

Research & Technology Seminar

Silicon Engineering the Internet of Things & Trends in Future of Work in Electronic Industry

Farhad Mafie

President and CEO of Savant Company Inc.

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Abstract:

In this open discussion and presentation forum new trends in the electronic industry will be discussed and how more and more companies are trying to be self-sufficient in their hardware and software development in order to penetrate into new markets, gain more market shares and offer differentiating products in a competitive environment. The silicon engineering trends in various IoT market segments will be reviewed as an evolving “example” that clearly shows how electronic industry is transforming from a complementary ecosystem model back to a collection of centralized and closed loop individual enormous enterprises. How this transformation has been changing the job market for many hardware and software engineers seeking exciting and rewarding technical positions in our fascinating industry will be discussed. And finally, some of the forthcoming disruptive technologies that will further transform the job market and our industries will be presented.

Speaker Bio:



Farhad Mafie, President and CEO of Savant Company Inc., has over 25 years of experience in high-tech industries including semiconductor and computer businesses; additionally, he has more than 15 years of university-level teaching experience. A seasoned technical executive with extensive global experience in marketing, sales, and engineering. He enjoys developing business plan and go-to-market strategies for innovative and disruptive technologies, deal making, developing strategic alliances and partnerships.

In 2017, he also became the CEO of Handycash Inc., a newly formed startup in Switzerland, developing an innovative mobile payment system based on Blockchain technology that will be launched in May 2019 in Germany.

Farhad is an author and a translator. In 2003, he published the biography of Iranian poet and Nobel nominee who lived in exile, Nader Naderpour (1929-2000), Iranian Poet, Thinker, Patriot. Farhad is also Editor-in-Chief for the CRC Press SoC Design and Technologies Book Series, which includes (1) Low-Power NoC for High-Performance SoC Design and (2) Design of Cost-Efficient Interconnect Processing Units.

Farhad is a member of two UCI Advisory Committees: Communication System Engineering and Embedded System Engineering Certificate Programs. He is also the chair of IEEE Orange County Solid-State Circuits Society (SSCS), as well as IEEE Orange County Entrepreneurs' Network (OCEN).