



The SPE Press

www.socalspe.org

December 2016

The Southern California Section of the Society of Plastics Engineers
Local information on resources and education available to plastics professionals

**Date: Tuesday,
December 6th, 2016**

**Networking
Reception
Featuring
Greg LeMond**

Newport Beach Marriott
Hotel & Spa
900 Newport Center Dr.
Newport Beach, California
92660

Register Now!

Networking Reception



5:30–5:45 pm: Check-in

6:00–6:30 pm: Keynote Speaker, **Greg LeMond**
Tour de France Winner and Founder at LeMond Composites

6:30–8:00 pm: Networking Reception

\$25 Registration Fee
Drinks & Finger Foods will be served.

Register Now!

Happy **2016**
New Year!



PRESIDENT'S MESSAGE



It is hard to believe that 2016 is almost over and we are just a few weeks away from 2017.

Now that the elections are over, I'm looking forward to 2017 with optimism with all the good things that lie ahead. As always, our SPE Section remains dedicated to our mission of promoting plastic knowledge through science and technology. Training and education play a major role in achieving that goal, and having strong technical programs with well- designed seminars and workshops are in our plan for 2017. As the New Year is approaching, we are busy planning for some great events in early 2017:

- Evening Technical Meeting on January 19th .
- Autodesk/Moldflow Workshop on February 16th .
- Education Night on March 23rd .

As this year comes to a close, I want to thank our board and volunteers for their dedication and tireless effort to make all events this year successful. I would also like to thank our members and sponsors for their unwavering support and I am confident that this coming year will bring us many exciting opportunities and continued success.

On behalf the Board of Directors at SoCal SPE, I wish you and your loved ones a wonderful holiday season and a joyous New Year.

Tuan Dao
President, SoCal SPE
(714) 692-9492



Why Join SPE?

Whether you're a plastics scientist or engineer, a business owner, marketing/sales expert, or any other professional in plastics, SPE membership can help you advance your knowledge and your career. The information you need to increase efficiency and productivity, develop your career, and add to your company's bottom line is literally right at your fingertips.

The Society of Plastics Engineers is home to nearly 20,000 plastics professionals in more than 70 countries around the world. SPE is the "go to" resource for plastics technical information.

Each Month, we will explore one of the six key benefits of becoming SPE.

- Plastics InSight – A customized to your need Weekly Newsletter
- SPE Material database – Access "Tons" of material in the world of Plastics
- **Registration Discounts – on over 40 conferences and local meetings and events**
- Plastics Engineering Magazine – Free subscription to leading
- SPE Online Technical Library -
- The Chain – Where Plastics Professional connect and get answers



Last month, we explored how an SPE member can access over 125,000 datasheets by simply clicking few keys!

This month we will talk about how your membership can pay by itself from the savings generated by taking advantage of the member discounts on registration to local technical meetings, workshops and over 40 conferences per year.

You do the Math.....

Event	Member	Non-Member	Savings
Monthly Meetings (four/year)	\$120	\$160	\$40
Workshops (two/year)	\$200	\$260	\$60
Trade Fair	\$30	\$40	\$10
Conferences	\$550	\$650	\$100
ANTEC	\$925	\$1025	\$100
Total Savings			\$310

Membership Cost: \$ 144 per year



In this new section of our Newsletter, all SPE members are and their employers are welcome to post Position Wanted or Seeking Employment three times per calendar year at no cost. All Newsletter advertisers are also welcome to post advertisement six times per calendar year.

Help Wanted

New Injection Molding start up and Technical Service Representative

Send your resume to: borchusa@gmail.com



2017 "Wonders of Plastics" Essay Contest



Society of Plastics Engineers

The Society of Plastics Engineers (SPE) presents the 17th annual "Wonders of Plastics" essay contest. Open to all middle/junior high and high school students, the essay must be sponsored by a teacher and must meet certain requirements (see Requirements for Submission, p 2).

Who may participate:

Any high school student from the Southern California Section of SPE is encouraged to participate. A particular call is made for industry members that may know a high school student that may want to participate (son/daughter, nephew, neighbor, etc.). The Southern California Section of SPE covers from San Luis Obispo in the north, to the border in the south to the border with Arizona in the East.

