ASPE American Society of Plumbing Engineers LOS ANGELES

ASPE LA NEWSLETTER

VOLUME 23

November 2026

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President's Report

Vahan Margaryan CPD, GPD President
Chapter President

Hello, fellow ASPE LA members,

I hope this message finds you well.

The American Society of Plumbing Engineers' 2026 Convention took place October 8–14 in Oklahoma City. The Los Angeles Chapter was represented by nine delegates and two alternates, listed below:

Vahan Margaryan
Thura Zin
Amir Tabakh
Gabriel Starkman
Noelle Melzer
Adam Haussman
Cory Nakanishi
Dumitru Barzu
Richard Jeong
Brian Wright
Matthew Farrell

Delegates were selected based on their active participation in chapter meetings over the past year and their significant contributions to the ASPE LA Chapter's success.

Continued on page 4

ASPE
American Society of Plumbing Engineers
LOS ANGELES

AMERICAN SOCIETY OF PLUMBING ENGINEERS LOS ANGELES CHAPTER

November 11, 2026, Meeting

"The Building Science of (Hot) Water: *Architectural Compactness, and Right-Sizing with the Water Demand Calculator*"

By Mr. Gary Klein.
President
Gary Klein and Associates, Inc.

WHAT YOU WILL LEARN:

The presentation will cover the following topics, with time for questions:

- The principles of architectural compactness and right-sizing piping
- An example showing the reductions in first cost, entrained volume and time to deliver hot water
- Implications for improved health and safety of the premise plumbing systems

MEETING LOCATION:
In Person:
COURTYARD BY MARRIOTT BURBANK
2100 W EMPIRE AVE, BURBANK, CALIFORNIA 91504

MEETING SCHEDULE:
5:30 pm – Check in
6:30 pm – 7:30 pm – Presentation

COST: Pay at door only
Meeting Fee:
RSVP - $55 and Retired BOD: $30
Without RSVP - $60

RSVP Online:
RSVP

By: November 11, 2026

THE SPEAKER:

Gary Klein, President of Gary Klein & Associates, Inc. has been intimately involved in energy efficiency and renewable energy since 1974. Beginning in the early 1990s he has led the effort to incorporate "hot water as a system" into the core principles of building science. Since 2008, his firm has provided consulting on sustainability, with an emphasis on the water-energy-carbon-health connection. The benefits of right-sizing premise plumbing and water heating systems, and the building science aspects of installing air-source heat pump water heaters are currently at the top of his list. Klein received a BA from Cornell University in 1975 with an Independent Major in Technology and Society with an emphasis on energy conservation and renewable energy.



If you have additional questions or needed information on his presentation, you can reach him at: gary@garykleinassociates.com.

For more information, visit our website @www.aspela.com.

JANUARY 2027

SESSION 2

STATE-FUNDED CADD/BIM TRAINING SCHEDULE

LIVE ONLINE INSTRUCTOR LED TRAINING

CLASS	DAYS	START	END
REVIT MEP	M-W (5:30 to 9:30 pm)	1/20/27	4/19/27
MEETING DATES: * JANUARY – 20, 25, 27 * FEBRUARY – 1, 3, 8, 10, 17, 22, 24 MARCH - 1, 3, 8, 10, 15, 17, 22, 24, 29, 31 * APRIL – 5, 7, 12, 14, 19			
REVIT ARCHITECTURE	T-TH (5:30 to 9:30 pm)	1/21/27	4/15/27
MEETING DATES: * JANUARY – 21, 26, 28 * FEBRUARY – 2, 4, 9, 11, 16, 18, 23, 25 * MARCH – 2, 4, 9, 11, 16, 18, 23, 25, 30 * APRIL – 1, 6, 8, 13, 15			
REVIT ENHANCED	T-TH (5:30 to 9:30 pm)	1/21/27	4/15/27
MEETING DATES: * JANUARY – 21, 26, 28 * FEBRUARY – 2, 4, 9, 11, 16, 18, 23, 25 * MARCH – 2, 4, 9, 11, 16, 18, 23, 25, 30 * APRIL – 1, 6, 8, 13, 15			
SOLIDWORKS	T-TH (5:30 to 9:30 pm)	1/21/27	4/15/27
MEETING DATES: * JANUARY – 21, 26, 28 * FEBRUARY – 2, 4, 9, 11, 16, 18, 23, 25 * MARCH – 2, 4, 9, 11, 16, 18, 23, 25, 30 * APRIL – 1, 6, 8, 13, 15			
CIVIL 3D	T-TH (5:30 to 9:30 pm)	1/21/27	4/15/27
MEETING DATES: * JANUARY – 21, 26, 28 * FEBRUARY – 2, 4, 9, 11, 16, 18, 23, 25 * MARCH – 2, 4, 9, 11, 16, 18, 23, 25, 30 * APRIL – 1, 6, 8, 13, 15			
BLUEBEAM	T-TH (5:30 to 8:30 pm)	1/21/27	3/30/27
MEETING DATES: * JANUARY – 21, 26, 28 * FEBRUARY – 2, 4, 9, 11, 16, 18, 23, 25 * MARCH – 2, 4, 9, 11, 16, 18, 23, 25, 30			
AUTOCAD	**FRIDAY (5:30 to 9:30 PM) & SATURDAY (8 AM to 12 PM)**	1/22/27	4/23/27
MEETING DATES: * JANUARY – 22, 23, 29, 30 * FEBRUARY – 5, 6, 19, 20, 26, 27 * MARCH – 5, 6, 12, 13, 19, 20, 26, 27 * APRIL – 2, 3, 9, 10, 16, 17, 23			

