



# Orange Spiel

Orange County, CA  
2024-2025  
March Edition



All the Juice from ASHRAE's Orange Empire Chapter

## MARCH MEETING INFORMATION:

Tuesday,  
March 18, 2025

Joint Meeting with  
San Diego Chapter

Mission Pacific Beach Resort  
201 N. Myers Street  
Oceanside, CA 92054

Reservations can be made [here](#), or  
you can check our Events page at  
[www.ashraeorangeempire.com](http://www.ashraeorangeempire.com)

FOR TRAIN RESERVATIONS,  
PLEASE CONTACT:

Emily Yang c/o DMG Co.  
[emily.yang@dmghvac.com](mailto:emily.yang@dmghvac.com)  
Office: 562-692-1277  
Cell: 909-516-4924

### DINNER PROGRAM

*"Ethical Dilemmas in our  
Modern World"*

Presented by Pam Duffy, PE

### ORANGE SPIEL EDITOR

Robert Hagstrom, P.E., LEED AP  
c/o Southern California Edison  
6090-B N. Irwindale Avenue  
Irwindale, CA 91702  
Phone 626.633.3432  
PAX 43432 | Cell 626.609.9791  
[Robert.Hagstromesce.com](http://Robert.Hagstromesce.com)



## Now a word from our president:

Hello Orange Empire Members!

We are so excited to share the successes we have had so far this ASHRAE Orange Empire Season! But first, we would like to thank our long-time Orange Spiel Publisher, Teri Berry, for her partnership over the last decades - Teri thank you for all of your support, and enjoy your retirement! As we have now established a new publishing system we look forward to streamlined communication with our members moving forward. Thank you to all our members and contributors who make this Newsletter possible.

So far this season we have had our most successful fundraising golf tournament to date, sponsored two deserving students' trips to the ASHRAE winter conference in Orlando. We are now accepting applications for our annual scholarships, and we have hosted several exciting monthly meetings and events.

Thank you to everyone for their hard work and dedication, without you none of this is possible. I hope you will all join us on the train to our joint-chapter meeting with San Diego in March!"

Anthony



# MARCH MEETING

## TUESDAY, MARCH 18, 2025

The ASHRAE Orange Empire Chapter would like to welcome you to join us for our yearly Joint Chapter Meeting with the San Diego Chapter this March 18th (Tuesday). Like last year, we are planning for a large attendance and will be holding the event at a convenient location for both chapters, Mission Pacific Beach Resort in Oceanside, CA.

It's all aboard the Orange Express Pacific Surfliner Amtrak train that lets off one block from the Mission Pacific Hotel. The cost for the train ticket is included in your meeting registration. Registration deadline is 3:00 PM on Monday, March 17th if you want a train ticket to be included. Same day and walk up registration is allowed but transportation will not be included.



## ASHRAE Distinguished Lecturer Pam Duffy, PE

---

### Ethical Dilemmas in our Modern World

Get ready to engage in some lively debates and thought-provoking discussions! This session dives into the ethical dilemmas posed by social media, internet-based companies, and artificial intelligence (AI). As technology reshapes how we connect, gather information, and conduct business, it's crucial to understand both the benefits and potential pitfalls. With smartphones at our fingertips, the flow of information is instant and constant.

Join us for an interactive workshop where you'll participate in spirited debates and discussions on real-life ethics case studies from the HVACR industry. Challenge your perspectives, share your insights, and collaboratively navigate the complexities of modern tools in our digital age. Be part of an engaging session that will elevate your ethical decision-making and spark meaningful conversations.

# February

## MEETING MINUTES

**Date:** February 27, 2025  
**Time:** 5:00 PM to 5:30 PM  
**Place:** The Villa

### MEETING ATTENDEES

- Jeffrey Hanzel (JH)
- Anthony Zanotti (AZ)
- Ryan Sibley (RS)
- Jessica Clark (JC)
- James Mansfield (JM)
- Cinthya Carrillo (CC)
- Chris Fong (CF)

### CALL TO ORDER

1. Meeting called to order at 5:00 PM
2. Quorum Determination (Minimum 5 Voting Members)

### TREASURER TASKS

1. Financial Update
2. Files Taxes Late
3. Chapter State Registration

### GOLF TOURNAMENT

1. Next year's golf tournament (Tustin Ranch Oct. 2nd)
2. Form golf committee, assign task and get going on initial planning

### YEA ACTIVITIES

1. Joint Event with DBIA
2. Bubble Fest event March 28th - April 14th, We want to do a Friday so March 28th, April 4th, 11th

