

# Orange Spiel

Juicy News from ASHRAE's Orange Empire Chapter



## MEETING INFORMATION

**TUESDAY, JANUARY 15, 2019**

### THE PHOENIX CLUB

1340 S. Sanderson Avenue  
Anaheim, CA 92806

[CLICK HERE FOR DIRECTIONS](#)

### HONDA CENTER

2695 East Katella Avenue  
Anaheim, CA 92806

[CLICK HERE FOR DIRECTIONS](#)

Event Time . . . . . 4:00 – 9:00 p.m.

[SEE PAGE 2 FOR DETAILED ITINERARY](#)

**PLEASE E-MAIL** (PREFERRED),  
**OR CALL WITH YOUR**  
**RESERVATIONS TO:**

Ryan Sibley c/o TK1SC  
[rsibley@tk1sc.com](mailto:rsibley@tk1sc.com)

Direct: 949.751.5923

Office: 949.751.5800

### PRICE SCHEDULE

Member . . . . .	\$45
Non-Member . . . . .	\$50
Student . . . . .	\$10
Member Day of Event . . . . .	\$50
Non-Member Day of Event . . . . .	\$55
Table Tops . . . . .	\$150

[CLICK HERE TO REGISTER ONLINE](#)

**IF CANCELLATION IS NOT  
RECEIVED YOU WILL BE BILLED  
FOR THE SESSION**

[SEE PAGE 5 FOR FAX ORDER FORM](#)

### HONDA CENTER TOUR

### DINNER PROGRAM

*"Future Chiller Refrigerants"*  
by Gus Rolotti

### Orange Spiel Editor

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Irwindale, CA 91702  
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## JANUARY MEETING NOTICE JOINT MEETING WITH TRI-COUNTY

**TUESDAY, JANUARY 15, 2019**

### REFRIGERATION NIGHT AT THE PHOENIX CLUB ~~AND HONDA CENTER TOUR~~ (Tour Portion Cancelled)

Please come joint us for another great ASHRAE Orange Empire meeting this January 15th! This will be a joint meeting with our Tri-County fellows.

The night starts with a tour of the nearby Honda Center followed by a Dinner presentation on Future Chiller Refrigerants, presented by Gus Rolotti.

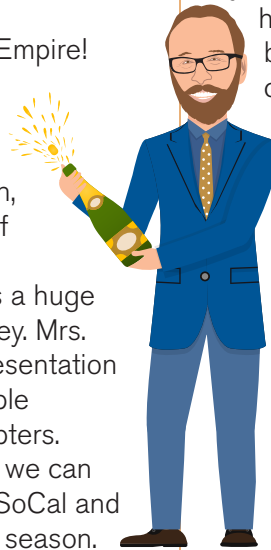
(See *Additional Meeting Info* page 2 for details)

## GREG'S BLOG

Happy New Year Orange Empire! It's crazy to think that 2018 has come and gone. We're only halfway through our 2018-2019 ASHRAE season, though, with a lot of cool stuff still to come.

Last month's meeting was a huge success at the ERC in Downey. Mrs. Sheila Hayter had a great presentation and we had around 100 people representing our 3 local Chapters. It's always a great time when we can gather with our friends from SoCal and Tri-County during the holiday season.

This month's meeting we're back at the Phoenix Club and will be



joined by the Tri-County Chapter. If you haven't checked it out yet, you've been missing out and hopefully you can make it out for the first meeting of the new year. We will have Gus Rolotti with Carrier Corporation come talk on Current and Future Chiller Refrigerants. We will also be doing a technical tour at the Honda Center.

I would also like to inform everyone that later on this month on January 25th, Tri-County will be hosting their annual trap shoot at Mike Raahaugee's Shooting Enterprise in Corona. It's been a great event for the last couple of years and should be another fun

(See **GREG'S BLOG** page 2)

## JANUARY MEETING NOTICE

(CONTINUED FROM PAGE 1)

### ADDITIONAL MEETING INFORMATION

#### ITINERARY

~~4:00 pm to 5:00 pm:~~

Board Meeting and Social at Phoenix Club (Members encouraged to show up early)

~~5:00 pm to 5:20 pm:~~

Drive to the Honda Center Parking Lot 3. Meet in Guard Shack near Underground ramp.

~~5:20 pm to 5:30 pm:~~

Security Check In

5:30 pm to 6:15 pm:  
Tour Honda Center

Board Meeting

6:15 pm to 7:00 pm:  
Drive back to Phoenix Club

Social

7:00 pm to 9:00 pm:  
Dinner and Presentation on Refrigeration

Please note the following:

- 1) Bring walking Shoes
- 2) Bring a Flashlight because sunsets around 5 pm
- 3) It's OK to take photos
- 4) Please list any special

accommodations if required on registration form or contact Greg Glover at gglover@wasocal.com.

- 5) The deadline to sign up for the Tour is Monday, January 14th at 2:00 pm.

Members are welcome to sign up after the deadline for the dinner.

Dinner Topic: Future Chiller Refrigerants.

