

Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter



MEETING INFORMATION

TUESDAY, FEBRUARY 26, 2019

THE PHOENIX CLUB

1340 S. Sanderson Avenue
Anaheim, CA 92806

[CLICK HERE FOR DIRECTIONS](#)

Event Time 5:30 – 9:00 p.m.

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

Ryan Sibley c/o TK1SC
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](#)

TECHNICAL SESSION

*"Expansion Tank Sizing and Air
Elimination/Containment"*

by Eric Decker

DINNER PROGRAM

*"Hydronic Piping with PEX: Pros and
Pitfalls"* by Devin Abellon

Orange Spiel Editor

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FEBRUARY MEETING NOTICE

TUESDAY, FEBRUARY 26, 2019

MEMBERSHIP PROMOTION NIGHT

Please come join us for another great ASHRAE Orange Empire meeting this February 26th! It's later in the month, so procrastinators are going to be pleased.

TECHNICAL SESSION EXPANSION TANK SIZING AND AIR ELIMINATION/CONTAINMENT

Our speaker, Eric Decker, P.E, CPD, will discuss hydronic expansion in closed-loop systems and how to accommodate it with expansion tanks. Various types of expansion tanks will be reviewed as well as how to properly size them. Air Elimination and Air Containment methods will also be discussed and how the type of expansion tank affects this choice.)

Eric Decker graduated from the University of Illinois at Chicago with a B.S. in Mechanical Engineering. After graduating, he worked for Bell & Gossett in Morton Grove, IL in the Commercial Pumps Marketing Department. In Fall of 2011, Eric joined Dawson Company's Business Development Group calling on mechanical and plumbing consulting engineers. In Fall of 2017, Eric became manager of the department. Eric is a Registered Professional Mechanical Engineer (P.E.) in California as well as Certified in Plumbing Design (CPD). He is also past President of the ASHRAE Orange Empire Chapter. 

DINNER PROGRAM HYDRONIC PIPING WITH PEX: PROS AND PITFALLS

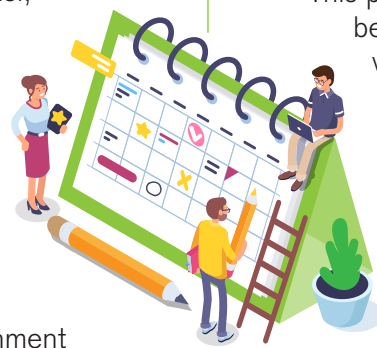
This presentation explores the benefits and pitfalls associated with using PEX for hydronic piping systems. The evolution of piping materials is not much different from that of many other industrial technology trajectories such as music media. The industry adoption of new materials is always challenged by a series of criteria such as reliability, performance, cost, and scheduling.

The expansion of PEX into the world of hydronic systems has numerous benefits but isn't without its pitfalls that await the under informed.

What specification language should be used? How should engineers deal with hydronic piping risers, design proper supports, and control expansion? Explore these topics as well as dive into some case studies.

Devin Abellon, business development manager for Uponor Engineering Services who is a Distinguished Lecturer for ASHRAE.

Mr. Abellon holds a Bachelor of Science degree in Mechanical (See **DINNER PROGRAM** page 3)



**BE SURE THIS
MONTH'S MEETING IS
ON YOUR CALENDAR!**

GREG'S BLOG

Hello Orange Empire! I hope everyone has stayed safe in all this rain we've been getting the last few weeks. Winter is upon us and the local mountains and Sierras are full of snow with Mammoth having the most in the country! The rain is much needed and has definitely made the drive in to the office and from project to project more scenic.

My apologies for last month's technical tour cancellation at the Honda Center. Apparently some performer came in and booked the facility last minute for practice for an upcoming show, artist still TBD. I know I was pretty bummed so hopefully they got all the practice they needed.



We're considering possibly setting up again towards the end of this season in April. Thank you to all who made the trek out in the pouring rain. We had a really good turnout even though the weather didn't cooperate.

We're hoping to continue our success at the Phoenix Club this month by offering

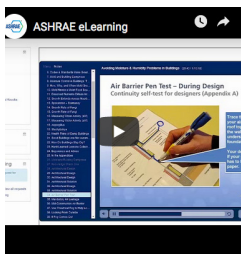
a tech session on Expansion Tank Sizing and hosting a DL (Distinguished Lecturer). We will have one of our own, Eric Decker, P.E, C.P.D with Dawson Company, hosting the tech session. Eric is one of our Past Presidents and current Orange Empire Board of Governors member.

For the dinner presentation we will have Devon Abellon, P.E. with

Uponor present on crosslinked polyethylene (PEX) piping and how it can be a cost-effective and flexible alternative to conventional metallic piping systems on large-scale commercial projects. Devon is an active member of ASHRAE on the local chapter, regional, and Society level. He is also currently the Programs Subcommittee Chair for ASHRAE TC6.5 – Radiant and Convective Space Heating and Cooling, and is a Regional Vice Chair in Region X.

