Stanford

Ali Keshavarzi

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Bio

BIO

Ali Keshavarzi, Ph.D. is an Adjunct Professor in Electrical Engineering at Stanford University. Ali is involved in scholarly research and is an advisor to Stanford SystemX IoE Research (IoE = Internet of Everything). Currently Ali is a DARPA program manager in Microsystems Technology Office (MTO) defining impactful research frontiers in microelectronics. Ali is working on Software Defined Hardware (SDH) Program and on Foundation Required for Novel Compute (FRANC) Program while defining new concepts to push research forward on the technology, computing architecture, and data-centric application domains. Before his current role at DARPA, Ali was working with DARPA as an advisor and subject matter expert on the Electronic Resurgence Initiative (ERI). Ali is a member of DARPA MTO Investor Working Board (IWB) and the Embedded Entrepreneurship Initiative (EEI). Ali is a principal and the founder of Leading Edge Research LLC, Los Altos, CA.

Ali is a technology visionary and a leader who has been at the forefront of technology innovation with a track record of delivering critical process technologies, devices, circuits, SoCs, and modules to the semiconductor industry. Ali was the Vice President of R&D and a Fellow at Cypress Semiconductor and held various positions at Intel, TSMC, and GLOBALFOUNDRIES in a variety of technical and leadership roles over 25 years. Ali was a visiting research professor at UC Berkeley from 2017 to 2018.

Ali is an IEEE Fellow. He has over 60 U.S. patents, over 70 peer reviewed papers, has received best-paper awards and the best-panel award at ISSCC, most paper citation awards from DAC and IEDM. He has served in TPC of IEDM and ISSCC and has been the general chair of ISLPED. He received the prestigious Intel Achievement Award (IAA). Ali was awarded a distinguished Outstanding Electrical and Computer Engineer (OECE) of Purdue University.

https://engineering.purdue.edu/ECE/InfoFor/Alums/OECE/2015/keshavarzi.html