

@ Emergent Futures | New Around the World | What Are We Writing About

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Extra links that we couldn't fit in this month's newsletter...



What's Emerging

Green cred online through .eco extension

In a move that could do for websites what personalised rego plates did for cars – make them diverse, exciting and sometimes confusing – the internet's governing body is looking to expand beyond standard domains like .com .org or .net. Tomorrow in Sydney a Canadian company will launch its bid to control .eco, an internet extension it hopes would help green companies stand out from the crowd. [Read more...](#)

Computer clusters that heat houses

A novel water-cooling system makes it more efficient for computers to heat buildings. [Read more...](#)

New nanoparticles could lead to end of chemotherapy

Nanoparticles specially engineered by University of Central Florida Assistant Professor J. Manuel Perez and his colleagues could someday target and destroy tumors, sparing patients from toxic, whole-body chemotherapies. [Read more...](#)

World's first controllable molecular gear at nanoscale created

Scientists from A*STAR's Institute of Materials Research and Engineering (IMRE), led by Professor Christian Joachim,* have scored a breakthrough in nanotechnology by becoming the first in the world to invent a molecular gear of the size of 1.2nm whose rotation can be deliberately controlled. [Read more...](#)

The Twitter cycle: Curiosity, abandonment, addiction. global visitors hit 37 million

The adoption cycle for Twitter is a bit strange. It goes something like this: Ever-increasing waves of hype, links, and attention bring in the newbies to Twitter.com where they get their first taste of Twitterdom. Some portion of those set up an account out of curiosity or a fear of being left behind. They try sending out a few Tweets, look around, get bored by the initial banality of the service and abandon it for other pursuits. But that is not the end of it. A lot of them come back. [Read more...](#)

Can open government be gamed?

If information is power, the first step to gaining power is to get the right data. The Obama administration is a big proponent of opening up government data and making it digitally available. Today at the Personal Democracy Forum in New York City, the government's new chief information officer Vivek Kundra announced USAspending.gov , a new site which launched today that tracks government spending with charts and lists ranking the largest government contractors (Lockheed, Boeing, Northrop Grumman, etc.) and assistance recipients (Department of Healthcare Services, New York State Dept. of Health, Texas Health & Human Services

Commission, etc.). [Read more...](#)

A novel approach: Ending homelessness with homes

The Dallas City Council thinks it has a strategy for ending homelessness in the city, and it's fabulously uncomplicated: housing for the homeless. Not shelters, but actual apartments. [Read more...](#)

As expected, Apple iTunes update breaks palm pre sync

If anyone thought that Apple would sit back and let Palm's Pre smartphone sync seamlessly with iTunes... they don't know Apple. [Read more...](#)

Wool: soft as silk, but bullet proof

RMIT researchers found that weaving in 25-30 per cent wool fibre with the Kevlar helps the fibres to stay together, greatly decreased the chances of a bullet "shouldering through" Kevlar fibres without breaking them. [Read more...](#)

Rive technology to deliver breakthrough yields of transportation fuels

Rive is a clean energy company, commercializing advanced catalyst technology for petroleum refining to dramatically increase the yield of transportation fuels produced per barrel of crude oil. Rive's new catalyst will fit readily into existing refineries and enable refiners to increase throughput and profitability with minimal capital investment. [Read more...](#)

HP aims to pitch print services with payback guarantee

HP, which has talked up managed print services in the last few years, is looking to get companies off the fence with its guarantee. If a "qualified enterprise" doesn't hit its printing savings target in 12 months of implementation HP will make up the shortfall. [Read more...](#)

Kingston debuts world's first 256GB USB thumb drive

Memory maker Kingston has figured out a way to shoehorn 256GB of memory into a diminutive USB thumb drive. That is twice the size of my laptop hard drive!!! [Read more...](#)

New geothermal heat extraction process to deliver clean power generation

Scientists at the Department of Energy's Pacific Northwest National Laboratory will determine if their innovative approach can safely and economically extract and convert heat from vast untapped geothermal resources. [Read more...](#)

Nissan's plug-free electric car

The Japanese carmaker's wireless system employs the same electromagnetic field technology used to charge an electric toothbrush. Nissan hopes to scale the technology up further as a series of plates laid into the surface of designated electric vehicle lanes on our roads theoretically enabling motorists to charge as they drive. [Read more...](#)

Scientists make colour-changing light bulbs from fish DNA

Scientists at the University of Connecticut have made adjustable LEDs out of strands of salmon DNA. The DNA is mixed with dye that absorbs UV light and emits bright white light. [Read more...](#)

Who owns your genes? You'd be surprised

The American Civil Liberties Union and the Public Patent Foundation are challenging the constitutionality of gene patents, reports Censorship News, the newsletter of the National Coalition Against Censorship. [Read more...](#)

How to be homeless

The Nation, whose recent monthly dispatch of "Ten Things" features crucial tips and guidelines from Picture the Homeless, a grassroots social justice organization in New York that was founded by two homeless men in 1999. Should crisis hit your own backyard, the group has assembled "Ten Things You Need to Know to Live on the Streets". [Read more...](#)

Forget Google: Use the 7 greenest search engines

A while back, Google came under scrutiny when a study surfaced showing that each search processed created

1-10 grams of CO₂. So here's some news you might actually find useful: you can make all that online searching exponentially greener. [Read more...](#)

Potential Neurotoxin could be in our food

Long after a potentially neurotoxic flame retardant is off the market, it could linger in our food chain. One of the most comprehensive analyses yet of human exposure to PBDEs, or polybrominated diphenyl ethers, shows that the chemical — long used in everything from computers to sleeping bags — enters humans through their diets, not just their household. [Read more...](#)

The next hacking frontier: Your brain?

Hackers who commandeer your computer are bad enough. But as neural devices become more complicated — and go wireless — some scientists say the risks of "brain hacking" should be taken seriously. [Read more...](#)

Car clubs for where people live

City living developers are increasingly being asked to ensure that new developments minimise their reliance on private cars. [Read more...](#)