

EMERGENT FUTURES



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What's Emerging End April 2018

Welcome to the end of April 2018 Edition of What's Emerging

As well as continuing with the book writing on driverless cars, in the next couple of months Paul is presenting three further presentations on technology in agriculture, presenting a keynote to the Communities in Control Conference, and two presentations on digital disruption in the housing market. Paul will also be facilitating a future strategy workshop for the Alpine Shire Council and working with Melbourne City Council on their planning scheme. In July and August Paul will be presenting with NAB Chief Economist Alan Oster in a major capital city road show with the National Bank on the Future of Health. Paul is also continuing his involvement in venture philanthropy with SVP Melbourne's latest investment in the [ICAN Network](#). If you are interested in any of these subjects then please email 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

What are we writing about?

Paul's presentation to the Sugarcane Futures Forum in Mackay is now up. Go to our [Home Page](#) and scroll down to "our latest work". Paul has also written a more detailed post looking specifically at biofuels and transport from the point of view of demand for ethanol from agriculture. You can see that at <https://medium.com/@futuristpaul>

[↑ Top of the page](#)

Business Tips

Pet Circle

Not a business tip but For Australians will save you money. Paul: since attending the Amazon Web Services Conference a couple of weeks ago I have started using Pet Circle to deliver our dog and cat food. It is much cheaper than the mega pet barn places or supermarkets and they deliver direct to your door. If you want to try it out use our referral code: REFR27U. You get \$10 off and we get a \$10 credit on our next order. I have automated ours so it arrives every 8 weeks. [Read More...](#)

SECTIONS

[What we are writing about](#)

[Business Tips](#)

[What's Emerging](#)

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Robot Vera will find employees for you

Paul: An automated system augmenting the process of finding employees. Now being used by over 200 companies [Read More...](#)

Spurious Correlations

Paul: not strictly a business tip but a timely reminder that correlation is not causation

[Read More...](#)

How to refill your Brother HL-L8250cdn, HL-L8350cdw, DCP-L8400cdn, DCP-L8450cdw

Paul – I have a HL-L8350cdw colour laser printer. When it started saying I had to attend to it because my magenta was running low and I use it 99% for black printing I dived down into the murky world of printer cartridges and how they trick you to buy new ones because the business model is to subsidise hardware by making money on toner. It also turns out that there is a hidden menu process to reset your cartridges so they don't show low when they are not:

<https://www.youtube.com/watch?v=AVQ6KStWEsI> [Read More...](#)

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

[The Wavicle Theory of Work](#)

What's Emerging

Studies say Atlantic Ocean's circulation slowing dramatically, increasing climate change fears

The Atlantic Ocean circulation that carries warmth into the Northern Hemisphere's high latitudes is slowing down because of climate change, a team of scientists asserted Wednesday, suggesting one of the most feared consequences is already coming to pass. [Read More...](#)

'Tweezers of light' used to trap two single atoms and build molecule

Like many kids, Lee Liu loved playing with Lego bricks. Little did he know that one day his building blocks would be individual atoms. [Read More...](#)

Delivery apps opening 'dark kitchens' to create meals exclusively for online orders market

Restaurants pumping out hundreds of meals without tables, chairs or waiters are a new development in the future of food. This may have significant implications for the supply chain, all the way back to the farmer. [Read More...](#)

Microplastics found in 93% of bottled water tested in global study

The bottled water industry is estimated to be worth nearly \$200 billion a year, surpassing sugary sodas as the most popular beverage in many countries. The bottles are a problem though.

[Read More...](#)

Renewable energy capacity set to exceed target Federal Government said was impossible

Australia's renewable energy capacity is set to exceed a target the Federal Government said was impossible to reach by 2020, according to new research from Green Energy Markets. The global developments in renewable energy is one of the most amazing success stories of the last 20 years. [Read More...](#)

China fights big smog with big air purifier

China has found a novel way to tackle its massive air pollution problem: Putting up a giant air purifier the size of an industrial smokestack in the middle of a smog-plagued city. Treating the patient rather than preventing the problem? [Read More...](#)

MIT just discovered a way to mass-produce graphene in long rolls

Scientists used to make graphene-based membranes in small batches in a laboratory. But a new breakthrough at MIT enables researchers to spool out long rolls of high-quality graphene.

[Read More...](#)

A giant indoor farm in China is breeding 6 billion cockroaches a year. Here's why

The Post turns a spotlight on the 'disgusting' insect with apparently remarkable medicinal qualities at the world's largest breeding facility, where the bugs outnumber the planet's human population and AI is part of the management system. [Read More...](#)

How Apple Will Use AR To Reinvent The Human-Computer Interface

Taking a careful look at how the company has reinvented the UI down through its history provides strong clues as to how it will do so again with AR glasses. Mixed reality is likely to become a big part of a whole lot of industries so this is important to understand [Read More...](#)

Mobile data usage in Zimbabwe increased by 89% in 2017

Mobile data usage in Zimbabwe nearly doubled to 15,3 Terabytes in 2017 and it is now expected that this trend of stronger Internet usage will continue, underpinned by new business models riding on internet of things (IoT) platforms as well as booming e-commerce facilities. [Read More...](#)

The Chinese Unknown That's Making Africa's Phones

No matter how many phones you sell, Yu Weiguo has learned, it's tough to keep to a schedule when the government declares martial law. During his eight years in Ethiopia, Yu has helped turn little-known Transsion Holdings, owner of the sleepy Chinese brand Tecno Mobile, into Africa's leading mobile device maker. We sometimes forget about these sort of things from the position of developed economies [Read More...](#)

iOS 11 adoption hits 76% as Android Oreo rests at 4.6%

Apple's support page for the App Store, which chronicles the adoption levels of various iOS releases, today shared a new milestone for iOS 11: As of April 22, iOS 11 is on 76 percent of iOS devices, compared with 19 percent for iOS 10 and 5 percent for earlier iOS versions. A function of the nature of the ecosystems. [Read More...](#)

Massive quantum entanglement experiment could help solve a physics mystery

Few ideas are as mind-bending as quantum entanglement: that two objects remain intimately intertwined, even if they're at opposite ends of the universe. [Read More...](#)

TransferWise becomes first non-bank to open settlement account with BofE RTGS

Money transfer upstart TransferWise is finally rubbing shoulders with the Establishment, becoming the first non-bank direct member of the UK's Faster Payment scheme under a new settlement account policy directive initiated by the Bank of England. [Read More...](#)

Facebook will exclude 1.5 billion users from new data privacy protections

Next month the European Union's General Data Protection Regulation (GDPR) goes into effect, which will give European Facebook users—and any users of Facebook who are subject to Facebook's terms of services in Ireland—much more control over what data Facebook can access and store about them. The bastards. [Read More...](#)

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