

Weekly Discovery

We SHARE to inspire and ignite ideas!

5 September 2016 – 9 September 2016

ARCHITECTURE

Spotlight: Kenzō Tange



This [article](#) commemorates Kenzo Tange's 103rd birthday by featuring some of the buildings designed by him. He is a renowned architect who won the prestigious Pritzker Architecture Prize in 1987.

Source: [Archdaily.com](#) (4 September 2016)

COMMUNICATION

How to articulate your research to non-academic audiences



Learn how to present results of research work in a clear, concise manner to those who are not in academia by following the tips provided [here](#).

Source: [Thomson Reuters](#) (September 2016)

INTELLECTUAL PROPERTY

15 Surprising Things that Can't Be Copyrighted

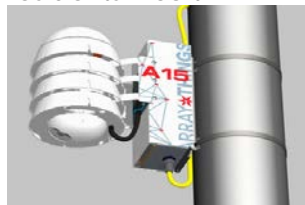


This [article](#) helps you to recall what is copyright and what can or cannot be copyrighted. It also discusses other ways to protect individual works, such as trademarks and patents.

Source: [Inc.com](#) (29 August 2016)

INTERNET OF THINGS(IoT)

Chicago installs "fitness tracker for the city" to improve infrastructure and residents' health

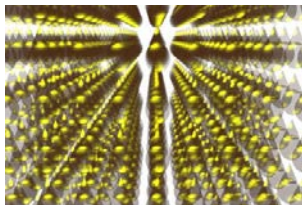


Presenting a city-wide fitness tracker! 500 sensors were installed as part of an Internet of Things project in Chicago. These sensors can convey information about weather conditions to people, too.

Source: [Dezeen](#) (31 August 2016)

MAGNETISM

Magnetism under the magnifying glass



Physicists have recently designed a [method](#) to enhance precision in spintronic devices. This method can be easily applied to current laboratory devices without requiring modifications.

Also read this [NATURE Article](#).

Source: [Sciencedaily](#) (31 August 2016)

MATERIAL SCIENCE

Breakthrough T-Shirt Supermaterial Is Like Wearing Nothing at All



This [new fabric](#) can let you stay cool in hot summers, being hyper-breathable and scalable for wearability. Compared to cotton or plastic textiles, this supermaterial can make you feel 4 degrees cooler.

More details in this [SCIENCE Article](#)

Source: [Popular Mechanics](#) (1 September 2016)

MOBILE TECHNOLOGY

New digital antenna could revolutionize the future of mobile phones

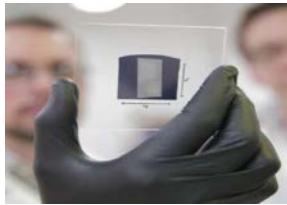


Discover a [new digital antenna](#). Multiple small antenna elements were combined to work together as a single antenna that can operate digitally at any frequency. The antenna allows for faster data transmission. Also Read this [IEEE Article](#)

Source: [Phys.org](#) (31 August 2016)

NANOTECHNOLOGY

For first time, carbon nanotube transistors outperform silicon



Materials engineers designed carbon nanotube transistors that outperform silicon transistors. Carbon nanotubes may possibly be used in high-speed communications applications and other semiconductor electronics technologies.

Also read this [SCIENCE Article](#)

Source: [Phys.org](#) (2 September 2016)

SMART CITIES

Panasonic to test 'smart city' living in Berlin



Panasonic is going to introduce a "smart city" building in Germany. This project presents a comprehensive approach to the smart city concept, from renewable energy to facial recognition security and Internet of Things connectivity.

Source: [Financial Times](#) (31 August 2016)

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