



## **SAMPE Los Angeles Chapter News and Information**



Apr. 2016

*April 28, 2016 (Thursday)*

*5:30 PM*

*L.A. Chapter Meeting at:*

### **USC and the MC GILL COMPOSITES CENTER**



**ADDRESS:**

University of Southern California  
Vivian Hall of Engineering, Room 206 (VHE-206).  
3651 Watt Way  
Los Angeles, CA 90089

**DATE:**

April 28, 2016 (Thursday)

**TIME:**

5:30 PM --- Pizza Dinner (Free)  
6:00 PM --- Presentation  
6:45 PM --- Lab Tour

**RESERVATIONS:**

Please [RSVP](#) by email. Include name of all attendees in the RSVP.

Anyone may attend.

## **USC RESEARCH ACTIVITIES**

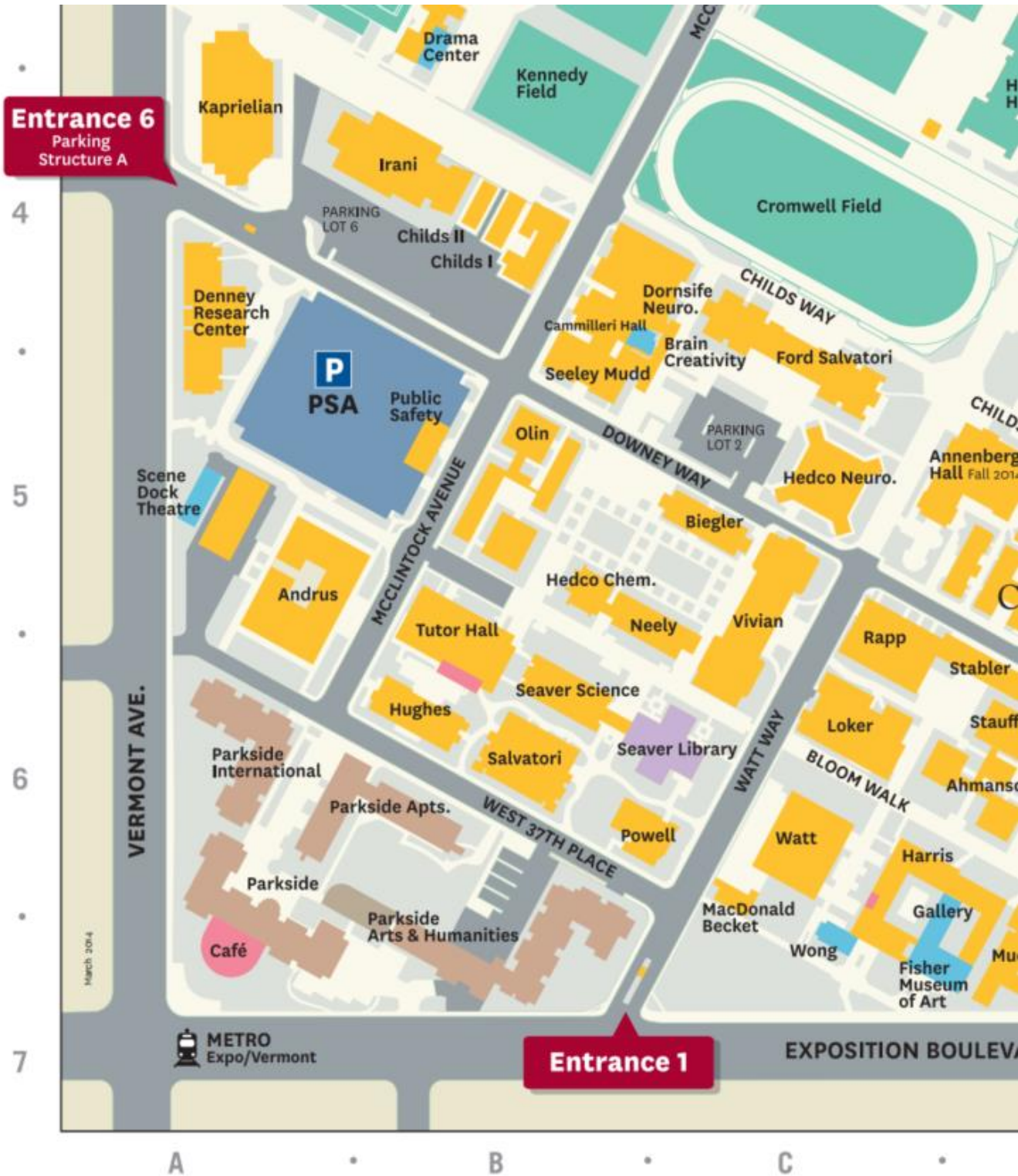
Research and industry professionals are invited to the University of Southern California for a discussion of the research activities underway the MC Gill Composites Center, directed by Professor Steven Nutt. The presentation, led by postdoctoral researchers Timotei Centea and Atul Jain, will begin by briefly introducing the Composites Center and university, sharing the qualifications, and background of our professional, graduate, and undergraduate researcher staff, before diving into more detailed discussion of several ongoing research efforts. Presenters will share more detailed descriptions of the motivation, methods, and preliminary results behind state of the art research into prepreg laminate processing, void suppression in liquid molding, and modeling the mechanical performance of CFRPs. Finally, additional efforts on a variety of diverse projects will be discussed briefly to demonstrate the breadth of research contributions made by the MC Gill Composites Center and inspire discussion between student researchers and industry professionals. After the presentation, guests will have the opportunity to join a guided tour of the lab space managed by the Center.

