



UPCOMING EVENTS

May 5, 2023

Spring Frolic
Tijeras Creek Golf Club

May 10, 2023

Dinner Meeting
Awards Night
DoubleTree by Hilton
Buena Park, CA

June 14, 2023

Social Event
LASCT Elections
DoubleTree by Hilton
Buena Park, CA

**MAY DINNER
MEETING SPONSOR**



MAY BULLETIN

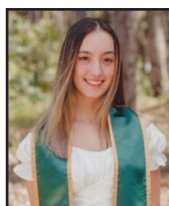
Awards Night

May 10, 2023

The May meeting is dedicated to honoring our special members for longevity and service.

CAL POLY SAN LUIS OBISPO - STUDENT RESEARCH SPOTLIGHT

**Polyester Wood Coatings
with Dynamic Covalent Bonds**



Isabel Gamez

**Graphene-Enabled Polyurethane
Composite Coatings**



Sudeep Louis

Effects of Fillers on Solar Heat Reflectance by Architectural Coatings



Soroush Arjomandi

Dr. Erik Sapper, Assistant Professor, Cal Poly San Luis Obispo, will be emceeding a series

(cont'd on page 2)

MEETING DETAILS:

LOCATION: DoubleTree by Hilton Buena Park Hotel, 7000 Beach Blvd., Buena Park, CA 90620

TIME: Social Hour 5:30 pm
Speaker 6:00 pm
Dinner 7:00 pm

PRICE: \$ 25.00 members w/reservation by 12:00 p.m. Friday, May 5
\$ 35.00 non-members w/reservation by 12:00 p.m. Friday, May 5
\$ 35.00 members w/o reservation or reservation after 12:00 p.m. Friday, May 5
\$ 45.00 non-members w/o reservation or reservation after 12:00 p.m. Friday, May 5

RSVP: [Click here](#) to pay online or email lasct@earthlink.net

SPEAKER AND TOPIC

(cont'd from page 1)

of presentations by student researchers affiliated with the Polymers and Coatings Science program and the Kenneth N. Edwards Western Coatings Technology Center.

Abstract and Bios:

ISABEL GAMEZ

Abstract: Covalent adaptable networks (CANs) are crosslinked networks similar to thermoset polymers, however they incorporate dynamic bonds into the polymer network. This bond dynamicity can be triggered by an external stimulus such as temperature and can enable self-healing or reprocessing in the material on demand. This research will focus on using Lewis Base catalysts to activate transesterification processes in commercially available polyester wood coatings to enable self-healing.

Bio: My name is Isabel Gamez, I am from Arcadia, CA. I am a graduate student completing my M.S. in polymers and coatings with my B.S. in materials engineering. My research interests include sustainability in industry and functional polymers. I love to run in my free time, and I just completed my first half marathon!

SUDEEP LOUIS

Abstract: My research focuses on how the loading of graphene oxide affects the physical properties of polyurethane nanocomposites. Graphene oxide is highly thermal and electrically conductive which increases the glass transition of the polymer and tensile strength of the coating. Furthermore, polyurethane nanocomposites with graphene oxide on cold rolled steel have been confirmed to have an increased resistance to 3.5% salt water.

Bio: I am from San Jose, CA and I am studying Materials Science engineering and completing my Masters in Polymers and Coatings. I am interested in researching anti-corrosion coatings and solvent based paints. I enjoy watching NBA basketball and riding my bike.

SOROUGH ARJOMANDI

Abstract: With solar infrared radiation being responsible for most of the heat trapped in urban areas, it is possible to control this problem through the use of coatings. This study focuses on optimizing the fillers in an exterior architectural coating for achieving the highest level of solar reflectance while retaining other required properties.

Bio: A Walnut Creek, California native, Soroush has a background in Materials Engineering and is currently studying Polymers and Coatings Science. His research interests lie in polymer films and heat-reflective coatings. Soroush is a member of the Local Spiritual Assembly of the Bahá'ís of San Luis Obispo and enjoys visiting the Bay Area and LA to visit his Bahá'í friends. When he is not learning foreign languages, Soroush enjoys playing in the symphony and listening to Beethoven and J.S. Bach.

