

# Weekly Discovery

We SHARE to inspire and ignite ideas!

1 February 2016 – 5 February 2016

ARTIFICIAL INTELLIGENCE

## Google AI Algorithm Masters Ancient Game Of Go

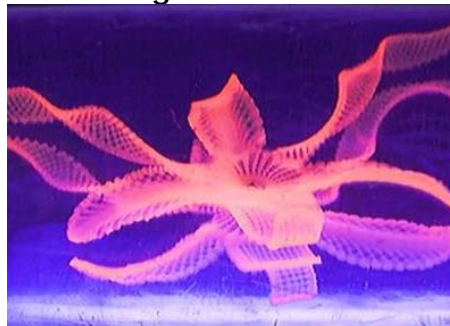


For the first time ever, a computer has beaten a human professional at Go, one of the most challenging games. AlphaGo developed by Google has just defeated the European Go champion five out of five games, with a game with the world championship underway this March! Will this be the turning point in history where a machine outperforms the alleged intelligence of human beings? We have to wait and see.

Source: [Nature News](#) (January 2016)

DIGITAL MANUFACTURING

## 4D Printed Flowers Could Be The First Step Toward A Medical Breakthrough

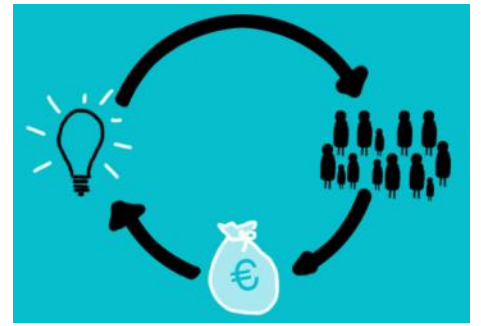


There is one more dimension in 4D printing that 3D printing is incapable of – the printed objects can be designed to shift and flex over time, in a way that mimics nature such as 4D printed flowers that can bend and twist when placed in water. Could this pave the way to produce replacement human organs on demand?

Source: [Inhabitat](#) (January 2016)

ENTREPRENEURSHIP

## How to Crowdfund



Planning to crowdfund your next project? Although crowdfunding seems simple, there are some things you need to take note of, to ensure that your campaign is successful. Check out these useful tips and be ahead in your crowdfunding endeavours!

Source: [Popular Mechanics](#) (March 2016)

INNOVATION

## This 'Self-Filling' Water Bottle Turns Air Into Drinking Water

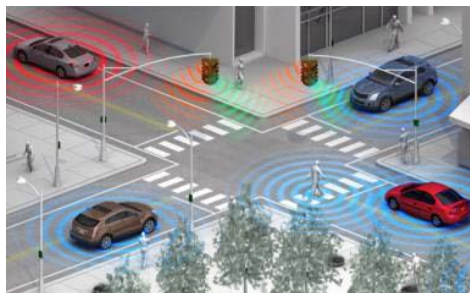


You can now turn your fun cycling into a productive activity with “Fontus” – a water bottle uses moisture from the air and produce clean, drinkable water. Need water when cycling? Just pedal!

Source: [Tech Insider](#) (January 2016)

COMMUNICATIONS

## New Technology Would Allow Cars To Communicate



Thanks to vehicle-to-vehicle (V2V) technology, individual cars (yes, the cars!) can communicate with one another! With information shared at high rates per second, the car could warn drivers before changing lanes or about a hazard ahead. Could this prevent accidents and saves lives?

Source: [WPRI.com](#) (February 2016)

TECHNOLOGY

## Gimball – Safe Drones For Inaccessible Places



Touch the untouchables with Gimball – a collision-tolerant flying robot that could remain stable after coming in contact with possible deterrent. Furthermore, it provides a robust, safe solution to access places that are unreachable by current technologies – eliminating impossibilities in exploration and rescue!

Source: [Flyabaility.com](#)