Lastly, next month's meeting will be a joint meeting with the San Diego Chapter on March 19th at El Adobe Restaurant in San Juan Capistrano. The dinner topic will be presented by a DL again, Peter Simmonds, PhD, ASHRAE Fellow and will focus on Designing Buildings and Systems for Occupant Comfort. Peter's presentation is GBCI Approved for 1 CE Hour & AIA Approved for 1 LU, so take advantage. Until next month, stay comfortable....

Greg Glover 🍊



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Corporate Programs

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 \(YOUTUBE\)](#)



JANUARY MEETING MINUTES

Date: 15 January 2018

Time: 5:00 - 6:00 PM

Place: The Phoenix Club
1340 S. Sanderson Ave.
Anaheim, CA 92806

MEETING ATTENDEES

Ben Chesser (BC)
Jeff Conrad (JC)
Eric Decker (ED)
Greg Glover (GG)
Craig Hofferber (CH)
Mary Johnson (MJ)
Steve Rawski (SR)
Kevin Smith (KS)
Brian Sybesma (BS)
Matt Waller (MW)
Jack Walsh (JW)

CALL TO ORDER

1. Meeting called to order at 5:30 PM
2. Quorum Determination (Minimum Six Voting Members)
3. Introductions
4. Announcements
 - Coyote Hills Golf Course locked in for 10/17/19 for Golf Tournament
 - GG passed out Chapter PAOE Points List to remind Chairs to stay on top of points throughout the year
 - Honda Center Tour Cancelled this evening.

DINNER PROGRAM

(continued from page 1)

Engineering from the University of California at Santa Barbara and is a registered professional engineer in California and Arizona with over 17 years of experience in the HVAC field,

Last minute change at the Center would not permit public to enter the center.

DISCUSSION ITEMS


1. Refer to Appended Chapter Meeting Agenda
2. Officer Reports
 - i. General –
 - YEA will have panel discussion event on March 7th hosted at Limbach's office. Confirm availability for Travis English, Roger Carter and George Scholten.
 - No answer for Chapter Opportunity Fund for YEA Event from Region yet
 - ii. Treasurer
 - IRS Status – Need past 990 and RRF-1 Forms to submit to IRS Years ending 2013 and 2014
 - Discussion regarding getting a tax accountant to do Chapter books
 - iii. VP & CTTC
 - Peter Simmons, speaker for February Meeting requested funds for expenses.
 - (1) MJ made a motion to fund \$400.00 to Peter Simmons for lodging and travel expenses
 - (2) SR 2nd
 - (3) Motion Passed
 - iv. Golf Chair
 - Deposit Made for Golf

designing systems for commercial, institutional, industrial, health care, and municipal projects.

Mr. Abellon was Vice President and managing principal of LSW Engineers California, Incorporated in San Diego until 2009, when he accepted a position as

- Tournament to hold 10/17/19 at Coyote Hills
 - Need to get a subcommittee formed to help Jeff Hanzel with tournament
- v. YEA Chair
 - Kevin Smith will see if Limbach and Sigler can fund the March 7th event.
 - Event will be an interactive panel discussion with leaders in the industry (see Announcements above)
- vi. Historian
 - Several years of PAOE patches missing. MJ to get years to GG to see if we can find or duplicate.
 - Need a way to display the new Banners
- vii. Student Activities
 - Cal State Long Beach had 3 student chapter meetings in 2018
 - CSULB student chapter President will be in attendance at meeting this evening.
- viii. Women in ASHRAE
 - Laura Jelin interested in helping with WIA Spring Event
 - Spring Event will be joint between at So. Cal and Orange Empire
- 3. New Business - None
 - End of Minutes –
 - End of Minutes –

Mary Johnson 

Business Development Manager for Uponor North America. He now works closely with engineers throughout the country, supporting projects that integrate radiant heating and cooling strategies to maximize energy efficiency. 

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 March deadline
 for articles or ads is
FRIDAY,
MARCH 8, 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

ADVERTISE WITH US!
 Email your editor today!

1/4 Page	25
1/3 Page	35
1/2 Page	50
Full Page	100
Business Card	25
Website Ad	100
Table Tops	150

Robert.Hagstrom@sce.com

SHARE YOUR EXPERTISE!

Submit an article for publication in next month's Orange Spiel. Contact your editor today!

PLEASE RSVP FOR THE FEBRUARY 26 MEETING

by Thursday, February 21, 2019 at noon, Cancellations by Monday, February 25, 2019 at noon
(non-cancellations will be billed)

Ryan Sibley c/o TK1SC Direct: 949.751.5923 • Office: 949.751.5800 • E-mail: 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 or Steve Rawski at e-mail 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

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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

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by Eric Decker

DINNER PROGRAM

"Hydronic Piping with PEX: Pros and Pitfalls" by Devin Abellon

Orange Empire ASHRAE

2312 Park Avenue, #407
Tustin, CA 92782