

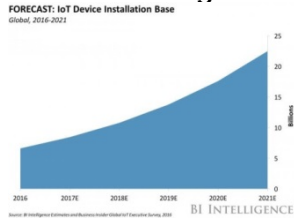
Weekly Discovery

We SHARE to inspire and ignite ideas!

19 June 2017 – 23 June 2017

5G

Here's How 5G Will Revolutionize the Internet of Things



15% of the world's population will be embracing 5G within 5 years, from intelligent metropolitan systems to smart home gadgets. Gain insights from the [Ericsson Mobility Report](#) about the impact of 5G on the Internet -of-Things.

Source: [Business Insider](#) (15 June 2017)

ARTIFICIAL INTELLIGENCE

An Artificial Intelligence Developed Its Own Non-Human Language



Facebook's chatty bots can negotiate with each other in their bot language. A sign that Artificial Intelligence (AI) is stepping into the realms once believed belonging to humans only. Discover the rising power of AI in this [Facebook report](#).

Source: [The Atlantic](#) (15 June 2017)

ARCHITECTURE

9 Incredibly Famous Architects Who Didn't Possess an Architecture Degree



Although these gentlemen did not possess an architecture degree, they are still impressive architects and have created memorable structures.

Source: [Arch Daily](#) (19 June 2017)

AUTOMATION

Amazon's Move Signals End of Line for Many Cashiers

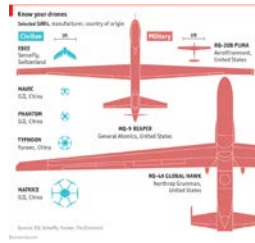


Amazon has acquired grocery chain wholefoods and there is speculation that their cashierless and cashless technology will be applied here.

Source: [The New York Times](#) (17 June 2017)

DRONES

A New Type of Drone, Neither Military Nor Civilian, Is Emerging

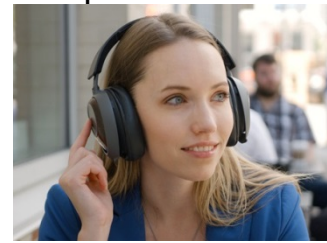


Apart from recreational drones and military ones, there are now a variety of commercial applications in areas such as agriculture and construction. Explore the trends of drones industry at [Economist](#).

Source: [The Economist](#) (16 June 2017)

GRAPHENE

Montreal-Based Startup Ora Releases Novel Graphene-Based Headphones



Headphones made from graphene are not only light-weight but their sound quality is pretty impressive as well. There is also potential for use in smartphones and tablets as well.

Source: [IEEE Spectrum](#) (20 June 2017)

HUMAN PROPULSION SYSTEM

Richard Browning: How I Built a Jet Suit

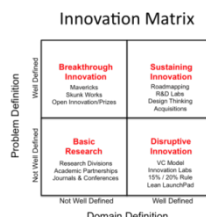


An inventor shared his learning journey on building a human propulsion system in a Ted talk. One of the many takeaways is that falling over is one of the best way to learn.

Source: [TED](#) (June 2017)

INNOVATION

Here's Why Your Innovation Strategy Will Fail



The author acknowledged that there is no perfect solution for all innovation strategies. He introduces an innovation matrix which allows the user to match the right type of problem with the right type of solution that could lead to greater chance of innovation success.

Source: [Digital Tonto](#) (18 June 2017)

IQ

In the AI Age, "Being Smart" Will Mean Something Completely Different



One of the ways to be successful is to be smart or smarter than your peers. However, there is no way that humans can 'outsmart' smart machines like IBM's Watson with its AI capability. So a new definition of the word 'smart' has to be worked out in this current age.

Source: [Harvard Business Review](#) (19 June 2017)

NANO TECHNOLOGY

Switch Solvent, Change Color



A new carbon nanomaterial can change its shape and colour based on the chemical reactions with the solvents used. Read more at [Advanced Materials](#).

Source: [Asian Scientist](#) (20 June 2017)

SOLAR TECHNOLOGY

'Magic' Alloy Could Spur Next Generation of Solar Cells



A new alloy used in the production of "concentrator photovoltaics", a new generation of solar technology, could reduce cost of production by 20% to 30%. Read more at [AIP](#).

Source: [Michigan News](#) (15 June 2017)

WIRELESS CHARGING

Breakthrough Yields Wireless Charging, Shows Potential for Electric Cars



A new [technique](#) that wirelessly charges moving objects within a few feet, paving the way to a charge-as-you-drive system in which electric vehicles can travel longer distance. Read more at [Nature](#).

Source: [R&D Magazine](#) (15 June 2017)