For enrollment, please contact BARRY: barry@ach.edu or call 949-393-8866

www.ach.edu/state-funded-training-programs



Upcoming Events

ASPE Holiday Party
Saturday, December 12th
5245 Santa Monica Blvd

Continued from page 1

As usual, the Convention's business meeting featured extensive discussions regarding proposed bylaws amendments. Our delegation met before departing for the Convention to coordinate positions and prepare to discuss and vote on each proposal. I'm pleased to report that most chapters shared our views, and the voting outcomes largely aligned with our positions.

On behalf of the ASPE LA Chapter Board of Directors, I would like to thank our delegates for their dedication and support. Your commitment reaffirms our chapter's strength and carries forward its proud legacy as ASPE's founding chapter.

I'm also delighted to announce that our chapter once again received the Chapter Award of Merit. This recognition belongs to all our members who contribute to the chapter's continued success, as well as the Board of Directors for its tireless efforts to promote and strengthen the ASPE Los Angeles Chapter.

Shortly after our delegates returned from the 2026 ASPE Convention, the ASPE LA Chapter held a family picnic at beautiful San Dimas Canyon Park on October 17. With plenty of food, outdoor activities, raffle prizes, and good cheer, the event provided a wonderful opportunity to network, share Convention highlights, and catch up with fellow members.

Thank you to everyone who attended and to our sponsors for their generous support. Special thanks to our picnic committee—Noelle Melzer, Gabriel Starkman, Chris Tamayo, and Thura Zin—for making the event possible and bringing smiles to everyone who joined us.

We plan to close out 2026 with our traditional holiday party on December 12 at the newly opened The Grapevine restaurant, located at 5245 Santa Monica Blvd. Our usual live band will return, giving Noelle and Thura another opportunity to shine with their karaoke performances.

The evening will include unlimited food and adult beverages, along with complimentary valet parking. I look forward to seeing as many members as possible. Let's make it another unforgettable ASPE Los Angeles Chapter event!

Be well, stay well.

Continued on page 9

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ASPE
HOLIDAY PARTY

Members & Friends

Reconnect with friends and cherish the holiday season together.

LIVE ENTERTAINMENT

DECEMBER 12
6:00 PM – 11:00 PM

The Grapevine Restaurant
5245 Santa Monica Blvd
Los Angeles, CA 90029

ADMISSION: $150 PER COUPLE
Unlimited food and drinks

Complimentary valet parking will be available

RSVP BY DECEMBER 1
vptech.aspela@gmail.com



WASHINGTON WEEKLY



DC COUR HEARS ARGUMENTS ON PFAS DRINKING WATER LIMITS

The D.C. Circuit heard arguments in challenges to EPA's federal drinking water regulation for PFAS, including requirements for PFOA, PFOS and several additional PFAS compounds. Much of the argument focused on EPA's rulemaking process and whether procedural issues affected portions of the regulation. The case could determine how much of the 2024 PFAS drinking water rule remains in place and how EPA approaches future PFAS regulation under the Safe Drinking Water Act

Continue Reading

CALIFORNIA ENACTS NEW DATA CENTER REGULATIONS

Gov. Gavin Newsom signed seven bills establishing new requirements governing data center electricity, water use and land-use considerations in California. The measures include reporting requirements and provisions addressing the cost of electric-grid and water-system upgrades associated with new facilities. The package comes as communities and policymakers continue debating the economic and environmental impacts of rapid data center development.

