

SILICON VALLEY STUDY TOUR

21st-25th October 2019



SILICON VALLEY STUDY TOUR

21st-25th October 2019

A STUDY TOUR in the Silicon Valley is a deeply immersive Lean&Digital experience on **Open Innovation, Artificial Intelligence, Blockchain, Fast Prototyping and Manufacturing Design** thanks to highly customized tours in Industry 4.0 plants like **Jubil** and **Tesla Gigafactory**, Executive Workshops at the **University of Berkeley** and meetings with **innovative Startups and organizations**.

Tour goals:

- Seeing first hand Industry 4.0 technological applications already changing existing business models
- Experiencing in the field Best Practices in the introduction and implementation of Lean&Digital solutions in manufacturing and product development areas
- Gaining insights on the impacts this Digital Transformation is having on organizations and human resources
- Understanding how it is possible to innovate more

SILICON VALLEY STUDY TOUR

21st - 25th October 2019

The Study Tour highlights:

- Daily group debriefing, held by a Lean Expert, to maximize benefits from the shared experience
- Direct interaction with local working environment and local Managers
- Sharing other entrepreneurs and managers experiences away from everyday routine

SILICON VALLEY STUDY TOUR

AGENDA to be confirmed (21st - 25th October 2019)

Time	Silicon Valley (San Francisco Area)			Reno (Nevada)	Silicon Valley (San Francisco Area)	
	Monday 21 st October	Tuesday 22 nd October	Wednesday 23 rd October	Thursday 24 th October	Friday 25 th October	
	Hotel pick up at 08,00 a.m.	Hotel pick up at 8,30 a.m.	Hotel pick up at 08,30 a.m.	Hotel pick up at 8,20 a.m.	Hotel pick up at 08,45 a.m.	
9:00 AM	Orientation Meeting	Transfer	Transfer	Site visit TESLA Gigafactory Tour Leader Adam Kirby Factory Tour Coordinator	Site visit HTC Vive	
9:30 AM						
10:00 AM	UC Berkeley Sutardja Center for Entrepreneurship & Technology	Site visit Jabil Blue Sky Center	Site visit Sight Machine		Tour and visits Truckee Meadows Community College Applied Technology Center	Transfer
10:30 AM						
11:00 AM		Transfer	Transfer	Site visit Astro Studios		
11:30 AM	Lunch Break	Site visit HONDA	University of Nevada Reno Center for Applied Research Visit University of Nevada Reno			
12:00 PM						
12:30 PM	Workshop on Open Innovation	Lunch Break	Site visit HONDA	University of Nevada Reno Center for Applied Research Visit University of Nevada Reno	Lunch Break	
1:00 PM						
1:30 PM	Prof. Ken Singer Managing Director	Blockchain Talk Mr. Miko Matsumura Venture Capitalist & Co- founder at Evercoin	Lunch Break	University of Nevada Reno Center for Applied Research Visit University of Nevada Reno	Lunch Break	
2:00 PM						
2:30 PM	Prof. Ikhlaz Sidhu Founding Director & Chief Scientist	Transfer	Transfer to SFO Airport	Transfer to Reno Airport	Round Table discussion Facilitator: Chris Burry	
3:00 PM						
3:30 PM	Site visit Lenovo Facilitator: Ed Soo Hoo	Transfer to SFO Airport	Transfer to SFO Airport	Transfer to Reno Airport	Round Table discussion Facilitator: Chris Burry	
4:00 PM						
4:30 PM	Dinner and Free Time	Dinner and Free Time	Dinner and Free Time	Dinner and Free Time	End of the Tour	
5:00 PM						

Silicon Valley - Overview

The first published use of the term *Silicon Valley* is credited to Don Hoefler, referring the southern San Francisco Bay Area of Northern California and to the Santa Clara Valley regions.

The word "silicon" originally was used in reference to the large number of silicon chip innovators and manufacturers in the region, but the area is now home to many of the world's largest high-tech corporations, including the headquarters of 39 businesses in the Fortune 1000, and thousands of startup companies.

Silicon Valley also accounts for one-third of all of venture capital investment in the United States, which has helped it become a leading hub and startup ecosystem for high-tech innovation and scientific development.



UNIVERSITY OF BERKELEY

Berkeley University is ranked among the most awarded universities. 94 Berkeley professors have won a Nobel Prize. In addition, over the years, the University has been awarded: 9 Wolf Prizes, 7 Fields Medals, 18 Turing Awards, 45 MacArthur Fellowships, 20 Academy Awards, 9 James S. McDonnell Foundation awards and 11 Pulitzer Prizes

The Pantas and Ting Sutardja Center for Entrepreneurship & Technology is the premiere institution at UC Berkeley for the study and practice of entrepreneurship and technology innovation.

