

# Drug Discovery Process and its Automation

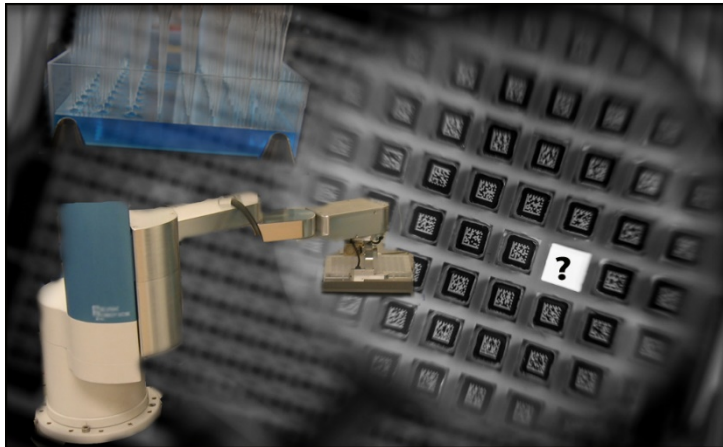
Speaker: Aleksandar Mladenovic

**May 13, 2015 at 6:30 pm**

at CLU Ahmanson Richter Hall

Meetings are free and open to the public

RSVP: [Dougaskegard@ieee.org](mailto:Dougaskegard@ieee.org)



Today, the cost of developing and getting a new drug approved is over one billion dollars and usually takes over ten years. In last twenty years with advancement in technology, the drug discovery became heavily automated. Laboratory automation increases productivity, reduces time from discovery to approval, improves the experimental data quality, and possibly reduces the cost of getting new drug on the market.

How is drug discovery automation different than industrial automation? What tools and devices are used? What skills one would need to get job in the field of drug discovery automation? We will give an introduction to lab automation from an engineer who has over twenty years of experience in the field and also present a number of completed projects with all challenges and lessons learned.

**Alex Mladenovic**, Dipl. Ing, graduated from University of Belgrade. He spent the last fourteen years as a Senior Engineer and a Principal Engineer at Amgen in Research and Automation Technologies and Drug Discovery's Automation. Prior to Amgen, he was working for Beckman (Coulter) as Account Specialist, as a provider of lab automation solutions. He is a Senior Member of IEEE, a member of Association for Laboratory Automation, and active member of local computer and photo clubs.

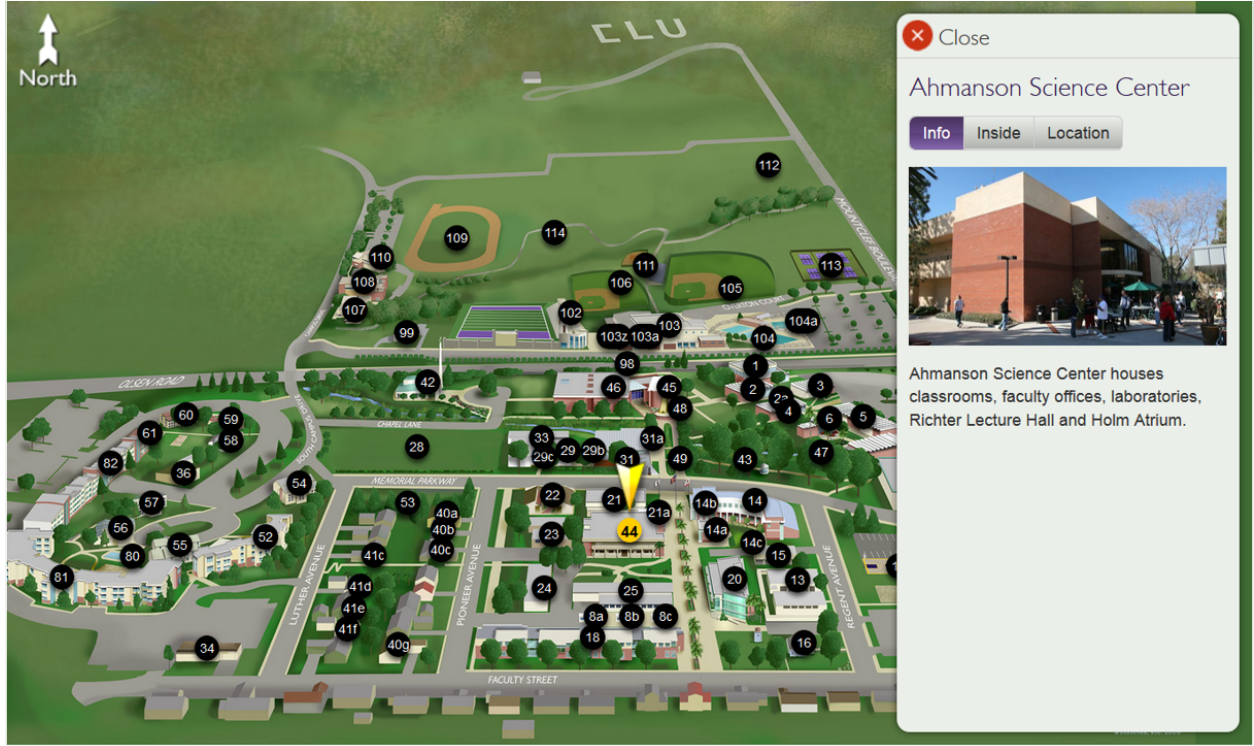
**Location:** California Lutheran University  
100 Ahmanson Science Building,  
60 West Olson Road, Thousand Oaks  
(see map on next page)

**Our sponsors**

California Lutheran University  
IEEE Buenaventura Section

Pizza/networking starts at 6:30 pm  
Talk starts at 7:00 pm

RSVP: [Dougaskegard@ieee.org](mailto:Dougaskegard@ieee.org)



**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.

# **CLU STREET PARKING PERMIT IEEE-RAS-IA MONTHLY MEETING**

**THIS VEHICLE IS AUTHORIZED TO PARK ON ANY CLU STREET BEFORE 7 PM ON THE 2<sup>ND</sup> OR 3<sup>RD</sup> WEDNESDAY OF THE MONTH IN CONNECTION WITH THE IEEE-ROBOTICS AUTOMATION/INDUSTRIAL APPLICATIONS MEETING ON THE CLU CAMPUS.**

**NAME:** \_\_\_\_\_

**LICENSE PLATE:** \_\_\_\_\_

**CONTACT PHONE NUMBER:** \_\_\_\_\_

**CURRENT DATE:** \_\_\_\_\_

**Fred Miller  
Director of Campus Public Safety  
(805) 493-3960**