### STUDENT ACTIVITIES

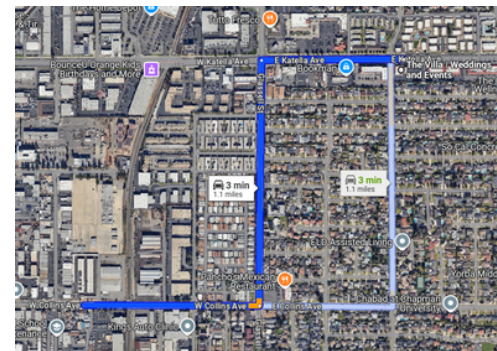
1. Scholarships

### VP/CTTC

1. Jessica is sick; confirm tasks still needed for final 4 Meetings.
2. Meeting Dates (Find Speakers)
  - a. September 26 (Booked at Villas)- Refrigeration by Trane
  - b. October 24 (Booked at Villas)- VICTAULIC
  - c. November 21 (Booked at Villas)- Have Speaker - Davie (Purdue)
  - d. December 19 - Joint SoCal/Tri-County - Hosted by SoCal - President Speaking
  - e. January 30- Villa - Steve McCool - SCAQMD rule changes
  - f. February 27 - Trevor Thomas - CEC Updates
  - g. March 18- Joint SD - Pam Duffy - Discuss Train Details
  - h. April 24 (Booked at Villas)- Kent Peterson or Cancel booking and do a refrigeration Night., Asking Brian from HCAi for availability- JS, Contact Travis English if he is available as well. we reached out to Travis English
  - i. May 29 (Booked at Villas)- Installment Dinner/History night - Celebration of Past And Future

### PENDING ITEMS

1. Storage unit
  - a. Anthony is going to take the badge briefcases home and relieve Chris of his duties. He is going to bring it to every meeting for the rest of the ASHRAE year.
  - b. Anthony brought up which storage unit we are going to use. Chris Mellen suggested to have the closer one to the villa. Jeff Hanzel said that he pays \$229 per month and you can access it 24/7.



<b>Small</b> 5'x10'	<ul style="list-style-type: none"> <li>✓ Elevator Access</li> <li>✓ Inside Unit, Swing Door</li> </ul>	<b>\$1 FIRST RENT</b>	In-Store Price \$99 Online only price <b>\$60/mo</b>	<input type="button" value="Hold Now"/> <small>No Obligation</small>
<b>Medium</b> 10'x8'	<ul style="list-style-type: none"> <li>✓ Elevator Access</li> <li>✓ Inside Unit, Swing Door</li> </ul>	<b>\$1 FIRST RENT</b>	In-Store Price \$95 Online only price <b>\$62/mo</b>	<input type="button" value="Hold Now"/> <small>No Obligation</small>
<b>Small</b> 10'x5'	<ul style="list-style-type: none"> <li>✓ Ground Floor</li> <li>✓ Inside Unit, Swing Door</li> </ul>	<b>1 unit left!</b> <small>Limited availability</small>	In-Store Price \$99 Online only price <b>\$65/mo</b>	<input type="button" value="Hold Now"/> <small>No Obligation</small>
<b>Small</b> 5'x10'	<ul style="list-style-type: none"> <li>✓ Elevator Access</li> <li>✓ Climate Controlled</li> <li>✓ Inside Unit, Swing Door</li> </ul>	<b>\$1 FIRST RENT</b>	In-Store Price \$107 Online only price <b>\$69/mo</b>	<input type="button" value="Hold Now"/> <small>No Obligation</small>
<b>Medium</b> 10'x10'	<ul style="list-style-type: none"> <li>✓ Elevator Access</li> <li>✓ Inside Unit, Swing Door</li> </ul>	<b>\$1 FIRST RENT</b>	In-Store Price \$111 Online only price <b>\$71/mo</b>	<input type="button" value="Hold Now"/> <small>No Obligation</small>

**CHAPTER OFFICERS**

President. . . . . Anthony Zanotti  
 President-Elect. . . . . Ryan Sibley  
 Vice President. . . . . Jessica Clark  
 Secretary. . . . . James Mansfield  
 Treasurer. . . . . Emily Yang