The Pantas and Ting Sutardja Center for Entrepreneurship & Technology is also known for developing the «Berkeley Method of Entrepreneurship (BMoE)», an internationally recognized approach to teaching technology entrepreneurship for professionals and executives.

Berkeley
UNIVERSITY OF CALIFORNIA



Workshop: OPEN INNOVATION INTENSIVE

This workshop will provide insights and hands-on experiences on innovation in technology, processes and organization/mind-sets which are needed in the manufacturing industry.

Key concepts explored in the workshop include:

- A framework for Open Innovation
- Cumulative Learning of firms over the past decade
- How firms can apply Open Innovation using new show case of the Innovation Collider at UC Berkeley
- Changes in how firms can look at advanced product development and R&D and how it affects the futures of corporate incubation.

Focus: this program explores key management and leadership concepts needed for today's most innovative firms to benefit from Open Innovation



Jabil

Jabil is a **product solutions company** on

4 sets of solutions:

- Accelerated Innovation Solutions
- Global Manufacturing Agility Solutions
- Engineering Excellence
- Supply Chain Orchestration Solutions

SITE VISIT GOAL:

During the visit, participants will gain insights on how to accelerate change and achieve digital business advantage. In particular:

- Global supply chain management
- New technologies applied in new product development

JABIL



BlockChain Talk - Speaker Miko Matsumura



Miko Matsumura founded crypto exchange Evercoin, and is a General Partner with Gumi Cryptos Capital.

He is also a venture partner with BitBull Capital and an advisor to Arrington XRP Capital.

He is an advisor to LCX, the Liechtenstein Cryptocurrency Exchange. He is an investor in Pantera Capital.

He is personally invested in FileCoin, Brave, CIVIC, Propy, Telegram, Mainframe and Lyft.

As chief Evangelist for the Java Language and Platform he participated in the first wave of the Internet, and is now fully engaged in the crypto-fueled Internet of value. As a 25 year operating executive in Silicon Valley, he has raised over \$50 million in capital for Open Source startups.

He was an advisor to AI startup Sentient during their 100M series C and currently has advised cryptocurrency startups with over \$250M in capital raise such as Guardian Circle (Decentralized Global 911 Emergency Services), WiFiCoin, Lottery.com and Hub (Decentralizing Professional Social Networking). He is also an LP with Focus Ventures, a firm with over \$800M under management, 9 IPOs and 44 exits.

He holds an Master's degree in Neuroscience from Yale University where he worked on abstract computational neural networks. He's leads the Crypto Underground meetup in San Francisco and is a speaker at many conferences including The World Knowledge Forum, D10e, Token Fest, Coin Agenda, Block Con, Global Blockchain Summit, The Future of Money Summit and a thought leader at AFP the largest organization of Financial Professionals in the US.

Lenovo – Facilitator: Ed Soo Hoo (Lenovo's Data Center evangelist)



Sight Machine

Founded in Michigan in 2011.

Sight Machine fuses the spirit of Silicon Valley technology innovation with rock-solid Detroit manufacturing.

Sight Machine is used by Global 500 companies to make better, faster decisions about their manufacturing operations. Sight Machine's analytics platform, purpose-built for discrete and process manufacturing, uses artificial intelligence, machine learning, and advanced analytics to help address critical challenges in quality and productivity throughout the enterprise.

SITE VISIT GOAL:

During the visit, participants will appreciate Machine Learning, Artificial Intelligence and Advanced Analytics full potential



HONDA

Honda Innovations Center drives transformative collaboration within all areas of Honda.

Innovators are engaged in an open and friendly environment to transform technology and business favoring incremental innovations.



OUR FOCUS AREAS



AI/Robotics



Connected Vehicle



Human Machine Interface



Industrial Innovation



Personal/Shared Mobility



Vehicle Data Business



In-Vehicle Apps



Energy Innovation

Tesla Gigafactory

The Tesla Gigafactory 1 is a lithium-ion battery and electric vehicle subassembly factory.

Tesla's mission is to accelerate the world's transition to sustainable energy through increasingly affordable electric vehicles and energy products. To ramp production to 500,000 cars per year, Tesla alone will require today's entire worldwide supply of lithium-ion batteries.

Tesla broke ground on the Gigafactory in June 2014 outside Sparks, Nevada. The name Gigafactory comes from the word 'Giga,' the unit of measurement representing "billions."