Presenter: Gus Rolotti, GDR Consultant for HVAC/R and refrigerants. 🍊

### GREG'S BLOG

(continued from page 1)

time in 2019.

Lastly, next month's meeting will be on Hydronic Piping with PEX by Devon Abellon, P.E. with Uponor. For those of you who don't know, Devon is a DL (Distinguished Lecturer), and is an active member of ASHRAE on the local chapter, regional, and Society level. He is currently the Programs Subcommittee Chair for ASHRAE TC6.5 – Radiant and Convective Space Heating and Cooling, as well as a Regional Vice Chair in Region X.

We will also be offering a tech session on Expansion Tank Sizing by one of our Past Presidents and current Orange Empire Board of Governors member, Eric Decker, P.E, C.P.D. Hopefully you all can make it out to the new venue for these presentations as they're sure to be very informative. Until next month, stay comfortable....

Greg Glover 🍊



### AIR CONDITIONING SPECIALTIES COMPANY

Air Conditioning Specialties Company is seeking an experienced sales engineer to partner with an established customer base in the Los Angeles and Orange County area market. Excellent opportunity for an individual who enjoys and excels in an independent working environment fully supported by experienced, friendly management, co-workers and well respected HVAC manufacturers. Contact Rob Morse at [rmorse@acspecialties.com](mailto:rmorse@acspecialties.com), or telephone us at 714-738-7711

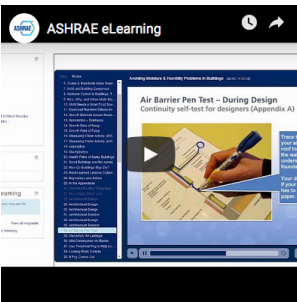
### SHARE YOUR EXPERTISE!



Submit an article for publication in next month's Orange Spiel. Email your editor today at [Robert.Hagstrom@sce.com](mailto:Robert.Hagstrom@sce.com).



# ELEARNING ON DEMAND



## About ASHRAE eLearning

Did you know ASHRAE offers web-based training through its redesigned eLearning portal? Start earning PDHs right away.

[BUY AN ELEARNING COURSE](#)

[CONTINUE YOUR TRAINING](#)

[LEARN MORE](#)

## Corporate Programs

[LEARN MORE](#)

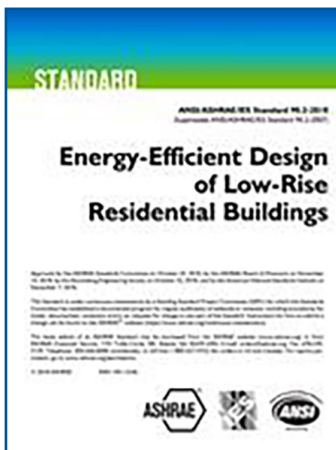
ASHRAE offers attractively priced course packages and libraries on a variety of HVAC&R subject areas.



## Course Sneak Preview

This 15-minute clip of ASHRAE eLearning course, "School of Hard Knocks: Controlling Moisture and Humidity in Buildings" shows you what to Expect from this popular course.

[SNEAK PREVIEW \(YOUTUBE\)](#)



## ESSENTIAL RESOURCES FROM ASHRAE – NEW UPDATED STANDARD – REAL IMPACT!

902 Standard 90.2-2018 -- Energy Efficient Design of Low-Rise Residential Buildings (ANSI Approved)  
This standard provides minimum requirements for the energy-efficient design of residential buildings, including new dwelling units, new portions of dwelling units and their systems, and new systems and equipment in existing dwelling units.

The new 2018 revision of Standard 90.2 outlines cost-effective residential building energy performance measures that are at least 50% more efficient than those defined by the 2006 International Energy Construction Code (IECC).



**CHAPTER OFFICERS**

President ..... Greg Glover  
 President-Elect ..... David Lawson  
 Vice President ..... Ben Chesser  
 Treasurer ..... Brian Sybesma  
 Secretary ..... Mary Johnson

**BOARD OF GOVERNORS**

Jeff Conrad      Craig F. Hofferber  
 Eric Decker      Stephen J. Rawski, P.E.  
 Ken Golovko      Matthew Waller, P.E.

**CRC DELEGATE**

Greg Glover

**CRC ALTERNATE**

David Lawson

**ASHRAE  
 ORANGE EMPIRE CHAPTER**

**2018-2019  
 PARTIAL ROSTER**

**SPIEL DEADLINE**  
 The February deadline  
 for articles or ads is  
**FRIDAY,**  
**FEBRUARY 15, 2019**

**COMMITTEES AND CHAIRPERSONS**

Attendance ..... TBD  
 Electronic Communications ..... Ryan Sibley  
 Government Affairs ..... Chris Farrington  
 Golf Tournament ..... Jeff Hanzel  
 Historian ..... Chris Mellen  
 K-12 STEM ..... Greg Glover  
 Membership Promotion ..... Jeff Hanzel  
 Newsletter Editor ..... Robert Hagstrom  
 Programs ..... TBD  
 Refrigeration ..... Jeff Conrad/ Ben Chesser  
 Research Promotion ..... John Sawyer  
 Student Activities ..... Eric Decker  
 Table Top Displays ..... TBD  
 Technology Transfer ..... Ben Chesser/David Lawson  
 Webmaster ..... Ryan Sibley  
 Women in ASHRAE ..... Mary Johnson  
 YEA ..... Jack Walsh/Kevin Smith



