

Weekly Discovery

We SHARE to inspire and ignite ideas!

18 July 2016 – 22 July 2016

AUGMENTED REALITY

'Pokémon Go' is the 'aha' moment AR has been waiting for



Discover how Pokémon Go has gained [popularity](#). It shows users how augmented reality works and prompts people to think that there could be something more to the world around them. This app is expected to change the landscape of augmented reality.

Source: [Engadget.com](#) (12 July 2016)

BIOMIMETIC ARCHITECTURE

Indestructible bridges could be reality, thanks to nature-inspired 'form-finding'

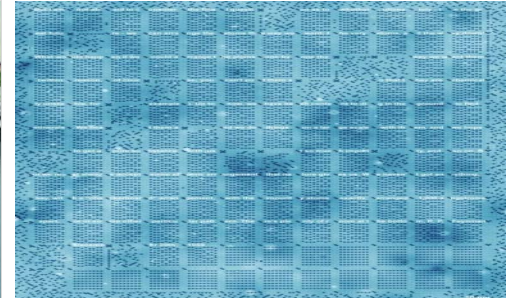


Here comes the new generation of bridges! They are indestructible, thanks to the University of Warwick's innovative ['form-finding' structural design process](#). Also read this [Journal Article](#).

Source: [Sciencedaily](#) (13 July 2016)

DATA STORAGE

Researchers demonstrate they can store data by pushing around atoms



Researchers from Delft University of Technology in the Netherlands have created a new data storage device. Storing information in positions of [atom vacancies](#). In addition check out this [video](#) and [NATURE Article](#).

Source: [c&en](#) (19 July 2016)

INNOVATION

Researching how digital technology enables innovation



Find out how [digital technology enables companies to innovate more effectively](#). This is crucial because innovation is the main driver for a company's long-term success. In addition read [Disruptive Game Changing Innovation](#) by Thomson Reuters.

Source: [Thomson Reuters](#) (July 2016)

INTERNET OF THINGS (IoT)

Autonomous Olli the Self-Driving Bus



Introducing Olli, the 3D printed self-driving bus! It can carry up to 12 passengers. It is capable of interacting via four application programming interfaces and cloud computing. It is now being used on public roads in the US capital.

Source: [Popular Science](#) (14 July 2016)

MACHINE LEARNING

Germany enlists machine learning to boost renewables revolution



Meteorologists in Germany are using [big data and machine learning](#) to explore operating the power grid more efficiently and keep fossil reserves at a minimum.

Source: [Nature](#) (13 July 2016)

MATERIALS

Engineered "Sand" May Help Cool Electronic Devices

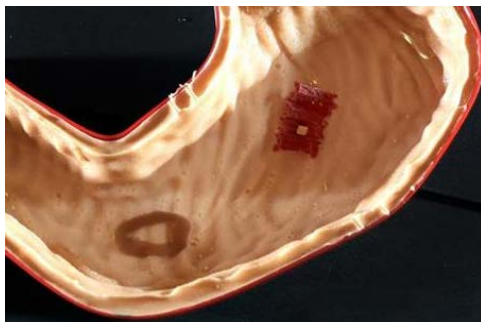


An associate professor of the Georgia Institute of Technology discovered a new, [cost-effective way to cool electronic devices using 'Sand'](#). Also read this [RSC Article](#).

Source: [Georgia Tech News Center](#) (13 July 2016)

ROBOTICS

Having stomach troubles? Try swallowing an origami robot

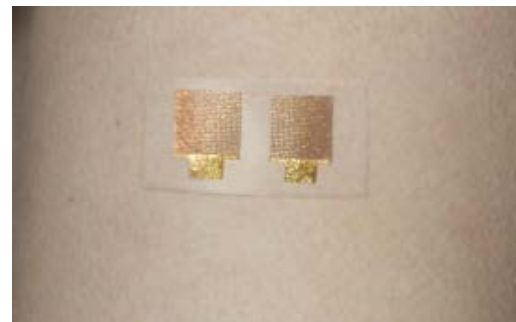


Discover an [innovative robot](#) that can unfold to expel a foreign body from the stomach! This origami robot is expected to be used by hospitals eventually.

Source: [AP The Big Story](#) (19 July 2016)

WEARABLE TECHNOLOGY

The new wave of wearables



Scientists are envisioning that biodegradable implants, neuroscience research, artificial skins, solar panels and gaming applications are the [next big things](#) in wearable technology.

Source: [Fast Company](#) (July/August 2016)

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