## **MC GILL COMPOSITES CENTER**

Established in 1995 and endowed with a generous gift from M.C. Gill in 2002, the mission of the MC Gill Composites Center is to address problems associated with the design, manufacture, and performance of composite materials and structures. The Center strives to train graduate and undergraduate students in the material selection, design, processing, and qualification of composite structures while simultaneously working to address practical challenges through industry-sponsored research and development activities. Personnel within the composites center make available a range of expertise, with specialized skills including, but not limited to, mechanics, polymer science, and manufacturing technology. Student researchers work closely with industry sponsors, and previous collaborations have involved the likes of M.C. Gill Corporation, Airbus, General Electric, Composite Technology Corporation, HRL Laboratories, Raytheon, Cytec Engineered Materials, L'Garde Corporation, Bell Helicopter, NewBasis, HyperTherm Composites, and Northrop-Grumman. More information about the center and current research activities can be found online at <http://composites.usc.edu>.



# USC Map



## USC CAMPUS DIRECTIONS

Enter Gate 6 – Downey Way

Park in parking lot labeled “P PSA” (there is a nominal parking fee)

Walk to Vivian Hall in the Hedco Chemical Engineering Building

Meet in room 206 (VHE-206)

# Get Involved

**SAMPE is holding a membership drive during the month of April. We invite you to get involved. Contact your friends and co-workers and tell them all the wonderful things SAMPE can offer them -- to help them advance in their careers and help their companies in so many ways.**

**In addition to the SAMPE Journal (free to all members), other benefits include:**

**Access to the SAMPE Library -- thousands of technical papers that you can use to learn about new developments, how to solve various problems of concern to your company, previous R&D in your field of specialization, QA and testing methods -- and more.**

**The SAMPE Career Center -- help in advancing your career; setting and pursuing your goals.**

**Membership Directory -- helps in making business and other important contacts.**

**SAMPE Industry Resource Guide -- identify sources for materials, equipment. etc. that your company needs, or if you are consulting for a company.**

**Free membership in L.A. SAMPE Chapter.**

**-- Attend monthly Chapter meetings.**

**-- Free registration/dinner after your membership is confirmed.**

**-- Interact with other members; make new friends and business associates with like interests; get advice on resolving or avoiding technical problems.**