Continue Reading

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UCLA Extension

CONSTRUCTION CAREER & INDUSTRY SUMMIT 2026

Connecting Students, Alumni and Industry Leaders



THURSDAY
NOV. 5, 2026
1:00 p.m.–5:00 p.m. PT.

IN PERSON
UCLA Extension
Gayley Center
Westwood

COST
$25.00

Join us for the Construction Career and Industry Summit on **Thursday, Nov. 5, 2026**, from **1:00 p.m.–5:00 p.m. PT.** Connect with construction industry recruiters, employers, students and alumni while exploring career opportunities across the field.

Meet industry professionals, hear insights from expert panels, build your professional network and strengthen your careers skill through mock interviews and interactive activities. Whether you are preparing to enter the construction industry or looking to take the next step in your career, this event is an opportunity to make meaningful connections, gain real world insights and unlock your potential in the construction industry.

Learn Connect Practice Grow

EVENT HIGHLIGHTS

Program Overview
Learn about the Construction Management certificate and explore career paths.

Alumni Panel
Hear from alumni about their experiences, career journeys and lessons learned.

Recruiter & Industry Panel
Gain insights on hiring trends, what employers are looking for and how to stand out.

Networking
Connect directly with recruiters, industry professionals students and alumni.

Resume Support & Mock Interviews
Get feedback, practice your skills, and build confidence for future interviews.

Recruitment Tables
Meet participating companies, ask questions and learn about full time opportunities.

PARTICIPATING COMPANIES

THE PORT OF LOS ANGELES | AECOM | Jacobs | More companies to be announced!

WHO SHOULD ATTEND?

- UCLA Extension certificate students and alumni
- Construction management professionals
- Individuals interested in careers in construction
- Employers and companies looking to hire construction professionals
- Construction and infrastructure industry professionals

REGISTER NOW

Thursday, Nov. 5, 2026
1:00 p.m.–5:00 p.m. PT.
UCLA Extension Gayley Center
Westwood
$25.00



Technical Report

BY Thura Zin CPD, GPD
V.P. Technical

The ASPE Los Angeles Chapter held its monthly meeting on October 7, 2026, at the Courtyard by Marriott in Burbank.

On behalf of the ASPE-LA Board of Directors, we extend our sincere appreciation to Mr. David Olds, Business Development Manager at FPS, for delivering an informative technical presentation.

Mr. Olds discussed key performance considerations when selecting special hazard fire detection and suppression systems. His presentation covered the advantages and limitations of basic water systems, pre-action systems, water mist systems, chemical clean agent systems, inert gas clean agent systems, and CO_2 suppression systems.

The presentation provided valuable insight into system selection criteria and practical considerations for various special hazard applications.

Members interested in obtaining a copy of the presentation are encouraged to contact the chapter.

We were pleased to welcome 45 ASPE members, engineers, and design professionals to the meeting. Thank you to everyone who attended and continues to

Continued on page 16

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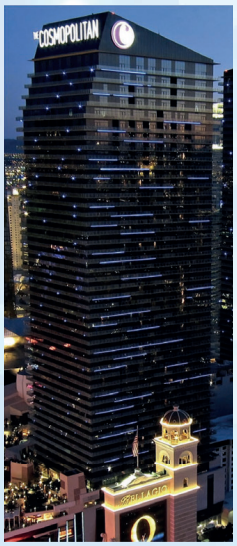
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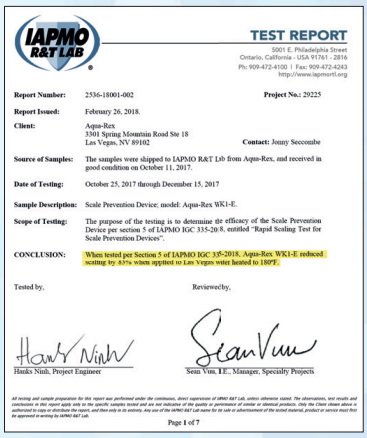
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  (No Salt)
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TEST REPORT

