CIS AdCom Dinner
Tuesday, November 12, 2013
Reception at 5:30 p.m. - Dinner at 6:00 p.m.
Stanford Faculty Club

Guest Speaker:
Dr. Ahmad Bahai, CTO, Texas Instruments
“More than Moore and Nyquist”

Dr. Ahmad Bahai is the Chief Technology Officer of TI’s Analog Business and director of TI Corporate Research, Kilby Labs. He was previously CTO and director of research labs at National Semiconductor. He also is a Consulting Professor at Stanford University and IEEE Fellow.

Previously, Dr. Bahai was the technical manager of the communication and mixed-signal processing research group at Bell Laboratories until 1997 and Professor-In-Residence at University of California, Berkeley. He later co-founded Algorex, an IC and system design company for communication and acoustic applications, which was acquired by National.

He co-invented the multi-carrier spread spectrum theory, which is being used in many modern communication systems, such as 4G and power line communication. He authored the first textbook on orthogonal frequency-division multiplexing (OFDM) in 1999 and served as the associate editor of IEEE journals for five years. He also served in ISSCC technical steering committee until 2011.

He has served as technology advisor for many major energy initiatives in Europe and China, industrial advisory board of University of California, and Visiting Professor at Cheng Du University in China.

Dr. Bahai has more than 80 IEEE/IEE publications and 35 patents on systems and circuits. He received his Master of Science degree from Imperial College, University of London and Ph.D. from University of California at Berkeley, all in electrical engineering.