



THE CHINESE UNIVERSITY OF HONG KONG
Department of Information Engineering

Seminar

**Inventing in the Modern World: a story of inspiration,
collaboration and perturbation. Also, 3D displays**
by
Mr. Alex Hornstein and Mr. Shawn Frayne
Haddock Inventions, and Mantis Shrimp Inventions

Date : 13 June, 2014 (Friday)
Time : 11:00am – 12:00noon
Venue : Room 1009 William M.W. Mong Engineering Building
The Chinese University of Hong Kong

Abstract

Alex Hornstein and Shawn Frayne have been spending the last decade obsessed with the dream of a modern invention lab. They will share their experiences working on invention with stories that range from the delightfully inspiring to the tragically hilarious. Beyond the individual inventions, there is another fundamental question: there were specific models for invention that gave rise to the world's technology in the 1800s and 1900s, like huge labs by private individuals or even huger labs paired with large corporations. None of these invention labs exist anymore, and the circumstances that gave birth to those labs have changed. So whose inventions are going to shape the world in this century? What kind of structure and collaborations will give birth to those inventions? Shawn and Alex will go through their own experiences and insights about what the present and future of invention could look like. For anyone interested in how we dream up the future, please come and shout out ideas at them while they talk.

They will also go into detail on the technical and social hurdles around their latest set of inventions, 3D volumetric printing and a 3D video display.

Biography

Alex Hornstein did a Bachelors in EECS at MIT and graduated in 2007. Since then he's been a serial entrepreneur/ideas-man -- starting with stints in Idealabs and DWPower, and then funding NUBlabs, FABtours, a Hong Kong incubator. Currently he is involved in the Solar Pocket Factory, Looking Glass and the invention companies Haddock Inventions, and Mantis Shrimp Inventions with his partner-in-crime Shawn Frayne.

Shawn graduated in 2003 with his BS in Physics at MIT, and since then, among other things, invented the Windbelt, claimed to be 10-30 times more efficient than small wind turbines (winning a Breakthrough Award in 2007).

**** ALL ARE WELCOME ****