

The Los Angeles Section of the American Society of Mechanical Engineers presents:

LA ASME May 2015 Presentation:

“Medical, Surgical and Therapeutic Robotics: Devices and Applications”

UCLA Henry Samueli School of Engineering and Applied Science

May 21st, 2015 6:30 PM – 8:00 PM

All ASME members, student members, public, engineering students and teaching staff are invited.

Free Parking is available for the first 25 attendees. You will need to RSVP (by MAY 15) to Steven Ly and Toshio Fujita
(Email: sqly@semprautilities.com; tfujita@roadrunner.com)

Prior to the presentation there will be a short business meeting of the LA Section Executive Committee.

Topic: Medical, Surgical and Therapeutic Robotics: Devices and Applications

Speaker (bio): Professor Jacob Rosen heads the Bionics Lab at UCLA , which aims to develop science, technology, and human resources at the interface between robotics, biological systems, and medicine. The lab’s primary research fields are medical robotics and biorobotics including surgical robotics, and wearable robotics as they apply to the following fields: control, human motor control, neural control, human and brain machine interfaces, motor control rehabilitation (stroke), brain plasticity, haptics, virtual reality, teleoperation, and biomechanics. Dr. Rosen developed several key systems in the field of medical robotics such as the Blue and the Red Dragon for minimally invasive surgical skill evaluation that is commercialized by Simulab as the “Edge.” He received his B.Sc. degree in Mechanical Engineering, M.Sc. and Ph.D. degrees in Biomedical Engineering from Tel-Aviv University in 1987, 1993 and 1997 respectively.

Parking and Directions:

Park in Structure 9 on Westwood Plaza, which is the name Westwood Boulevard takes on when it crosses from the city of Los Angeles to the UCLA campus. (<http://maps.ucla.edu/campus/?locid=199>)

Drivers coming off the 405 should get off at Wilshire Boulevard East and take it three lights to Westwood Boulevard. Westside drivers can turn on to Westwood from Olympic, Pico, Santa Monica, Wilshire etc. Once northbound on Westwood, drivers should:

Enter campus from Westwood Boulevard. This does not require making a turn.

Drivers will pass the hospital (on the left). After about two traffic signals, drivers will see a small kiosk in an island in the middle of Westwood.

Pay a parking fee (\$12) at a kiosk. ASME will reimburse this fee after the meeting. Those who have provided an RSVP by May 15 need to identify themselves so that they can park in reserved spaces

Meeting Location:

Professor Rosen’s lab is at 18-111 in Engineering IV locating northwest corner of the ground floor of that building.

Total walking time from the ground floor of Parking Structure 9 to 18-111 Engineering IV: About three or four minutes.