**BUFFET DINNER**

**SALAD**  
 GARDEN GREEN SALAD WITH RANCH AND ITALIAN DRESSING, CLASSIC CAESAR SALAD WITH PARMESAN CHEESE, CROUTONS

**ENTREE**  
 BRAISED BEEF BRISKET, CHICKEN CORDON BLUE WITH PANCETTA SAUCE

**VEGETABLE**  
 ROASTED BRUSSELS SPROUTS AND BACON

**STARCH**  
 GARLIC SMASHED RED BLISS POTATOES

**DESSERT**  
 MANGO CAKE WITH RASPBERRY SAUCE, CARROT CAKE

**PLEASE RSVP FOR THE JANUARY 15 MEETING**

Pre-registration required by Monday, January 14, 2019 at 2 p.m  
*(non-cancellations will be billed)*

**Ryan Sibley c/o TK1SC Direct: 949.751.5923 • Office: 949.751.5800 • E-mail: [rsibley@tk1sc.com](mailto:rsibley@tk1sc.com)**

MEMBER:  \$45.00 | NON-MEMBER:  \$50.00 | STUDENT:  \$10.00

MEMBER Day of Event:  \$50.00 | NON-MEMBER Day of Event:  \$55.00 | Table Tops:  \$150.00

Name(s): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Company: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

To be removed from our e-mail list, please notify Ryan Sibley at 949.751.5923 or email [rsibley@tk1sc.com](mailto:rsibley@tk1sc.com) or Steve Rawski at e-mail [srawski@semprautilities.com](mailto:srawski@semprautilities.com)

**PLEASE DO NOT CONTACT THE RESERVATION LINE TO REMOVE YOUR FAX NUMBER FROM OUR LIST**

## ORANGE EMPIRE CHAPTER

### WINTER/SPRING 2018/19 SCHEDULE

#### MEETING LOCATIONS:

##### THE PHOENIX CLUB

1340 S. Sanderson Avenue  
Anaheim, CA 92806

##### HONDA CENTER

2695 East Katella Avenue  
Anaheim, CA 92806

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#### SEPTEMBER 25, 2018

*Tech: (Condensed) Centrifugal Pump Series*

*Dinner: U.S. Department of Energy Pump Conservation Standards*

*Theme: Energy Night*

*Place: Phoenix Club, Anaheim*

#### OCTOBER 23, 2018

*Dinner: Seismic Code Updates for Bracing of Distribution Systems (Duct, Mech Pipe, and Plumbing Pipe)*

*Theme: Joint Meeting with ASPE*

*Place: Phoenix Club, Anaheim*

#### NOVEMBER 13, 2018

*Tech: Measurements and Verification, Part II: The Variable Air Volume Box!*

*Dinner: Future Thinking about the Net Zero Hospital*

*Theme: Research Night*

*Place: Phoenix Club, Anaheim*

#### DECEMBER 12, 2018

*Dinner: Building Our New Energy Future*

*Theme: Joint Meeting with So. California Chapter – YEA Night*

*Place: So Cal Gas Energy Resource Center*

#### JANUARY 15, 2019

*Dinner: Current and Future Chiller Refrigerants*

*Theme: Joint Meeting with ASHRAE Tri-County Chapter – Refrigeration Night*

*Place: Phoenix Club, Anaheim*

#### FEBRUARY 26, 2019

*Tech: Expansion Tank Sizing*

*Dinner: Hydronic Piping with PEX*

*Theme: Membership Promotion Night*

*Place: Phoenix Club, Anaheim*

#### MARCH 19, 2019

*Dinner: Designing Buildings and Systems for Occupant Comfort*

*Theme: Joint Meeting with San Diego Chapter*

*Place: El Adobe, San Juan Capistrano*

#### APRIL 23, 2019

*Tech: Designing for Design Build, Reducing Design Time and Contractor Costs*

*Dinner: Soft Skills and Keys to Success...from One Person's Perspective to Another*

*Theme: Student Night*

*Place: Phoenix Club, Anaheim*

#### MAY 21, 2019

*Dinner: 2019-2020 Installation Night Dinner*

*Theme: Officer and Board Installation*

*Place: TBD*



# Orange Spiel



[www.orangeempirearise.weebly.com](http://www.orangeempirearise.weebly.com)

#### MEETING SUMMARY

**TUESDAY,  
JANUARY 15, 2019**

**HONDA CENTER TOUR  
DINNER PROGRAM**

*"Future Chiller  
Refrigerants"* by Gus Rolotti

**Orange Empire ASHRAE**  
2312 Park Avenue, #407  
Tustin, CA 92782