MONTHLY DRAWINGS:

Door Prize	Gift Card
Attendance	\$ 380.00

March Meeting Winners:

Door Prize	Elise Mann, <i>TCR Industries</i>
Best Question	Scott Shier, <i>Dorsett & Jackson</i>
Attendance	\$ 360.00 Monica Giraldo, <i>Azelis Americas (Not Present)</i>

LASCT NOMINATIONS FOR 2023-2024 SECRETARY

If you are interested in running for LASCT Secretary or wish to nominate a candidate, please contact the LASCT office at lasct@earthlink.net or (714) 998-1891.

LASCT BOARD OF DIRECTORS

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LASCT OFFICE

P.O. Box 3633
Orange, CA 92857

Phone: (714) 998-1891
Fax: (714) 974-4318
Email: lasct@earthlink.net
Website: www.lasct.org

IMPORTANT! LASCT MEMBERSHIP RENEWAL

Your LASCT Membership Renewal Fee is due no later than July 1 of each year.

To be included in the 23-24 Yearbook your Membership Application and dues must be received by July 1, 2023.

To join or renew your membership in the Los Angeles Society for Coatings Technology local section, please visit <https://lasct.org/membership/>. Please complete the application, then select the form of payment. Payment can be made online or a check can be emailed to the LASCT office, P.O. Box 3633, Orange, CA 92857.

25- and 50-YEAR MEMBERS TO BE HONORED

The following 25-year and 50-year members will be honored at LASCT's upcoming "Awards Night" Dinner Meeting on May 10:

- 25-year Members: Eva O'Keefe
- 50-year Members: Benita Ko
Joseph Reilly

If you know of any other 25-year and/or 50-year member(s) who should be on our list, please advise the LASCT office at (714) 998-1891.

GOOD FELLOWSHIP NEWS

WITH SYMPATHY

◆ **Jim Desmond.** With sadness, we are faced with announcing the passing of another gentle man in the coatings industry. Jim Desmond was just such a man. For as long the memory can serve, Jim was the Purchasing Manager for Deft Incorporated. Jim passed away as a result of rapid on-set of M3 Acute Leukemia. For those of us that knew and loved Jim (and there are many) Jim's wife, Carole, has set up a Celebration of Life for Jim. The celebration will be held 12:00 Noon, Saturday, May 13th at Shorecliffs Beach Club, 2771 El Camino Real, San Clemente. If you plan to attend this event, please rsvp directly to Carole Desmond by April 28 as she will need time to set up the appropriate arrangements for the venue. Please send your rsvp to: Cdesmond@cox.net, or call Carole at 949-768-5122. ~Jeff Mitzner~

To report any new "happenings", please contact the Derek Marin, Good Fellowship Chair at dmarin@vistapaint.com or the LASCT Office at (714) 998-1891, or by email at lasct@earthlink.net.

PROPOSED NEW MEMBERS

Local Membership

David Carroll, *R.E. Carroll Inc.*
Andy DePage, *IMCD*

Student Membership

Jachin Clarke, *Cal Poly SLO*
Tyler Kleinsasser, *Cal Poly SLO*
Douglas Snyder, *Cal Poly SLO*

LASCT COMMITTEE CHAIRS FOR 2023-2024

If you are interested in volunteering on an LASCT committee or chairing one of the committees, please contact any board member of the LASCT or contact the LASCT office at lasct@earthlink.net or (714) 998-1891.

RESERVE AD SPACE NOW! 2023-2024 YEARBOOK

It's time to reserve your ad space in the 2023-2024 Los Angeles Society for Coatings Technology Yearbook and Directory. The Yearbook and Directory includes not only members of the Los Angeles Society but also all members of Arizona, Golden Gate, and Pacific Northwest Societies for Coatings Technology, and will be distributed to all members of the Coatings Societies of the West Coast as well as select members of Coatings Societies across the USA.

The Yearbook will be distributed to all the exhibitors at the 36th Western Coatings Symposium this year.

The LASCT Yearbook & Directory is hands-down the most effective use of your advertising dollar in the Western United States and Canada — and perhaps across NAFTA. SUPPORT YOUR INDUSTRY BY ADVERTISING! Funds raised by the LASCT Yearbook are used to support Coatings Industry events, scholarships, and education!

Don't miss this invaluable opportunity to reach current and future customers! The deadline for inclusion in the 2023-2024 Yearbook is July 15, 2023. Please contact the LASCT Office at (714) 998-1891 or lasct@earthlink.net if you would like an advertising packet.

WESTERN COATINGS SYMPOSIUM 2023

The 36th Biennial Western Coatings Symposium and Show will be held October 15-18, 2023 at the Paris Las Vegas Hotel in Las Vegas.

