

**Where Technologist and Entrepreneur Meet
To
Stimulate Academic Spin-offs:**
(Lessons Learned from three old photos, Experiences Sharing and Suggestions)

By

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Abstract

As indicated by Professor John L. Hennessy (Chairman of Alphabet, and former President of Stanford University), “High-technology companies are both an important part of our world’s economic growth story as well as the place where many young entrepreneurs realize their dreams”.

Starting from three old photos which were taken over 21 ~ 37 years ago, the speaker will first share his own story on how and why to develop three world’s first prototypes: Touch Phone (1982), ADSL (1987), and the Personal Access Communications System (1998), with audiences. He will then couple his R&D experiences of over 35 years in US industry and 8 years in Academia across the world with his global touch and involvements with several start-ups, this talk will blend technologies, liberal arts, creativity, innovation, business and management together to guide the audiences to go through an entire process from “**Curiosity > Opportunity> Business Model> Risk Management> Technology Commercialization> Money**”. An interesting and challenging question on “Digital Transformation Is Here, What Is Next ?” will be also briefly discussed. At the end of this talk, the speaker hopes that the audiences will have a first-hand feeling to understand how an entrepreneur transfers his (her) curiosity, hard work, and ambition at the very early stage into decisive actions of establishing their own enterprise, and then eventually expand it to one of the top Fortunate 500 corporations in the world.

In the meantime, the creation of academic spin-offs from universities research labs and research institutes are now playing a key mechanism of the technology

commercialization for IPRs-based research prototypes. University spin-offs are now starting to play a critical role for economic development, Commercializing university technologies and also helping university with their major missions of research and teaching

Based on speaker's own experiences as corporate director and executive director for 26 years; university professor (since 2012); and board member, board advisor and mentor for several academic-spinoffs (since 2013), the action of "Academic Spin-offs: Why, How and What" will be discussed. Hopefully this talk might be able to stimulate audience's entrepreneurial spirit, and ultimately encourage some of faculty members and students to make their dreams of having their own Technology Start-Ups through Academic Spin-offs.