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Report Number:	2536-18001-002 **Project No.:** 29225
Report Issued:	February 26, 2018.
Client:	Aqua-Rex 3301 Spring Mountain Road Ste 18 Las Vegas, NV 89102 **Contact:** Jonny Seccombe
Source of Samples:	The samples were shipped to IAPMO R&T Lab from Aqua-Rex, and received in good condition on October 11, 2017.
Date of Testing:	October 25, 2017 through December 15, 2017
Sample Description:	Scale Prevention Device; model: Aqua-Rex WK1-E.
Scope of Testing:	The purpose of the testing is to determine the efficacy of the Scale Prevention Device per section 5 of IAPMO IGC 335-20/8, entitled "Rapid Scaling Test for Scale Prevention Devices".
CONCLUSION:	When tested per Section 5 of IAPMO IGC 335-2018, Aqua-Rex WK1-E reduced scaling by 83% when applied to Las Vegas water heated to 180°F.

Tested by. Reviewed by.

Hanks Ninh, Project Engineer

Sean Vun, I.E., Manager, Specialty Projects

All testing and sample preparation for this report was performed under the continuous, direct supervision of IAPMO R&T Lab, unless otherwise stated. The observations, test results and conclusions in this report apply only to the specific samples tested and are not indicative of the quality or performance of similar or identical products. Only the Client shown above is authorized to copy or distribute the report, and then only in its entirety. Any use of the IAPMO R&T Lab name for the sale or advertisement of the tested material, product or service must first be approved in writing by IAPMO R&T Lab.

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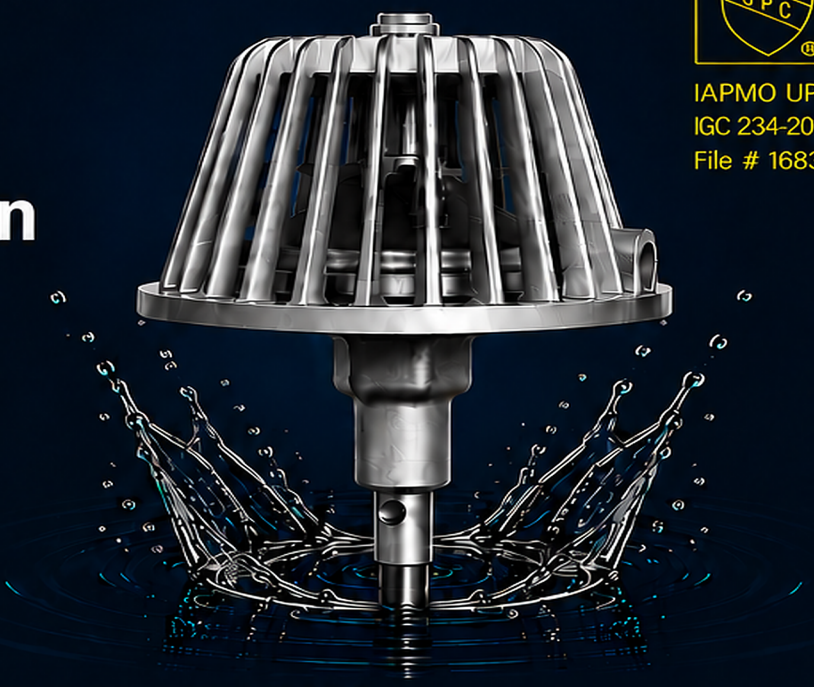
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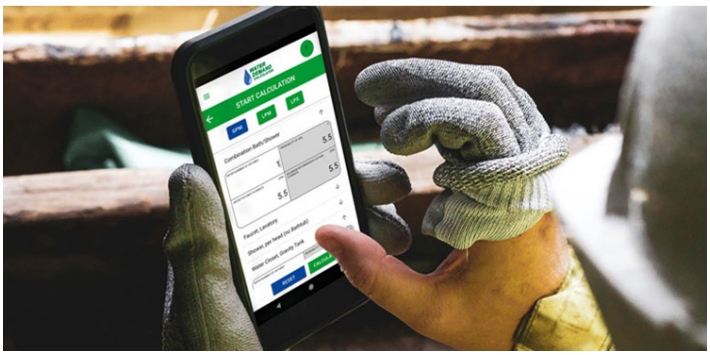
Continued from page 8



SITE RESERVIOIR CLEARS KEY WATER-PERMIT HURDLE

Revised terms for a proposed state water right would allow the planned Sites Reservoir to capture more Sacramento River water during qualifying high-flow conditions. The proposed reservoir would store approximately 1.5 million acre-feet of water and is estimated to cost roughly $6 billion. Environmental organizations continue to raise concerns about potential effects on Delta flows and salmon as the project moves through the state approval process.

