

Weekly Discovery

We SHARE to inspire and ignite ideas!

7 December 2015 – 11 December 2015

ARCHITECTURE

A Building That Eats Smog



Imagine a building that could eat smog and digest it to harmless substances! Palazzo Italia is the first building designed to clean the air! The construction material used is able to capture pollutants in the air and convert it to non-polluting compounds, which will be rinsed off when it rains!

Source: [Popular Science](#) (January 2016)

COMMUNICATION

Emotion And The Art Of Negotiation



Negotiations are virtually happening everywhere in our lives, be it important matters like signing an important contract, or striking a better salary with your employer. In this article, the author has shared how emotions can affect negotiations – hence, how to use the right emotion to our advantage.

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

INNOVATION

Eye-Controlled Machines



In the hopes of enabling the severely handicapped with some degree of personal independence, researchers have developed devices & software that are controlled by eye movements to control wheelchairs, computers and video games. What other essential devices could be developed to control with eye movements?

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

LINGUISTICS

On the Future of Language



A well-known linguist predicts that English will have the status of *lingua franca* or common language. Besides other future trends in world languages, he also predicts that languages will be less formal and more simplified versions of language – such as “LOL” - will be used more in smartphones. What’s your take on the future of languages in the world?

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

MATERIALS

Microlattice: The World’s Lightest Metal



Could there be a metal lighter than air and stronger than steel? Yes there is! In the pursuit of minimizing aircraft weight and improving fuel efficiency, Boeing has invented this very light metal – made possible by “[a connected network of struts](#)”. In what other ways such a metal be used for?

Source: [JSTOR](#) (December 2015)

TECHNOLOGY

How Microsoft's Hololens May Change Everything For Industrial And Mechanical Designers



Product designers can now get to see their prototype even before it is created with Microsoft HoloLens which mixes reality holographic experiences that can be manipulated. Will you use it to visualize your designs in 3-D?

Source: [Fast Company](#) (November 2015)