

High-performance stand-alone mixed-signal deep neural network accelerator for AI-based applications

Speaker: Dr. Farnood Merrikh Bayat

Wednesday, Sept 6, 2017 at 6:30 pm

Location: California Lutheran University, Gilbert Sports and Fitness Center

Meetings are free and open to the public

RSVP at www.ieee-bv.org/meet/2017-09-raia

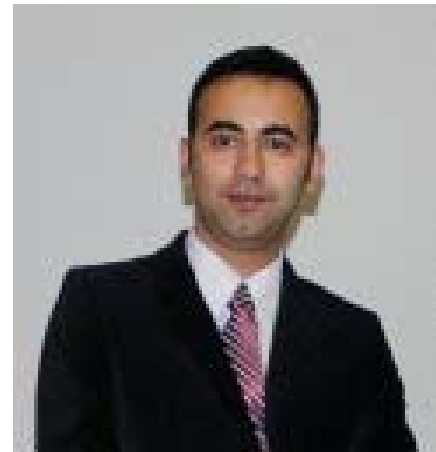
High-performance stand-alone mixed-signal deep neural network accelerator for AI-based applications

6:30 pm for networking & pizza

7:00 pm talk by the speaker

Speaker: Dr. Farnood Merrikh Bayat of UCSB and CTO of Mentium Technologies Inc.

Dr. Farnood Merrikh Bayat received his M.Sc. and first Ph.D. in Electrical Engineering from Sharif University of Technology, Iran. He then joined the Computer Engineering Department of University of California Santa Barbara to earn his second Ph.D. where he later served as a PostDoc for two years.



Dr. Merrikh Bayat has worked in the fields of signal processing, fuzzy logic, approximate computing, analog circuit design, nanoelectronics and neuro-fuzzy computing systems but his current research interests are in the design and hardware implementation of high-performance deep neural networks and neuromorphic systems based on nanoelectronics memory devices such as memristor and floating-gate (flash) transistor. Notably, he was the lead scientist for the first successful demonstration of large-scale neural network hardware based on integrated floating-gate transistors.

CLU - Gilbert Sports and Fitness Center, 2nd Floor, Room 253

California Lutheran University

130 Overton Court

Thousand Oaks, CA 91360

[\(map\)](#)

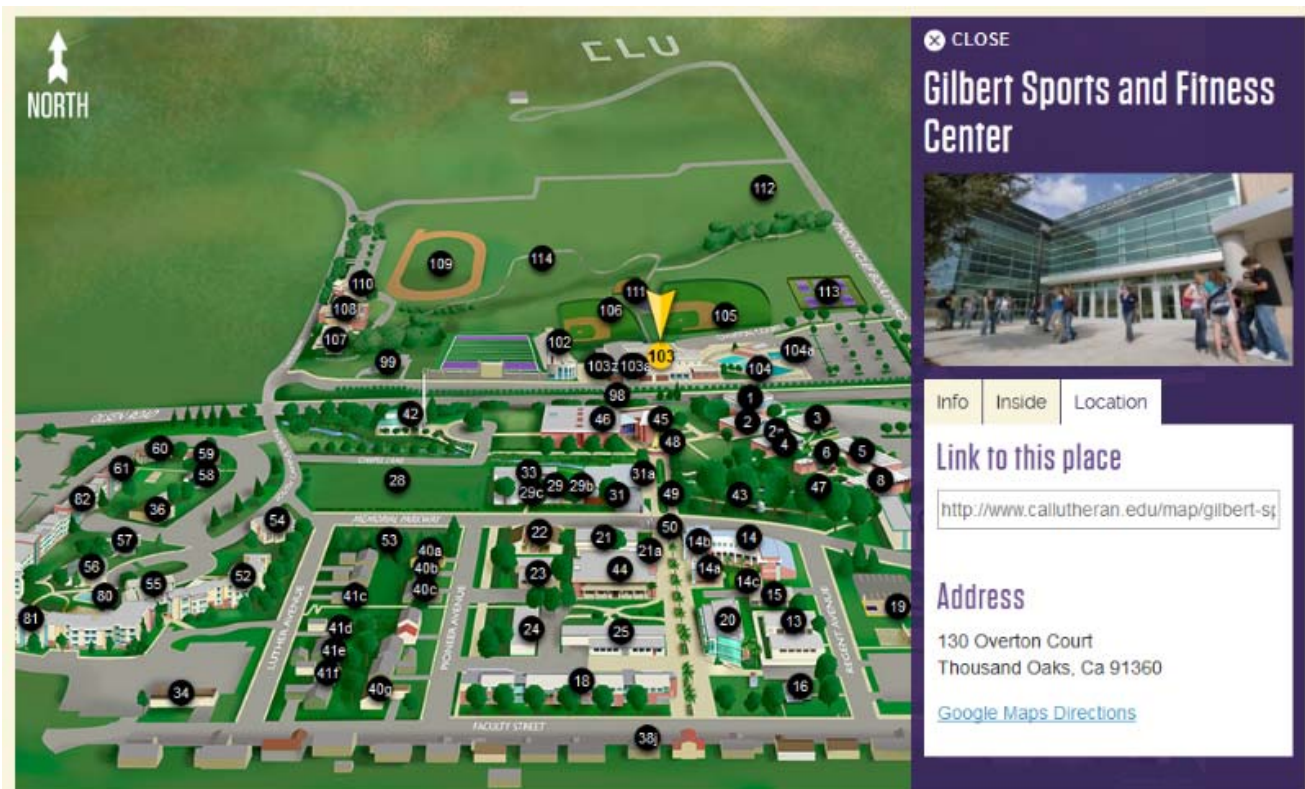
Location: California Lutheran University
Gilbert Sports and Fitness Center, 2nd floor, Rooms 253/254.
130 Overton Court, Thousand Oaks, CA 91360.
Pizza/networking starts at 6:30 pm
Talk starts at 7:00 pm

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You might have to enter through the west lobby after 6 PM ([Map](#))

There is an adjacent large parking with no permit required.

You can also park in the G lot on the southwest corner of Olsen and MountClef and walk to the Gilbert Sports and Fitness Center ([Map](#)).



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