**BOARD OF GOVERNORS**

David Lawson Chris Farrington  
 Brian Sybesma John Sawyer

**CRC DELEGATE**    **CRC ALTERNATE**  
 TBD                      TBD

**ASHRAE  
 ORANGE EMPIRE CHAPTER  
 2024-2025  
 LEADERSHIP**

**SPIEL DEADLINE**  
**The February deadline**  
**for articles or ads is**  
**MONDAY,**  
**JANUARY 29, 2024**

**COMMITTEES AND CHAIRPERSONS**

CCTC. . . . . Ryan Sibley  
 Communications. . . . Jackson Aplanalp  
 Diversity in ASHRAE. . . . . TBD  
 Government Affairs. . . Christopher Fong  
 Golf Tournament. . . . . TBD  
 Historian . . . . . Chris Mellen  
 Membership Promotion. . . Shivam Vadan  
 Newsletter Editor. . . . Robert Hagstrom  
 Refrigeration. . . . . TBD  
 Research Promotion. . . . John Sawyer  
 Student Activities . . . . Cinthya Carrillo  
 YEA. . . . . Alejandro Alvarez

**SUPPORT  
 YOUR  
 CHAPTER  
 AND PLACE  
 AN AD!**

Contact your  
 Spiel Editor and place  
 an ad in next months'  
 newsletter:

Robert Hagstrom, P.E.  
 (626) 633-3432  
 Robert.Hagstrom@sce.com



**SPIEL  
 ADVERTISING RATES**

1/4 Page . . . . . \$25  
 1/3 Page . . . . . \$35  
 1/2 Page . . . . . \$50  
 Full Page . . . . . \$100  
 Business Card . . \$ 25  
 Website Ad . . . . \$100

SUBMIT YOUR STUDENT JOB OPPORTUNITIES!

*Now Hiring!*

SEND JOB POSITINGS FOR STUDENT INTERNSHIPS AND ENTRY LEVEL POSITIONS TO

REQUIRED FORMAT

- Relevant Job Title
- Job Requirements
- Contact Information

ALL LISTINGS WILL BE SHARED WITH ALL STUDENT MEMBERS OF THE ORANGE EMPIRE CHAPTER

GOT ASHRAE HANDBOOKS?

**ASHRAE  
 Orange Empire  
 Book Drive**

Donate your old ASHRAE handbooks to student members!

Any version of the ASHRAE Handbooks accepted! Drop off your donations at any technical meeting or to the student activities chairs Cinthya Carrillo (Cinthya.Carrillo@haskell.com) & David Lawson (David.Lawson@RFMacDonald.com)



# ORANGE EMPIRE CHAPTER

WINTER/SPRING  
2024/25 SCHEDULE

MEETING LOCATION:

MISSION PACIFIC  
BEACH RESORT  
201 N. Myers Street  
Oceanside, CA 92054

Statements made in this publication are not the expressions of the Society or of the Orange Empire Chapter and may not be reproduced without special permission of the Orange Empire Chapter. The Orange Spiel is not responsible for the accuracy of the technical articles.

## MEETING INFORMATION

TUESDAY,  
MARCH 18, 2025

### DINNER PROGRAM

*"Ethical Dilemmas in our  
Modern World"*

Presented by Pam Duffy, PE

THURSDAY, SEPTEMBER 26, 2024  
Dinner: Refrigerant Selection  
Considerations  
Place: The Villa, Orange  
Presenter: Steven Kujak

THURSDAY, OCTOBER 24, 2024  
Dinner: History of Grooved Pipe  
Joint Technology  
Place: The Villa, Orange  
Presenter: Lance Williams

THURSDAY, NOVEMBER 21, 2024  
Dinner: Techno-economic and  
climate-based evaluations of  
advanced heat pumping and water  
heating technologies  
Place: The Villa, Orange  
Presenter: Davide Ziviani, PhD,  
ASHRAE DL

THURSDAY, JANUARY 30, 2025  
Dinner: SCQAMD Amended Rule  
1146.2  
Place: The Villa, Orange  
Presenter: Steve McCool

THURSDAY, FEBRUARY 27, 2025  
Dinner: California Energy Code  
Updates  
Place: The Villa, Orange  
Presenter: Trevor Thomas

TUESDAY, MARCH 18, 2024  
Dinner: Ethical Dilemmas in our  
Modern World  
Place: Mission Pacific Beach Resort,  
Oceanside  
Presenter: Pam Duffy, PE

THURSDAY, APRIL 24, 2025  
Dinner: TBD  
Place: The Villa, Orange  
Presenter: TBD

TUESDAY, MAY 20, 2024  
Dinner: 2024-2025 Installation  
Night Dinner  
Theme: Officer and Board  
Installation  
Place: The Villa, Orange