Continue Reading



WATER DEMAND CALCULATOR OFFERS NEW OPPORTUNITIES FOR MULTIFAMILY BUILDINGS

California's 2025 Energy Code, effective Jan. 1, 2026, establishes a prescriptive requirement to use California Plumbing Code Appendix M's Water Demand Calculator when sizing hot-water distribution piping for multifamily central water-heating systems. The approach can allow smaller piping and equipment while reducing construction costs, water use, energy consumption and hot-water delivery times. IAPMO is also leading a data collection effort aimed at expanding the Water Demand Calculator's application to commercial buildings.

Continue Reading

Membership Report

By Brian Wright
VP Membership

Welcome Our Newest Members

Please join us in extending a warm welcome to our newest ASPE members:

Sonya Pandian, P.E.
EMP Consultants

Amirali Habibi
SunEarth Inc.

Ricardo Hernandez
ACCO

Barry Bloch
Coast Compressor / Medical Gas Resources

Abdi Rodriguez Vizarretea
BMA Mechanical

William Gibson
WDI

Alec Avakian
Student Member

Andrey Malkhasyan
Student Member

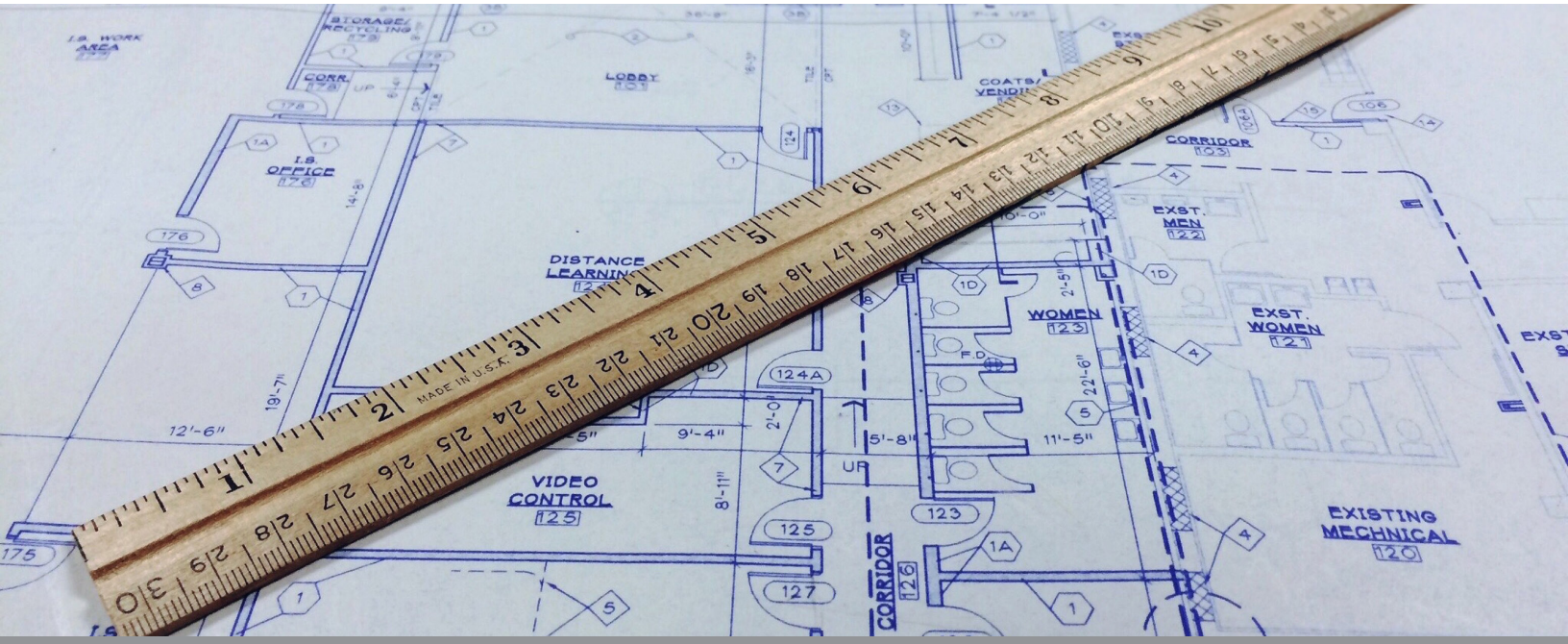
We are grateful to these new members for joining our ASPE community. Their participation and support contribute to the continued strength, growth, and success of our chapter. We look forward to their engagement and the valuable perspectives they bring to our organization.