**-- Participate in Chapter meeting topic discussions, including answers to your questions.**

**-- Get involved in Chapter activities; participate in contributions to our M&P world.**

**Note: Some companies, recognizing the value to the company, will reimburse membership dues and meeting expenses.**

**You will be our special guest at a Chapter meeting. And, you will enjoy a discount on your membership fee for this year. And, also, there will be prizes for those who sign up the most new members.**

## Irene Epstein Scholarship

The scholarship program was originally funded by contributions from The Aerospace Corporation and the International Society for the Advancement of Material and Process Engineering (SAMPE). Since then, many individuals and companies have contributed generously to help the fund grow so that the amount of the scholarship awards has steadily increased to four times the amount when it was first awarded. In addition, awards are now being made to help students cover the cost of textbooks in college.

The Irene Epstein scholarship is awarded to deserving seniors at Fairfax High School who need financial assistance in order to attend college and who plan to study science, engineering, mathematics, nursing or medicine. If you would like to make a donation or learn more about the scholarship, please contact Dr. Howard A. Katzman at 310-336-5860 or e-mail him at [Howard.A.Katzman@aero.org](mailto:Howard.A.Katzman@aero.org).

### Other Coming Events

May 23-26, 2016 --- SAMPE Conference and Exposition at the Long Beach Convention Center.

May 24-26, 2016 --- Space Tech Expo at the Pasadena Convention Center.

September 13-16, 2016 --- AIAA Space 2016 at the Long Beach Convention Center.

September 26-29, 2016 --- CMAX at the Anaheim Convention Center.

## SAMPE SPONSORS

Company	Contact	Phone	E-Mail
<b>Airtech International</b>	<b>Jeff Dahlgren</b>	<b>714 899-8100</b>	<b>jldahlgren@airtechintl.com</b>
<b>Argosy International</b>	<b>Paul Marks</b>	<b>212 268-0003</b>	<b>pmarks@argosyinternational.com</b>
<b>Assembly Guidance Systems, Inc.</b> 27 Industrial Ave. Chelmsford, M 01824	<b>Scott Blake</b>	<b>978-244-1166</b>	<b>Sb@assemblyguide.com</b>
<b>Element Materials Technology</b> 1024 Grand Central Ave. Glendale, CA 91201	<b>John Moylan</b>	<b>818 296 0444</b> <b>818 268 9013</b>	<b>john.moylan@element.com</b>
<b>Hitco Carbon Composites</b> 1600 West 135th Street Gardena, CA 90249	<b>Les Cohen</b>	<b>310 970-5409</b>	<b>lescohen@aol.com</b>
<b>Janicki Industries</b>	<b>John Janicki</b>	<b>360-814-1776</b>	<b>jjanicki@janicki.com</b>
<b>Laser Technology, Inc.</b>	<b>John Newman</b>	<b>610 631-5043</b>	<b>Jwnewman50@aol.com</b>
<b>MISTRAS Group</b>	<b>Mark Carlos</b>	<b>609 716-4030</b>	<b>mark.carlos@mistrasgroup.com</b>
<b>Nusil Silicone Technology</b> 1050 Cindy Lane Carpinteria, CA 93013	<b>Renee Chelew</b>	<b>805 684-8780</b>	<b>ReneeC@nusil.com</b>
<b>Plataine, Inc.</b>	<b>Avner BenBassat</b>		<b>Avner.BenBassat@plataine.com</b>
<b>Tencate Advanced Composites USA</b> 2970 Bay Vista Court Benicia, CA 94510	<b>Sean Johnson</b>  <b>Stacy Biel</b>	<b>707 747-2783</b>	<b>S.Johnson@Tencate.com</b>  <b>S.Biel@tencate.com</b>
<b>Thermal Wave Imaging</b> 845 Livernois Ferndale, MI 48220	<b>Steve Shepard</b>	<b>248 414-3730</b>	<b>SShepard@thermalwave.com</b>