These are exciting times with rapid development of silicon technologies, application of new mathematics and new programming paradigms all arising and converging. This discussion touches lightly on these important topics and shows how they are interconnected through the application of motion frames (video). There is something here for anyone interested in our brave new digital world, where it came from and where it is going.

Ray Duran, Principal FPGA Design Engineer at Extron Electronics, has over 25 years of engineering experience in the area of Field Programmable Gate Arrays (FPGAs), developing applications for real-time environments such as video and military based systems. Ray graduated with a BSEE degree from California State University Fresno in 1988 and masters in engineering from UCLA in 2014, with emphasis on digital signal processing.
Location

Skyworks Solutions
649 Lawrence Drive, Newbury Park, CA 91320
Intersection of West Hillcrest Drive and Lawrence Drive
(NOT the main building, please use link below to arrow that pinpoints building)
http://maps.google.com/maps?q=34.187542,-118.930994&num=1&t=h&vpsrc=0&ie=UTF8&z=18&iwloc=A

Directions

From Los Angeles

Highway 101 North
Take exit 47A for Rancho Conejo Blvd
Use the left lane to turn right onto Rancho Conejo Blvd
Turn left onto W Hillcrest Dr.
Destination will be on the right

From Ventura

Highway 101 South
Take exit 47B for Wendy Dr. toward Newbury Park
Turn right onto N Wendy Drive
Continue onto Camino Dos Rios
Turn right onto W Hillcrest Drive
Destination will be on the left.