

# Weekly Discovery

We SHARE to inspire and ignite ideas!

30 May 2016 – 3 June 2016

ARCHITECTURE

## Rotating Tiny House in Portland Soaks Up Sunshine All Day Long

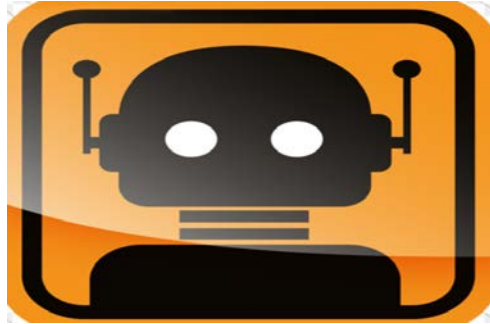


A small rotating house known as '359', located in Portland is able to soak up extra sunlight as it can vary its facing directions. This helps it to remain cool in summer and get warm in winter.

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

ARTIFICIAL INTELLIGENCE

## The Future Will Be Full of Artificially Intelligent Bots

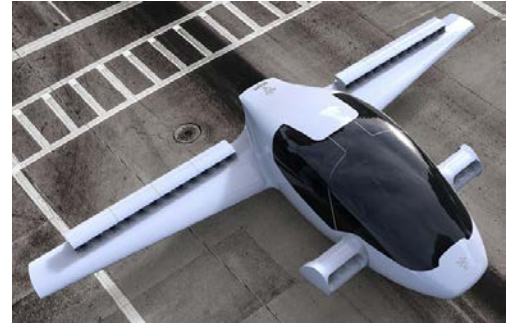


Which celebrity do you want to 'talk' to on Whatsapp? AI scientists are creating various bots, such as chatbots and news bots, that you can communicate with as if they were a friend in your contacts list. You can also view this [Journal Article](#) for further reading.

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

AVIATION ENGINEERING

## This Electric Jet Can Take Off Vertically but Drives Like a Car



Introducing the world's first completely electric jet that can take off and land vertically! The jet is also capable of flying as high as 9,800 feet. Folding back its wings, the aircraft can also be driven like a car.

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

ELECTRIC VEHICLES

## Lopifit Is The 'World's First' Electric Walking Bicycle



Introducing Lopifit, the world's first electric walking bicycle! Developed by [Bruin Bergmeester](#), this bicycle is aimed at those who want to travel long distances without the physical strain of manual pedalling.

Source: [Huffington Post](#) (May 2016)

MATERIALS SCIENCE

## Materials Vie for Pole Position in the Lightweighting Stakes

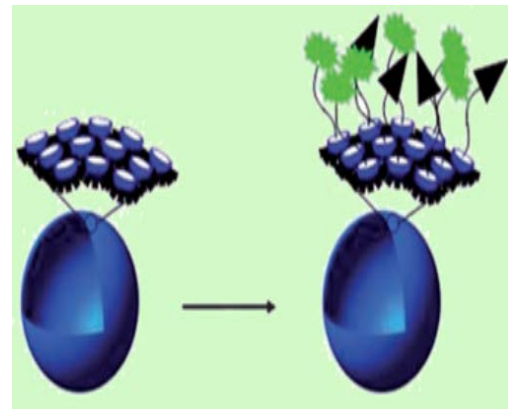


With tightening fuel economy regulations, carmakers, manufacturers, and suppliers are looking for lightweight materials for auto production. Continue reading and learn more about the aluminium, steel, and composites currently in use. **Note:** You may need to sign up for an account with FT [here](#) to view the article.

Source: [Financial Times](#) (May 2016)

NANOTECHNOLOGY

## Unique nano-capsules promise the targeted drug delivery



Scientists at a Russian University have come up with unique nano-capsules. This aims to address the problem with current nanoparticle drug carriers that may release the drug before it arrives at the intended location in the body. Also read this [Journal Article](#) in addition to find out more.

Source: [ScienceDaily](#) (May 2016)

#### ROBOTICS

### Photos of Hyundai's New 'Iron Man suit,' which Gives You Super-strength



Hyundai recently released a new 'wearable robot', named 'Iron Man suit', which enables its wearer to move quickly and lift large loads in the hundreds of kilograms. In addition, learn more in this [Journal Article](#).

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

#### TRANSLATION TECHNOLOGY

### Don't panic! \$130 Babel Fish-like gadget fits inside your ear to translate foreign languages in real-time

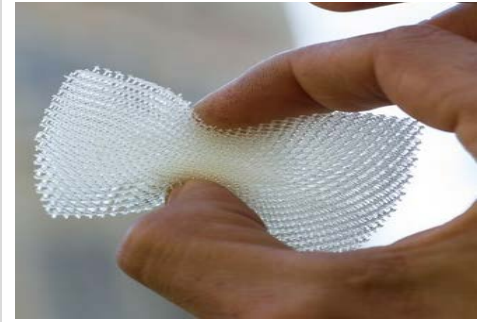


Scared of traveling to a country where you can't speak the language? Fear not! This ear piece can translate for you and break down walls of communication enabling people who speak different languages to converse.

Source: [Dailymail](#) (May 2016)

#### 3D PRINTING

### 3D-Printed Foam Lives Longer than Standard Foam



This 3D-printed foam is intended to be used in protective gear, such as in helmets. It was shown that the 3D-printed foam maintained their mechanical and structural characteristics better than standard foam. Also Read about the 3D-printed foam in this [Journal Article](#).

Source: [Engineering.com](#) (May 2016)

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