Gigafactory 1 is aligned on true north, which was done so that the equipment can be mapped by GPS and solar panels on the roof can be accurately aligned. Also the factory has been designed to be entirely energy self-reliant. Tesla intends to power the structure through a combination of on-site solar, wind and geo-thermal sources. The building will have the largest footprint in the world and second largest volume when completed.

SITE VISIT GOAL:

During the tour, participants will appreciate Digital Manufacturing solutions implementation in the plant.



HTC Vive

HTC Corporation (High Tech Computer Corporation) is a Taiwanese consumer electronics company headquartered in Taiwan.

Valve Corporation is an American video game developer, publisher and digital distribution company headquartered in Washington. It is the developer of the software distribution platform Steam and the Half-Life, Counter-Strike, Portal, Day of Defeat, Team Fortress, Left 4 Dead, and Dota 2 games.

HTC Vive is a joint venture among these two organizations to develop a virtual reality hardware, software and creative platforms



Astro Studios

Astro supports its clients in designing innovative products which combine technologies and Life Science, among which: Compaq IPAQ Pocket PC, Microsoft's Xbox 360 and Xbox 360 accessories.

The company has received international awards such as:

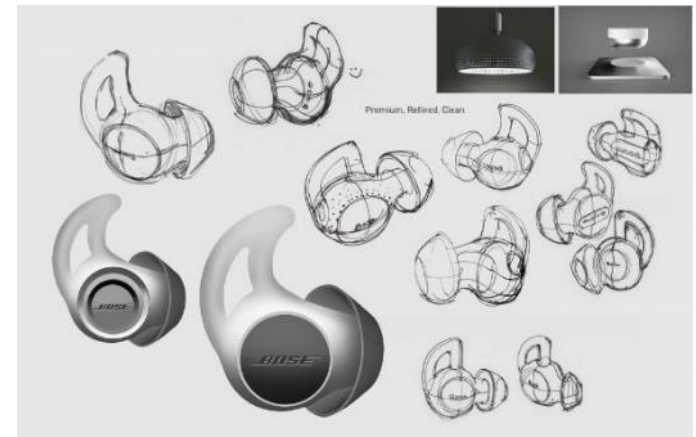
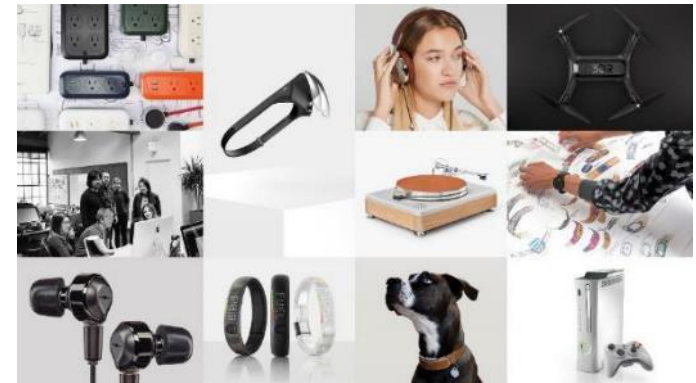
- Decade Awards by BusinessWeek / Industrial Designers Society of America (IDSA)
- American Institute of Graphic Arts (AIGA) 365 Awards.

Agenda:

1. Company overview
2. Plant tour
3. Final round table and Q&A session

SITE VISIT GOALS:

- Appreciating a successful example of Open Innovation
- Experiencing the impact of Digital Approach influence on the product development



Final roundtable – Facilitator: Chris Burry



Chris Burry is a serial entrepreneur with over 30 years' experience as an entrepreneur.

Chris started and sold his first company while in college. Since then, he has been involved in founding eight more startups. One was sold to Electronic Data Systems in the early 1990's.

Another, Avanade, was founded in late 1999. When Chris left in 2009, the company had reached \$1B USD in revenue with operations in almost 30 countries. In addition

Chris is an Industry Fellow at UC Berkeley and a partner in a venture capital firm.

A wide-angle photograph of a modern architectural complex featuring several cylindrical and rectangular glass-walled buildings. The buildings are situated behind a large, calm body of water that reflects their blue-tinted glass surfaces. In the foreground, a paved walkway runs along the left side of the water, bordered by green grass and a row of trees. The sky is clear and blue. The text "THANK YOU FOR YOUR ATTENTION" is overlaid in white, bold, sans-serif font across the middle of the image.

THANK YOU FOR YOUR ATTENTION