



Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter

MEETING INFORMATION

TUESDAY, FEBRUARY 25, 2020

THE PHOENIX CLUB

1340 S. Sanderson Avenue
Anaheim, CA 92806

[CLICK HERE FOR DIRECTIONS](#)

Technical Presentation 5:30 – 6:30 p.m.
Social/Registration/Meeting . 6:30 – 7:30 p.m.
Dinner Presentation 7:30 – 8:30 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
Vendor Table Tops \$150

[CLICK HERE TO REGISTER ONLINE](#)

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

DINNER PROGRAM

"A Picture Stroll Through HVAC; the Good, the Bad and the Ugly from a Maintenance Perspective" by Mike Gallagher, P.E.

TECHNICAL SESSION

"Fault Detection and Diagnostics"
by Dave Adams, Climatec

Orange Spiel Editor

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FEBRUARY MEETING NOTICE

TUESDAY, FEBRUARY 25, 2020

The ASHRAE Orange Empire would like to welcome you to join us for the February 2020 Chapter meeting this February 25th. This month's meeting will be at The Phoenix Club. See below for details on the schedule and the presentation that you won't want to miss!

DINNER PROGRAM

A PICTURE STROLL THROUGH HVAC; THE GOOD, THE BAD AND THE UGLY FROM A MAINTENANCE PERSPECTIVE

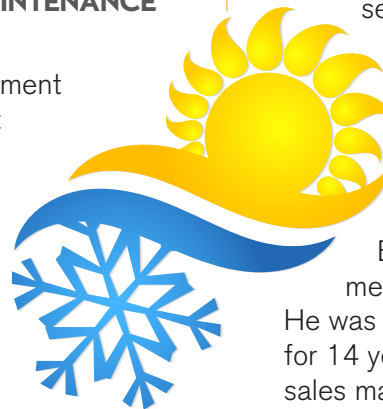
This picture and comment presentation is not about maintenance per se, but more about what the results of obtuse and oblivious design decisions will look like to the maintenance and service staff in a few years. Examples range from funny to sad to examples of how it should be done. Be prepared to laugh at some absurd things found after the fact in real HVAC systems, while hopefully learning something from the mistakes of others (who shall remain unnamed).

Mike has a 40 year connection with ASHRAE and was recently honored by being made a Fellow. He is a past president of the NE Oklahoma chapter

and has served the South Texas and Southern California chapters. He twice taught day-long psychrometrics seminars at the SoCal Chapter's spring seminar.

Mike is currently on ASHRAE's Standards Committee and is a past member of the Research & Technology committee, chaired TC 9.12 (Tall Buildings) and has been member of TC's 9.1, 1.6 and 7.3. He was with the Carrier organization for 14 years, the last 4 as commercial sales manager for Southern California.

For the last 26 years he has been at Western Allied Corporation, working mostly in service and retrofit. 🍊



**BE SURE TO JOIN US FOR
THIS MONTH'S MEETING!**

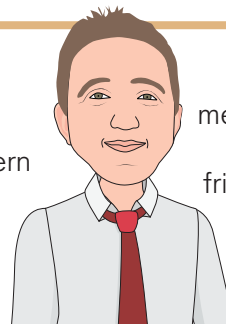
TECHNICAL SESSION

FAULT DETECTION AND DIAGNOSTICS

Presented by Dave Adams of Climatec. 🍊

DAVID'S BLOG

Hello Orange Empire! I hope everyone is enjoying this Southern CA weather...80s in the middle of winter.



I will make this President's message short and sweet. Stay safe, enjoy your family/friends and see you at the next meeting on Feb. 25th at the Phoenix Club. **David Lawson** 🍊

CHAPTER OFFICERS

PresidentDavid M. Lawson
 President-Elect..... Benjamin L. Chesser
 Vice President..... Brian Sybesma
 Treasurer..... Mary Johnson
 Secretary Chris Farrington

BOARD OF GOVERNORS

Jeff Conrad Greg Glover
 Eric Decker, PE. Stephen J. Rawski, PE.
 Kenneth E. Golovko, PE. Matthew Waller, PE.