Tabletops are available for purchase. Make sure your company secures their table before tabletops sell out.

Stay current on what is happening with the planning of the 36th Biennial Western Coatings Symposium and Show at www.westerncoatings.org.

Don't be left in the dark - be a part of the WCS and the Wonder of Connecting in Living Color!

EMPLOYMENT

Companies in the coatings industry are hiring! Employment opportunities are posted on the LASCT website at lasct.org and are included in the bulletin. Postings are updated regularly.

CAL POLY SLO POLYMERS & COATINGS SUMMER SHORT COURSE

Cal Poly's summer short course on polymers and coatings will be held July 31 - August 4. The course brings together academic and industrial experts in the field. The one-week course covers many aspects of coating technology with emphasis on liquid coatings, both waterborne and solvent-based. Participants benefit from discussions of VOC and air quality aspects of coatings by experts in both industry and government regulatory agencies. Participants are expected to have had some exposure to the coatings field along with working knowledge in chemistry and other sciences. Enclosed please find the Summer Course Brochure.

[LASCT IS ON FACEBOOK!](#)

Search for Los Angeles Society of Coatings Technology page on Facebook. Check it out to view upcoming social events and historical photos. If you'd like to add something to the page, feel free to contact your Board of Directors.

[LASCT IS ON LinkedIn!](#)

Los Angeles Society of Coatings Technology now has a page on LinkedIn. Check it out to view upcoming events and information regarding the coatings industry.

MARK YOUR CALENDARS!

Please mark your calendars for the June Meeting which will be held on Wednesday, June 14, 2023. As always, meetings are held on the second Wednesday of each month.

Thomas Renner
2022-2023 LASCT Secretary



Visit www.lasct.org for more information regarding upcoming meetings, events and job postings.

THE LOS ANGELES SOCIETY FOR COATINGS TECHNOLOGY /
www.lasct.org



Local Membership Application

September 2023 - August 2024 Membership

Los Angeles Society for Coatings Technology
Attn: Membership
P.O. Box 3633
Orange, CA 92857
Phone: (714) 998-1891 • Fax: (714) 974-4318 • Email: lasct@earthlink.net

OFFICE USE ONLY

Date _____
Amount _____
Check _____
Initials _____

MEMBERSHIP DEADLINE:

Application and Fee due no later than July 1, 2023 to be listed in 2023-2024 Yearbook

Check one: Renewal ☐ New Member ☐

(Please print legibly)

Member Name: _____

Member Type: _____

Company: _____

Position: _____

Co. Address: _____

Business Phone: _____

City, State, Zip: _____

Fax: _____

Mailing Address: _____

Email: _____

City, State, Zip: _____

Home Phone: _____

LOCAL SOCIETY MEMBERSHIP

LOCAL DUES: \$55.00 – Active \$55.00 – Associate \$10.00 – Educator \$10.00 – Student
\$10.00 – Retired \$ 0.00 – Honorary Member or Retired - Member for 15 years or greater

Local Membership – Members who wish to join or renew their membership in the Los Angeles Society for Coatings Technology **local section only** should complete this application and return with a check to: LASCT, P.O. Box 3633, Orange, CA 92857 or pay online at <https://lasct.org/membership/>

ACA Membership – Members who wish to join or renew their membership with LASCT and the ACA need to complete the Membership form provided from ACA. Payment for both local and ACA dues must be made directly to ACA. Visit the website at www.coatingstech.org for details.

Check One: Coatings Manufacturer _____ Material/Equipment Supplier _____ Consultant/Service Provider _____
Educator _____ Student _____

I would like to be considered to serve on the following committee(s):

- | | | |
|--------------------------|-------------------------|----------------------------|
| (1) Audit _____ | (6) Entertainment _____ | (11) Publicity _____ |
| (2) Const. By Laws _____ | (7) Library _____ | (12) Scholarship _____ |
| (3) Computer _____ | (8) Manufacturing _____ | (13) Technical _____ |
| (4) Education _____ | (9) Membership _____ | (14) Yearbook _____ |
| (5) Environmental _____ | (10) Photographer _____ | (15) Other (specify) _____ |

