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## Mid-February 2017

### Welcome to the Mid-February 2017 Edition of What's Emerging

Welcome to our mid-February Edition of our newsletter. Paul is on holidays in Japan at the moment. When he returns he will be facilitating a strategic plan review with the Dairy Industry, facilitating an agricultural social licence workshop and working on setting up a new networked prediction service we have been working on. If any of those interest you then please contact us at [info@emergentfutures.com](mailto: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 presented to a CEO Institute Syndicate on Wed Feb 8th on Foresight for Practical Strategy with sections on the future of work, the future of Australian retailing, and the death of old social media. Paul has published a piece on the questions on the future of work at our website. Go to <https://futuristpaul.com/> to read it.

### Business Tips

#### Mind-Mappers to Help You Organize Your Thoughts

MIND mapping is a method for outlining thoughts visually. You can draw mind maps on paper, but they become even more useful when created in an app. [Read More...](#)

#### How to manage Windows 10 updates

If you've spent years mastering the ins and outs of Windows Update, prepare to do some unlearning. Windows 10, with its emphasis on "Windows as a Service," rewrites almost all the rules of updates and upgrades. Here's what you need to know. [Read More...](#)

#### Slate's negotiation Academy

A series of podcasts on how to negotiate better [Read More...](#)

#### Review Meta

ReviewMeta.com analyzes millions of reviews and helps you decide which ones to trust

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

### [How to Run a Good Workshop](#)

## ■ What's Emerging

China military official: War with US under Donald Trump 'becoming practical reality'

Sino-US relations are becoming more tense under America's new administration [Read More...](#)

Machine Vision Helps Spot New Drug Treatments

A startup uses algorithms that understand the anatomy of cells to discover new uses for existing drugs. [Read More...](#)

Fitbit for cows helps Pakistan farmers keep herds healthy

Cowlar is a wearable for cows that is designed to help farmers more easily track the health, fertility, location and general activity of their cattle. [Read More...](#)

First FDA Approval For Clinical Cloud-Based Deep Learning In Healthcare

The first FDA approval for a machine learning application to be used in a clinical setting is a big step forward for AI and machine learning in healthcare and industry as a whole. [Read More...](#)

ReRAM can now store and process data in the same chip

Researchers in Singapore and Germany have found a way to help that data effectively work from home. The team is developing memory chips that can process information right where it's stored, potentially allowing for faster, smaller and more efficient computers and mobile devices.

[Read More...](#)

New Organisms Have Been Formed Using the First Ever 6-Letter Genetic Code

Scientists have engineered the first ever 'semi-synthetic' organisms, by breeding E. coli bacteria with an expanded, six-letter genetic code. [Read More...](#)

Thailand Announces \$11.3BN 10-year Plan to Build Sugarcane and Cassava Bioeconomy

"The government launched its 10-year plan to build a bioeconomy hub for the region with private and public sector investment expected to reach \$11.3 billion as it focuses on sugarcane and cassava to feed modern biorefineries that will produce biofuels and biochemical as well as biopharmaceuticals, "future" food and "future" feed. [Read More...](#)

Norwegian robot learns to self-evolve and 3D print itself in the lab

Experts at the University of Oslo, Norway have discovered a new way for robots to design, evolve and manufacture themselves, without input from humans, using a form of artificial evolution called "Generative design," and 3D printers – although admittedly the team, for now at least, still has to assemble the final product, robot, when it's printed. [Read More...](#)

Forget Autonomous Cars—Autonomous Ships Are Almost Here

It's midnight on the North Atlantic, where a massive container ship receives the latest weather report. There's a nasty storm brewing ahead. Quietly, the ship changes course and speed, to skirt the worst of it and ensure an on-time arrival at its destination. [Read More...](#)

Not Safe for Children? Football's Leaders Make Drastic Changes to Youth Game

ORLANDO, Fla. — U.S.A. Football, the national governing body for amateur football, intends to introduce a drastically altered youth football game in response to declining participation and increasing public belief that the game is not safe for children to play. [Read More...](#)

## Wafting magnetism has transferred oxygen from Earth to the Moon for billions of years

In a new paper in *Nature Astronomy*, a team from Osaka University publishes its analysis of data gathered by the Japan Aerospace Exploration Agency's Selenological and Engineering Explorer, revealing that an isotope present in lunar regolith is a match for an isotope found in terrestrial, atmospheric oxygen. [Read More...](#)

## Study Finds Public Pension Promises Exceed Ability to Pay

When Detroit went bankrupt in 2013, investors were shocked to learn that the city had promised pensions worth billions more than anyone knew — creating a financial pileup that ultimately meant big, unexpected losses for Detroit's bondholders.. [Read More...](#)

## Boston Dynamics Handle: A 2-Wheeled, "Nightmare-Inducing" Robot

Boston Dynamics debuted a new two-wheeled robot called Handle that can jump over obstacles, self-balance and eventually move objects around. [Read More...](#)

## Oil Bonds May Face Sharp Repricing on Climate, BOE Analysts Blog

Bondholders may face a "sharp repricing" on debt issued by oil and gas companies as demand for polluting fossil fuels falls and investment in clean energy grows, analysts from the Bank of England wrote in a blog post. [Read More...](#)

## Youngest in class twice as likely to take ADHD medication

New research has found the youngest children in West Australian primary school classes are twice as likely as their oldest classmates to receive medication for Attention Deficit Hyperactivity Disorder (ADHD). [Read More...](#)

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