

The Internet of Things

Making the Physical World Smarter

Featured Speaker: Justin Grammens

Date: WEDNESDAY, APRIL 17

Time: 6:30-8:30 P.M.

JOHN CARROLL UNIVERSITY

DOLAN SCIENCE CENTER FOR TECHNOLOGY

O'CONNELL READING ROOM



The Internet of Things (IoT) can be found in your home, your office, your car and your city - but what is it? how is it being used? and what's coming in the future? The IoT is the network of ordinary, every day objects being embedded with electronics, software, sensors and connectivity. This gives them intelligence that they never had before and transforms the way that that we live and interact with the world.

It can sound like science-fiction, but products like smart cars, thermostats controlled from a smartphone, streetlight sensors, and medication dispensing devices are already creating efficiency, safety, and comfort. With more than 20 billion connected devices projected by 2020, the IoT is one of the most exciting and fastest growing areas of technology today.

As with all new technologies, there are hurdles around compatibility, security, data privacy, artificial intelligence and ease of use that are still being developed. I will share the history of IoT, how it has evolved and is being used in various industries today and what is coming in the future.

LAB651:

Lab651 helps companies bring their IoT products to life. Based out of Saint Paul, MN (area code 651) we use sensors, devices, cloud, mobile apps and data science to give visibility and efficiency to save businesses time and money. With more than 1,000 projects collectively under our belts, we've seen it all. From helping companies build their first, second or third generation connected product, to sharing our knowledge by training organizations on how to leverage the Internet of Things, Lab651 makes new things possible.

Justin lives at the intersection of emerging technology and leading organizations on the Internet of Things. He is a Co-Founder of Lab651, where he helps Fortune 100 companies develop devices and software that generate data to help them decrease costs, open new revenue streams or improve the quality of life. He is the owner of IoT Weekly, a free curated newsletter with industry expert perspectives on the Internet of Things, a co-founder of IoT Fuse, a 501(c)(3) non-profit with the mission to position Minnesota as a leader on the Internet of Things and an adjunct professor at the University of Saint Thomas teaching a graduate level course on the Internet of Things.

A proven leader and builder of technology, Grammens was named one of the 2016 (Real) Power 50 by Minnesota Business Magazine, speaks at countless technology conferences, co-launched Minnesota's first Internet of Things Hack Day where inventors compete to build the best Internet enabled product in 12 hours and is a mentor to students of all ages through CoderDojo Twin Cities and Macalester College's MacStartups program. Most importantly, he enjoys family movie nights with his wife and two boys.

QUESTIONS?

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