can shoot faster than nerves and muscles can pull a trigger. [Read More...](#)

H&R Block is using artificial intelligence to help you do your taxes

Tax preparer H&R Block has been losing ground to online tax software like TurboTax. Its answer: artificial intelligence. Starting this month, H&R Block's tax preparers are using IBM's computer system Watson to help them maximize deductions for customers. [Read More...](#)

It's the end of the world and we know it: Scientists in many disciplines see apocalypse, soon

While apocalyptic beliefs about the end of the world have, historically, been the subject of religious speculation, they are increasingly common among some of the leading scientists today. [Read More...](#)

Embedded nano-sensors create smart bandages

Swansea University's Institute of Life Science department is developing 3D printed bandages with nano-sensors for real-time, around-the-clock health reporting. [Read More...](#)

China leverage rising at 'alarming pace': central bank official

China's level of leverage is rising at an "alarming pace", particularly in the finance sector, a senior central bank official said in a commentary, amid growing concern by the country's senior leaders over financial security. [Read More...](#)

DARPA Is Planning to Hack the Human Brain to Let Us "Upload" Skill

The DARPA Targeted Neuroplasticity Training (TNT) program is exploring ways to speed up skill acquisition by activating synaptic plasticity. If the program succeeds, downloadable learning that happens in a flash may be the result. [Read More...](#)

Alexa learns to talk like a human with whispers, pauses & emotion

Amazon's Alexa is going to sound more human. The company announced this week the addition of a new set of speaking skills for the virtual assistant, which will allow her to do things like whisper, take a breath to pause for emphasis, adjust the rate, pitch and volume of her speech, and more. [Read More...](#)

The U.S., Canada and Mexico are buying more job-killing robots than ever before

Robots are getting cheaper and smaller and, as a result, sales have grown significantly over the past year, particularly in North America, as more companies move manufacturing operations closer to U.S. markets. [Read More...](#)

This fabric can repair itself.

Imperial Motion uses "nano cure tech" for its jackets and bags. When the fabric is rubbed together over a tear the rip is repaired! [Read More...](#)

Arctic 2.0: What Happens after All the Ice Goes?

As the Arctic slipped into the half-darkness of autumn last year, it seemed to enter the Twilight Zone. In the span of a few months, all manner of strange things happened. [Read More...](#)

Yes, this detailed 3D-printed model was sculpted in VR, and it's just the start

Getting people to believe that high-end virtual reality is truly immersive can be difficult if they haven't tried devices like the Oculus Rift or HTC Vive first-hand. [Read More...](#)

Climate Change May Trigger Next Financial Crisis: Bank of England

Climate change could spark the world's next financial crisis, according to Paul Fisher, who retired this year as deputy head of the Bank of England body which supervises the country's banks. [Read More...](#)

Faecal transplants could cause recipients to take on donors' traits: expert

There is growing evidence faecal transplants could be causing some patients to take on the physical and mental traits of their donors, including body shape and even symptoms of depression, an expert in infectious diseases says. [Read More...](#)

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