

## Symposium Speakers – Machine Learning and Artificial Intelligence



**Tim Hwang**  
CEO  
FiscalNote

### **FiscalNote, Machine Learning, and the 21<sup>st</sup> Century Oil Rush**

**Tim Hwang** is currently the Founder and CEO of FiscalNote, a real-time legal analytics platform that uses AI and natural language processing to help global organizations manage their relationships with all levels of government and maximize impact on legislation and regulation. The 150-person company now powers some of the world's largest and most influential law firms, legal departments, and governments. Tim was profiled in Forbes 30 Under 30, Inc. 30 Under 30, CNN's Top 10 Startups, and many others. He is a graduate of Princeton and currently deferring Harvard Business School. He is also currently a World Economic Forum Technology Pioneer.

**Abstract:**

The data analytics and machine learning industries have exploded in the last decade, paving the way for new industries and growth. As a leader in data ingestion and natural language processing, FiscalNote's story is a prime example of the growing industry. The opportunities it presents are to disrupt industries of the past and create industries of the future.

### **Engineering the Future**



**Dr. David Treichler**  
Director Strategy and  
Technology  
Oncor Electric Delivery

**David Treichler** is the Director Strategy and Technology for Oncor Electric Delivery. He joined Oncor in 2013. He has a diverse background with senior roles in education, classified intelligence and defense. He also holds MBA, PhD and Six Sigma Master Black Belt/Malcolm Baldrige assessor credential. His current role is to grow the utility focusing on strategy and technology integration. David is also a novelist who writes about the effects of technology change on human relations.

**Abstract:**

In this interactive session, David will discuss the mega trends in engineering: the world is becoming increasingly soft as in software, the world is becoming algorithmically dependent, the world has access to more knowledge than ever before, but we know less. Communications will become more filtered, fast and focused. Therefore, what we know today may be worthless tomorrow. All these fast-changing trends post a lot of requirements for engineers. David will talk about his thoughts on these trends and share his observations.

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## Mission Impossible: Artificial Intelligence Engineering



**Dr. Logan Song**

**Founder and President**

**DFW Chinese IT  
Association LLC**

**Logan Song** graduated from Tsinghua University with Bachelor's degree in Electrical Engineering and Master's in Management Engineering. He obtained his PhD in Industrial Engineering from the State University of New York at Buffalo. Currently Dr. Song is a cloud technical manager in the world's top cloud computing company, involving in areas of IOT, Big Data and Artificial Intelligence. In the past 20 years, Dr. Song has led numerous big projects for Wall street investment banks and achieved numerous IT professional certifications including all five AWS certifications. While working as an industrial expert, Dr. Song has been actively volunteering in social activities and community services. He has been a keynote speaker and Panel member in New Jersey Institute of technology, New Jersey Chinese Computer Professional Society, Dallas Data Scientist Conferences and so on. Dr. Song is the founder and president of DFW Chinese IT Association.

### **Abstract:**

We have reached the era of revolution "ABC": Artificial Intelligence, Big Data and Cloud Computing. In the past years, the Internet has changed our life so much, and now something is coming to change more: Artificial Intelligence Engineering. Starting with the comparison between human being intelligence and machine artificial intelligence, Dr. Song will discuss what AI can do - Artificial Intelligence engineering and its impact to our life in the future. Dr. Song will also brief the frontier Artificial Intelligence engineering work, both in academic researches and industrial implementations. He will discuss what we can do to master and then utilize Artificial Intelligence engineering and realize future "impossible" missions.