CRC DELEGATE

David M. Lawson

CRC ALTERNATE

Benjamin L. Chesser

ASHRAE ORANGE EMPIRE CHAPTER

2019-2020 PARTIAL ROSTER

SPIEL DEADLINE
The March deadline
for articles or ads is
FRIDAY,
MARCH 13, 2020

COMMITTEES AND CHAIRPERSONS

Administrator..... Jeffrey D. Hanzel
 Administrator..... John Sawyer
 Communications..... Ryan Sibley
 Diversity in ASHRAE..... Mary Johnson
 Government Affairs..... Chris Farrington
 Historian..... Christopher L. Mellen
 Membership Promotion..... Jeffrey D. Hanzel
 Newsletter Editor..... Robert G Hagstrom, PE
 Refrigeration..... Chris Farrington
 Research Promotion..... John Sawyer
 Student Activities..... Matthew Dale Donoghue
 Student Activities Co-Chair..... Nicholas J. Hardy
 Technology Transfer..... Brian Sybesma
 YEA..... Nicholas J. Hardy
 YEA Co-Chair..... Matthew Dale Donoghue
 YEA Co-Chair..... Kevin M. Smith, PE
 Webmaster..... Ryan Sibley



WESTERN ALLIED

C O R P O R A T I O N

MECHANICAL CONTRACTORS | OVER 55 YEARS OF EXCELLENCE
 12046 FLORENCE AVE, SANTA FE SPRINGS, CA 90670 | 562-944-6341

HVAC Design Engineer

Job Description:

We are seeking a motivated individual to join our Western Allied Corporation Engineering Team in Santa Fe Springs, CA. In this position, you will be responsible for creating design-build drawings that are complete, clear, constructible and cost conscious. We follow our projects from conception to completion and for the life of the building. As an HVAC Design Engineer, you will have the unique opportunity to be a part of the construction and service team working with field staff to deliver quality HVAC systems to our customers.

Job Responsibilities:

- Perform and assist with engineering design
- Assist with construction coordination of design drawings with field and other trade partners
- Assist with project close out documents at completion of construction
- Complete code-required energy compliance documentation
- Conduct engineering calculations, selection and layout of equipment, duct and piping system design

Job Requirements:

- Proficiency in Revit, AutoCAD and Navisworks
- 2+ years of mechanical engineering experience at a consultant or contractor
- Fluent in engineering problem solving and communication
- Understanding of psychrometrics, refrigeration, acoustics, and controls systems
- BS in Engineering desirable
- EIT Certificate or PE desirable

Please contact Brian Sybesma (bsybesma@wasocal.com) to apply

**SHARE YOUR
EXPERTISE!**

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



ORANGE EMPIRE CHAPTER

WINTER/SPRING 2019/20 SCHEDULE

MEETING LOCATION:

THE PHOENIX CLUB

1340 S. Sanderson Avenue
Anaheim, CA 92806

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TUESDAY, SEPTEMBER 24, 2019

*Dinner: VRF and Hydronics Systems:
A Strategic Comparison*

Theme: Energy Night

Place: Phoenix Club, Anaheim

TUESDAY, OCTOBER 22, 2019

*Tech: The Devil's in the Details - a CEU
Presentation on what to Look out for
when Installing Boiler and Water Heater*

Dinner: Balanced Energy

Place: The Phoenix Club, Anaheim

TUESDAY, NOVEMBER 19, 2019

*Tech: Driving to Net Zero: What Does it take
for a Student Housing Project?*

*Dinner: 2019 California Code Updates from a
Mechanical Perspective*

Theme: Research Night

Place: Phoenix Club, Anaheim

TUESDAY, DECEMBER 10, 2019

*Dinner: Holistic Thinking for Multidisciplinary
Design Solutions*

Theme: Joint Meeting with Tri-County Chapter

*Place: So Cal Gas Energy Resource Center,
Downy*

TUESDAY, JANUARY 28, 2020

*Dinner: Sustainable Refrigeration Systems:
Trends and Practices*

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

Place: Phoenix Club, Anaheim

TUESDAY, FEBRUARY 25, 2020

*Tech: Fault Detection and Diagnostics
Dinner: A Picture Stroll Through HVAC; the
Good, the Bad and the Ugly from a
Maintenance Perspective*

Theme: Membership Promotion Night

Place: Phoenix Club, Anaheim

TUESDAY, MARCH 24, 2020

Dinner: TBD

Theme: Joint Meeting with San Diego Chapter

Place: TBD

TUESDAY, APRIL 28, 2020

Tech: TBD

Dinner: HVAC System Design

Theme: Student Night

Place: The Phoenix Club, Anaheim

MAY DATE TBD

Dinner: 2019-2020 Installation Night Dinner

Theme: Officer and Board Installation

Place: TBD



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www.orangeempirearise.weebly.com

MEETING SUMMARY

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Maintenance Perspective”*

by Mike Gallagher, P.E.

TECHNICAL SESSION

*“Fault Detection and
Diagnostics”* by Dave

Adams, Climatec

Orange Empire ASHRAE

2312 Park Avenue, #407
Tustin, CA 92782