Topics to consider

The Southern California Section is requesting essays covering the realm of Green Plastics or how Plastics Benefit Society. Example topics include but are not limited to:

Renewable Plastics Plastics in Food Packaging Biodegradable Plastics
Plastics Recycling How Plastics Benefit Mankind Medical Plastics
Advances in Plastics How Plastics Save Energy Your Own Plastics Topic

All essay submissions must be received at the SPE Section address, listed below, along with the entry form, by the announced deadline.

In the past the awards have been \$500 for first place, \$250 for second place, and \$100 for third place. The students school receives a matching award as well.

Entry forms may be copied, but each essay must be attached to a form; essays will not be returned and become the property of SPE. Essays may be co-authored.

Submit your Essay or questions to
SPE Southern California Section
Victor Okhuysen
3801 W. Temple Ave. Bldg 17-2635
Pomona, CA 91768
Tel: 909/869-2698
Email: vfokhuysen@cpp.edu

Entry must be postmarked by deadline of January 15, 2017!

[CLICK HER FOR MORE INFO AND TO APPLY](#)

MEMBERSHIP SPOTLIGHT**The Southern California Section would like to welcome the following new members to SPE!**

David Knecht with Melmat Incorporated

Brian O'Donnell with Service Polymers, Incorporated

SoCal SPE Wants YOU to Become a Member

The SPE Southern California Section is, for a limited time, offering one FREE registration to a single, exclusive local technical event for those who sign up for an SPE Membership! To be eligible for this special offer, visit our website @ socalspe.org to check out the event calendar and register as an SPE Member! Once a member, you will be sent a voucher to bring to the SoCal SPE event of your choice! Offer also applies to expired memberships. Don't let this opportunity pass you by, become an SPE member today!

For questions, contact Ashley Price at 562-217-1377 or aprice@ethorn.com.

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EDUCATION

The College of the Extended University, Cal Poly, Pomona Plastics Engineering Technology Certificate Program

Plastics Theory and Practice

Plastics Theory and Practice is part of an ongoing certificate program offered by the College of the Extended University at Cal Poly Pomona. The four-course program provides practical instruction applicable to materials, processing, product design and tooling.

Why should you attend?

This short course is designed for professionals entering the field of plastics desiring to acquire the basic knowledge of Plastics industry in general. Plastics Theory and Practice is also suitable for individuals in plastics sales, purchasing, marketing and management positions that do not possess a technical, engineering or scientific background. This course should also be valuable for technical, scientific and engineering personnel, either entering the field of plastics or interest-ed in broadening their knowledge of materials and processing techniques. The objective of the course is to expose partic-ipants to the basics and point them in right direction so that they can obtain more information through websites, books and periodicals to further enhance their career. The PowerPoint presentation used in the course is descriptive and practi cal and presented in simple, easy to understand language without being extremely detailed or technical. It is widely illus-trated with animations, diagrams and photographs.

Who should attend?

Sales and marketing personnel, engineers, product and tool designers, purchasing managers, plant managers, tool mak-ers, molding supervisors, quality assurance personnel and anyone who wants to acquire basic knowledge of plastics in general and/or take a refresher course on the subject.

Content

Polymer structure properties and applications Processing techniques
Plastics terminology Plastics tooling, Plastics processes
Product design basics Assembly and secondary operations
Material selection process Decorating and printing
Testing and failure analysis Interpreting data sheets
Plastics industry standards Plastics identification
Plastics recycling

In addition, students will receive a variety of useful handouts showing How and Where to get more detailed information concerning a variety of plastics-related topics.

Continued on page 8

Continued from page 7

Date(s)	Saturdays, February 11 and February 18, 2017
Course Time	8:00 a.m.-5:00 p.m.
Location	Cal Poly Pomona, Bronco Student Center, Lyra Suite
Fee	\$375
Special Pricing	A 10% discount is offered on all non-credit courses based on the following: • Current Cal Poly Pomona Alumni Association members with proper ID • Current Cal Poly Pomona faculty and staff with proper ID
Course Status	Non-credit
Textbook	None
Syllabus	There is no syllabus available for this course
Instructor	Vishu H. Shah
Course Code	PET120

Registration: www.cpp.edu/~ceu/index.shtml

For more information call: College of the Extended University 909-869-2288 or
Instructor 909-465-6699

Comments Provided by Students

- Great course, very instructional...love the PowerPoint notes
- The instructor uses examples that are relevant to my industry/field
- The overall explanation of the basics of Plastics was very clear and concise, explained in plain English without having to use big and sophisticated words to explain theory or function
- The course's major strength was instructor's ability to relate to real life experience
- Very Practical – I highly recommend to anyone new to plastics industry
- Hand-outs are great, I refer to them on regular basis

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Each event boasts technical and business presentations on new and updated technologies, panels and tutorials, networking events and student functions - all providing attendees with face-to-face interaction with expert representatives from the largest industry segments.

