CECS DISTINGUISHED LECTURE

Presents

"Mobile Technology Enabling Frictionless HealthCare"

Aiman Abdel-Malek, PhD
Vice President, Engineering, Qualcomm Life
Founder & CEO, Frictionless Life Analytics

Abstract: With Smart mobile devices being the fastest growing consumer platform in history, it is becoming a huge enabler to new business models that reduce friction in daily life. Aiman will introduce how mobile technology is creating solutions to many of the current healthcare issues and enabling moving care from the hospital to the home.

Biography: Aiman joined Qualcomm Life from General Electric's Healthcare Division in Sept 2012, where he served as GM and CTO for the Global Services Technology business, a $5 billion division of GE healthcare. There he led a global engineering team responsible for the development of software and systems platforms for predictive remote service technology and healthcare operational efficiency and quality applications. Aiman served GE for 25 years; 10 years in R&D helping the development of GE's first digital x-ray mammography system and digital Ultrasound system. He then moved to GE Transportation to start and manage the first Satellite wireless-based Locomotive Remote Predictive Services business, which currently runs on over 20,000 locomotives. Afterward, he took an expat assignment in the United Kingdom, as technology managing director for the Pipeline Inspection Services, a $400 million global business unit of GE Oil and Gas. Aiman's technical expertise is in the development of vision inspired signal processing algorithms for aerospace, industrial and medical applications. He earned his PhD in Systems & Biomedical engineering from the University of Southern California, completing post-doctoral research at UCLA in neurology. He is a senior member of the IEEE and holds over 22 US and international patents. He serves as a member of the Scientific Advisory Board for the Qualcomm-Xprize Tricorder competition. Also, he served on GE's Corporate Software Board, and as an executive leader for the Image & Signal Processing Technology Council for GE Healthcare. Aiman recently founded his own company, which aims at helping guide California startups & ventures move from "concept" to "scale" in most frictionless path. He is also a Board Advisor to few startups.

Tuesday, November 10, 2015 - 3:00pm
Engineering Hall 2430
Host: Prof. Fadi Kurdahi