

# Weekly Discovery

Our selections to inspire and ignite ideas!

26 October 2015 – 30 October 2015

ENGINEERING

## In Pursuit of the Perfect Power Suit – just like *Iron Man*!

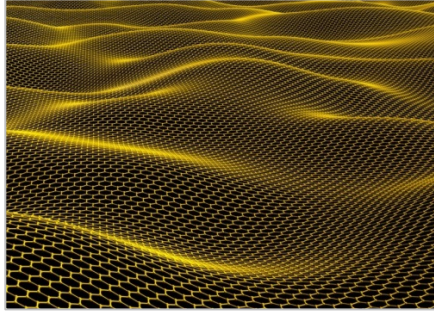


With robotic exoskeletons, soldiers will be empowered with extraordinary strength and endurance with this suit, casually known as the *Iron Man* suit. A possibility for the Singapore Armed Forces?

Source: [Science](#) (October 2015)

ENGINEERING

## Graphene's Top Competitor - Phosphorene



Graphene meets its match! Scientists have discovered Phosphorene's potential in electronics. More than 400 papers have been published on this material this year alone.

Source: [Scientific American](#) (October 2015)

TECHNOLOGY

## Cloudy with a Chance of Drones



A personal drone nearly crashed into a shuttle airplane in New York city early this year. Take a close look into some possible solutions and tactics to avoid any mishaps.

Source: [Scientific American](#) (October 2015)

DESIGN

## Shoes for Athletes with Disabilities



An open letter by a high school junior with cerebral palsy, was all it took for *Nike* to develop a prototype for those with mobility issues. What else could we design for those with such special needs?

Source: [Popular Science](#) (November 2015)

SKILLS

## Be Your Own Best Advocate

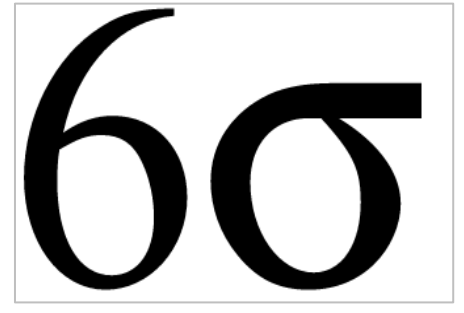


Advocating for yourself can be much less comfortable compared to formal negotiations. Seize everyday negotiation opportunities at work with these four steps - *recognize*, *prepare*, *initiate*, and *navigate*.

Source: [Harvard Business Review](#) (November 2015)

SKILLS

## Introduction to Six Sigma



Some of you might have attended courses related to Six Sigma or you've simply been hearing about it. Still wondering what is it? Take a peek at [this tutorial](#) to get a quick understanding of its fundamentals.

Want to know more? Check out the eBook [Six Sigma Workbook for Dummies](#).

Source: [Lynda.com](#)