BUENAVENTURA RAS/IAS CHAPTER

Are the Machines Learning?
By Karl Geiger
Wed Jun 3, 2015 at 6:30 pm
CLU Ahmanson Richter Hall
Meetings are free and open to the public

Golem or just a better mental grasp? The popular press, writers, and several leading technologists have been making headlines with fears of AIs ruling the earth and humanity. But are the machines truly learning, or are we merely programming and training them to do more sophisticated data processing? This talk presents a brief overview of machine learning techniques, then sets these applications in real-world contexts. As with any new tool, we have more to fear from human mis-application and mis-apprehension of these tools than from the tools themselves.

Karl Geiger is Chief Software Architect at Neural ID in Redwood, CA and works on an analytics software platform, with a neural network architecture, that learns through an expert system with machine learning, recognizes critical patterns, and informs Business Intelligence Analytics centers.

Karl has been one of the most impactful Section Chairs of the Buenaventura Section and very active with IEEE from 2009 to 2013, and chaired the IEEE Los Angeles Council from 2012-2013. He retired in 2009 to work pro-bono full time with the IEEE, local start-up companies such as Cure Pharmaceutical, InClinical, MCI START, lectured at local colleges, supported the Moorpark College Engineering Club, Ventura County schools competitions and the national champion Moorpark High School Academic Decathlon team in which his three children competed state-wide and nationally.
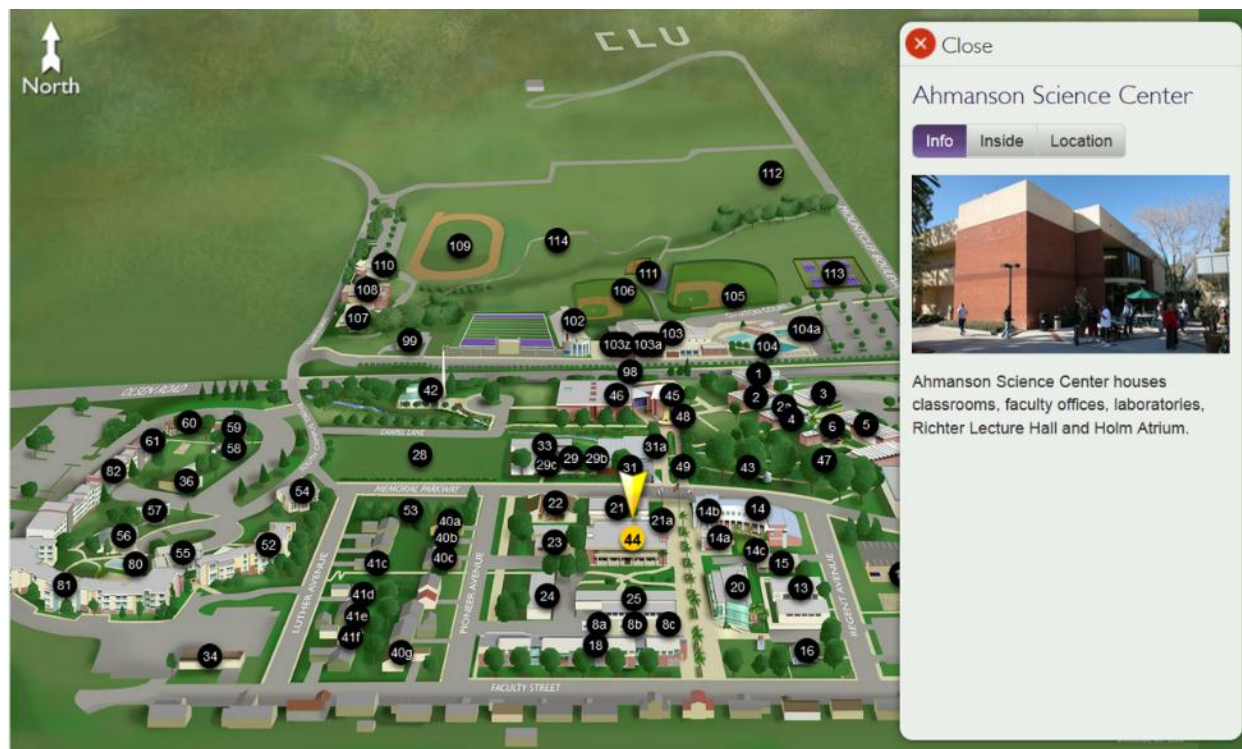
Karl founded Convergent Informatics, Inc., with three Amgen colleagues in 2008. Customers included biotech companies such as Kythera Biopharmaceuticals, an eCommerce businesses, and other start-up businesses along the 101 corridor in Ventura and Los Angeles Counties. Karl also worked with the local venture communities, reviewed pitches and coached entrepreneurs. Prior to Convergent, Karl was the Director of Enterprise Architecture at Amgen, Inc., where his teams designed and documented several enterprise-class information systems.

His technical interests include machine intelligence, information retrieval, database systems, human factors engineering, software test and development to support regulatory compliance, and making fun toys for the web (http://www.businessbuzzwordbingo.com/).

Location: California Lutheran University
100 Ahmanson Science Building,
60 West Olson Road, Thousand Oaks
(see map on next page)
Pizza/networking starts at 6:30 pm
Talk starts at 7:00 pm

Our sponsors
California Lutheran University
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RSVP: at this link (free event)

Directions from Ventura:
Take the Ventura Freeway 101 South.
Take Lynn Road Exit, turn left, drive 2.9 miles.
Lynn Road turns into Olsen Road, drive .9 miles.
Turn right onto Mountclef Boulevard - the University is on the right
Turn Right onto Memorial Parkway
Park on Memorial Parkway or adjacent streets.

Directions from Los Angeles:
Take the Ventura Freeway 101 North.
Take Lynn Road Exit, turn right, drive 2.9 miles.
Lynn Road turns into Olsen Road, drive .9 miles.
Turn right onto Mountclef Boulevard - the University is on the right.
Turn Right onto Memorial Parkway
Park on Memorial Parkway or adjacent streets.

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IEEE-RAS-IA MONTHLY MEETING

THIS VEHICLE IS AUTHORIZED TO PARK ON ANY CLU STREET BEFORE 7 PM ON ANY WEDNESDAY EVENING OF THE MONTH IN CONNECTION WITH THE IEEE-ROBOTICS AUTOMATION/INDUSTRIAL APPLICATIONS MEETING ON THE CLU CAMPUS.

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