Who Should Attend?

Engineers, R&D Scientists, Technicians, Technical Sales & Support, Academics, Students, Managers, along with anyone involved in the plastics industry.

Who Participated in 2016?

[Companies who attended ANTEC® 2016](#) | [Companies who presented at ANTEC® 2016](#)

Submit a Paper Now!

Questions?

ANTEC® Technical Program Chair

[Edwin Tam](#)

+1 401.642.3753

ANTEC® Registration Questions

[Customer Relations](#)

+1 203.775.0471

Interested in Sponsoring or Exhibiting at the Conference?

Exhibitor Space Form

2017 Exhibit Floor Plan

For more information contact the [ANTEC® Sales Team](#)

SO Cal SPE Newsletter Ad rates 2016

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SPE Southern California Leadership



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Secretary: Victor Okhuysen, Cal Poly Pomona	909-869-2698	vfokhuysen@csupomona.edu
Treasurer: Vishu Shah, Consultek	909-465-6699	vishu@consultekusa.com
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Technical Program Chair: Suhas Kulkarni/Vishu Shah, FIMMTECH/Consultek	760-525-9053	suhas@fimmtech.com
Directors		
Past President: Rick Hays, Horn	714-523-8050	rhays@ethorn.com
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Director: Skip Humphry, International Plastics Equipment	951-830-7010	intl.plasticsequip@verizon.net
Director: Markus Lettau	951-278-5660	Markus.Lettau@engelglobal.com
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Director: Matthew Dauphinee, Mission Plastics	909-947-7287	mdauphinee@missionplastics.com
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Golf Outing Chair: Kerry Kanbara, Premier Industries	909-906-2332	kerry@piustech.com
House Committee Chair: Skip Humphry, International Plastics Equipment	909-830-7010	intl.plasticsequip@verizon.net
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Special Events Chair: Matthew Dauphinee, Mission Plastics	909-947-7287	mdauphinee@missionplastics.com

2016-2017 YEAR CALENDAR www.socalspe.org

SEPTEMBER 2016						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

September 15

Evening Technical Meeting

Robots, Collaborative

6:00 PM
Jagerhaus, Anaheim

MARCH 2017						
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
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March 23

EDUCATION NIGHT 6 PM
TBD
Norwalk

OCTOBER 2016						
S	M	T	W	Th	F	S
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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

October 20

Plant Tour

6:00 PM
Torrance, CA

APRIL 2017						
S	M	T	W	Th	F	S
						1
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9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30						

April 20

Evening Technical Meeting

3D printing Update

6:00 PM
Jagerhaus, Anaheim

NOVEMBER 2016						
S	M	T	W	Th	F	S
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6	7	8	9	10	11	12
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27	28	29	30			

November 14

Molding 2016 Workshop

Milacron Tech Center
Irvine

MAY 2017						
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
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28	29	30	31			

May 8-9-10

SPE ANTEC

Hilton
Anaheim

DECEMBER 2016						
S	M	T	W	Th	F	S
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4	5	6	7	8	9	10
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December 6

SPE Networking Reception
Featuring Greg LeMond

JUNE 2017						
S	M	T	W	Th	F	S
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
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June 22

Annual Golf Outing



JANUARY 2017						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January 19

Evening Technical Meeting

Advances in Silicone
Technology for Medical
Applications

Jagerhaus, Anaheim

JULY 2017						
S	M	T	W	Th	F	S
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16	17	18	19	20	21	22
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30	31					



Happy 4th!

FEBRUARY 2017						
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

February 16

Workshop

Autodesk/Moldflow 2016

TBD
Irvine

AUGUST 2017						
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August 17

Phoenix Club
Anaheim

*All meetings are held on third Thursday of the month unless otherwise noted