Would you present yourself as a candidate for office? Yes _____

No _____

Would you like to serve on a National Committee? Yes _____

No _____

Signature _____

Date _____

CAL POLY

SAN LUIS OBISPO

POLYMERS & COATINGS

*Coating Science &
Technology at Cal Poly*

*Short Course
Overview*

SUMMER SHORT COURSE

*July 31-August 4
2023*

Kenneth N Edwards

Western Coatings Technology Center

*California Polytechnic State University San
Luis Obispo, CA 93407 | (805) 756-2395
pandc@calpoly.edu | wctc.calpoly.edu*

Cal Poly's summer short course on polymers and coatings brings together academic and industrial experts in the field. The one-week course covers many aspects of coating technology with emphasis on liquid coatings, both water-borne and solvent-based. Participants benefit from discussions of a wide range of topics by industry and academic experts, including VOC and air quality aspects of coatings agencies. Participants are expected to have had some exposure to the coatings field, along with working knowledge in chemistry and other sciences.

California Polytechnic State University, San Luis Obispo, is one of the 23 campuses of the California State University system. Cal Poly enrolls over 20,000 students and is nationally recognized for the excellence of its programs in architecture, agriculture, engineering, and the sciences.

Cal Poly's Polymers and Coatings program, an integral part of the Chemistry and Biochemistry Department of the College of Science and Mathematics, offers both an Undergraduate Concentration and a Masters Degree in Polymers and Coatings Science. The Western Coatings Technology Center is the key interphase between Cal Poly and the coating industry.

*California Polytechnic State University is an equal opportunity institution.
Individuals with disabilities requiring specific accommodations are encouraged to notify the
Western Coatings Technology Center in advance of this program.*

IMPORTANT INFORMATION

The Cal Poly Kenneth N Edwards Western Coatings Technology Center in cooperation with Cal Poly Conference & Event Planning Department offers this program to professionals in the field of polymers and coatings. The program begins on Monday, July 1st at 8:00 am, and ends on Friday, August 4th by 12:00 noon.

The early registration period ends at 5:00PM on Friday, June 30, 2023. Registrations received after this deadline will be charged the full amount of \$1950.

Cancellation of enrollment must be received in writing. To receive a full refund, cancellation request must be received no later than June 30, 2023. No refunds will be issued after that date. A \$125.00 administration fee is assessed for processing refunds. Questions concerning registration or refunds should be directed to Cal Poly Conference & Event Planning at (805) 756-7600, FAX (805) 756-7601.

AGENDA

- Overview of course, review of basic chemistry
- Introduction to polymer chemistry
- Overview of VOC analysis
- Physical polymer chemistry
- Polymer analysis
- Organic polymer chemistry
- Coatings formulation
- Coatings properties and testing
- Coatings rheology and application aspects
- Discussion of lab results

LAB SESSIONS

- Solution and emulsion polymerization, GPC molecular weight analysis, viscosity molecular weight analysis.
- Paint formulation from commercial latex and student latex, paint testing, thermal analysis.
- Formulate architectural coatings, two-component urethane, epoxy coatings, test coatings.
- VOC analysis by ASTM GC-MS method.

INSTRUCTORS

Mr. Daniel Douty, Chemours Corporation
Dr. Ray Fernando, Cal Poly State University
Dr. Leslie Hamachi, Cal Poly State University
Dr. Gary Dombrowski, Dow Chemical
Dr. Dane Jones, Cal Poly State University
Mr. Brent Laurenti, BYK Additives Company
Dr. Patrick Lutz, EPS/Color Corporation
Mr. Scott Van Remortel, Covia Corporation
Dr. Erik Sapper, Cal Poly State University
Dr. Todd Williams, Covestro Corporation
Dr. Shanju Zhang, Cal Poly State University

TRAVEL & ACCOMMODATIONS

San Luis Obispo is located in California's Central Coast region, 200 miles north of Los Angeles and 230 miles south of San Francisco. Participants who wish to drive from the Los Angeles or San Francisco areas may take Route 101. All major airlines offer services to San Luis Obispo Airport with connecting flights from Los Angeles, San Francisco, and Phoenix, Denver, and Seattle. The San Luis Obispo Chamber of Commerce website (www.visitslo.com) contains information for local hotels. Lodging is not included in the program fee.

COURSE FEES 2023*

Before 5:00 PM on June 30, 2023: \$1850 After
5:00 PM on June 30, 2023: \$1950

Participants can register online at wctc.calpoly.edu.

*Program fee includes handout hard copies, electronic copies of the course material, and lunch, Monday-Thursday.