Membership Renewal Reminder

As we approach the holiday season, we would like to extend our warmest wishes to all our members and thank you for your continued support throughout the year. If you have not yet renewed your membership, please take a moment to do so by visiting the link below:

Join or Renew Your ASPE Membership

This same link can also be used to purchase the gift of an ASPE membership for a friend, colleague, or student interested in becoming part of the ASPE community. Thank you for being a valued member of ASPE. We wish you and your families a joyful holiday season and a prosperous New Year!



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Continued from page 10

support our chapter activities.

Upcoming Meeting

November 11, 2026 | Courtyard by Marriott, Burbank

We are back to our regular schedule on the second Wednesday of the month!

Please join us for our November chapter meeting featuring Mr. Gary Klein, President of Gary Klein and Associates, Inc., who will present:

“The Building Science of (Hot) Water: Architectural Compactness, and Right-Sizing with the Water Demand Calculator”

The presentation will explore the principles of architectural compactness and right-sizing piping systems, including a case study demonstrating reductions in initial costs, entrained water volume, and hot-water delivery time. Mr. Klein will also discuss the implications of these design approaches for improving the health and safety of premise plumbing systems.

Following the presentation, time will be reserved for audience questions and discussion, providing an opportunity to address design challenges and share practical experiences.

We look forward to another informative and engaging presentation.

ASPE Los Angeles Chapter Family Picnic

October 19, 2026 | San Dimas Canyon Park

Continued on page 20

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Continued from page 16

Members and their families gathered at San Dimas Canyon Park on October 19 for the annual ASPE Los Angeles Chapter Family Picnic.

Approximately 30 members and family guests attended the event, enjoying a day of fellowship, food, and outdoor activities in a relaxed setting. The picnic provided a wonderful opportunity for members to connect outside the workplace and strengthen the sense of community within our chapter.

Special thanks go to David Kelly, Christopher Tamayo, Noelle Melzer, and Gabriel Starkman for their time and effort in planning and organizing this year's event.

Get Involved

The ASPE Los Angeles Chapter welcomes your ideas and suggestions for future technical presentations, chapter meetings, and special events.

If you have recommendations for topics or speakers, please contact any member of the Board of Directors.

Stay informed by checking your email for chapter announcements and visiting the chapter's Technical Calendar for upcoming meetings and events.

Thank you for your continued participation and support of the ASPE Los Angeles Chapter. Your involvement helps make our programs, meetings, and events successful.

We look forward to seeing you at our upcoming meetings and activities.

Stay safe and take care.



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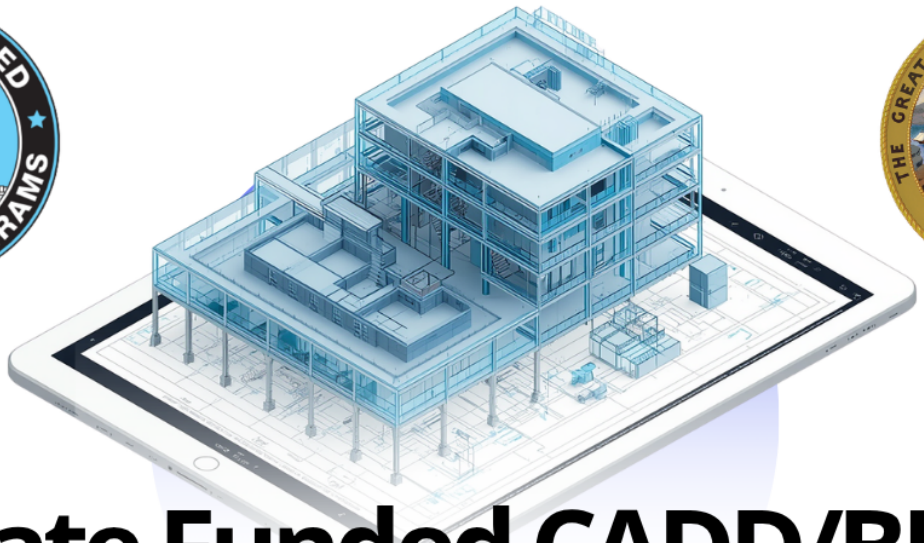
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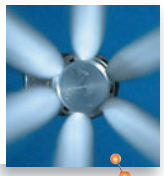
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