

Orange Spiel

Juicy News from ASHRAE's Orange Empire Chapter



MEETING INFORMATION

TUESDAY, SEPTEMBER 25, 2018

THE PHOENIX CLUB

1340 S. Sanderson Avenue Anaheim, CA 92806

CLICK HERE FOR DIRECTIONS

Tech Session	5:30 – 6:30	p.m.
Social	6:30 – 7:00	p.m.
Dinner	7:00 – 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

ASHRAE OE Member	\$45.00
Non-Member	\$50.00
Student	\$10.00
Member Day of Event\$50.00	
Non-Member Day of Event \$55.00	

CLICK HERE TO REGISTER ONLINE

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

SEE PAGE 6 FOR FAX ORDER FORM

TECHNICAL SESSION

"(Condensed) Centrifugal Pump Series" by Eric Decker

DINNER PROGRAM

"U.S. Department of Energy Pump Conservation Standards" by Mark Handzel

Orange Spiel Editor

Robert Hagstrom, P.E., LEED AP c/o Southern California Edison 6090-B N. Irwindale Avenue Irwindale, CA 91702
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SEPTEMBER MEETING NOTICE NEW MONTHLY MEETING LOCATION! THE PHOENIX CLUB IN ANAHEIM

TUESDAY, SEPTEMBER 25, 2018

IT'S TIME FOR A CHANGE!

WE HAVE A NEW MEETING

TECHNICAL SESSION

(CONDENSED) CENTRIFUGAL PUMP SERIES

Our speaker, Eric Decker, P.E, CPD, will present a brief overview from basic to advanced topics on centrifugal pumps in HVAC applications, including:

- · Types of Pumps,
- · What a Pump Does
- · Pump Curve Characteristics
- System Curve Introduction (including affinity laws)

 WE HAVE A NEW MEETING
 LOCATION THIS SEASON!
- Parallel Pumping (when to ensure system curve crosses single pump curve; effect of control head and reducing speed)

Eric, Manager – Business
Development Group of Dawson
Company, graduated from the
University of Illinois at Chicago with a
B.S. in Mechanical Engineering.

After graduating, he worked for Bell & Gossett in Commercial Pumps Application Engineering/Marketing Department. In Fall of 2011, he joined Dawson Company's Business Development Group calling on mechanical and plumbing consultant engineers.

Eric is a Register Professional Engineer (P.E.) and Certified in Plumbing Design (CPD).

DINNER PROGRAM

U.S. DEPARTMENT OF ENERGY PUMP CONSERVATION STANDARDS

The U.S. Department of Energy Pump Energy Conservation

Standards go into effect in January 2020 and will have a broad impact on the pumps sold in the HVAC market.

This presentation will explain what these new standards are? What impact

do they have on HVAC systems? And discuss how manufacturers are changing their pump

product to get in compliance.

Our speaker is Mark Handzel, Vice President, Product Regulatory Affairs & Compliance, Xylem, Inc.

Mark leads Xylem's global effort to influence and ensure compliance with regulatory requirements for pump products. He works closely with government agencies, trade associations and other organizations to fulfill this role. He has been with the company since 1983 and previously held positions in Sales Management and Product Marketing for Bell & Gossett products.

Mark has represented Xylem on the Hydraulic Institute Pump Efficiency Expert Team which negotiated Clean Water Pump efficiency regulations with the U.S. Department of Energy (DOE). (See **DINNER PROGRAM** page 2)

GREG'S BLOG

With Fall right around the corner, it can only mean one

thing. Football?
Close. ASHRAE?
That's right, kick off
for the new season
for your Orange
Empire chapter is
here.

Welcome back! I'm pretty excited about what's brewing this season. First and foremost, thank you for the opportunity to serve you as President of our Chapter this year. None of this could

be done without everyone's volunteer efforts. With that said, I'd like to introduce you to your new chapter officers: Secretary – Mary Johnson, Treasurer – Brian Sybesma, Vice-President – Ben Chesser, President-Elect – David Lawson, President – Greg Glover.

Your board of governors this year are Steve Rawski, Matt Waller, Craig Hofferber, Jeff Conrad, Eric Decker, and Ken Golovko. For the past 3 months, the team has been working diligently to ensure our Chapter will deliver another quality year. Our CTTC, Ben Chesser, along with input from the rest of the team has done a great job of lining up dinner speakers and technical sessions.

We're going to have some programs that offer CEU's.
We've got a distinguished lecturer (DL) lined up and multiple joint meetings. Also, Society President Sheila Hayter, will be speaking in December for our annual joint meeting with our friends at So. Cal and Tri County. Friendly reminder that our annual golf tournament fundraiser is quickly approaching. The tournament will be at Coyote Hills again this year on October 18th. Jeff Hanzel did a great job this year in selling out the tournament a month in

be at Coyote Hills again this year on October 18th. Jeff Hanzel did a great job this year in selling out the tournament a month in advance. Hopefully you were able to register, and if not, try to get in early next year. Every year the tournament seems to outperform the previous year and this year is shaping up to do the same. See you on the links.

As I stated at the Installation
Dinner in May, ASHRAE is a
volunteer organization and is
always looking for help. If any
of you can spare a few hours
a month to help volunteer, your
efforts will be greatly appreciated.
It can be a good career move, but
more importantly it's a chance to
give back to the industry that has
gotten us all to where we are today.

Also, I'm looking forward to focusing this year on Young Engineers in ASHRAE (YEA), STEM activities, and Women in ASHRAE (WIA). YEA has some fun and exciting events planned for the year that should be a blast. Also, for the first time, our Chapter has a Women in ASHRAE Chair, chaired by Mary Johnson. It is our intentions to have a WIA event at some point during the year, stay tuned.

Lastly, it is with great pleasure to announce that we will be switching venues for the monthly meetings. Continuing where we left off back in May, our first meeting will be at the Phoenix Club in Anaheim on September 25th. Hope to see everyone out there. Until next month, stay comfortable... *Greg Glover*

DINNER PROGRAM

(continued from page 1)

He was recognized for his leadership by the Hydraulic Institute on this team. He has also served on the DOE Working Group on Circulator Pump Efficiency Standards.

Mark graduated from the University of Illinois with a B.S. in General Engineering and later obtained an MBA with concentrations in Finance and Industrial Marketing.

BE A GOLF SPONSOR OR RAFFLE PRIZE DONOR

While we are sold out for golfers, we are still looking for sponsorships and /or donations related to the "Drink Cart" & "Bloody Mary Bar".

We also welcome any form of donation for raffle prizes; whether sporting equipment (golf clubs, golf bags, etc.) sporting tickets (UCLA, USC, Angels, Dodgers, Rams, Ducks, Kings, etc.), gift certificates (restaurants, breweries, comedy clubs, etc.), memberships (ASHRAE, Costco, Amazon Prime, Apple Music, etc.).

Contact Jeff Hanzel at jhanzel@esubk-svca.com



Date: 28 August 2018
Time: 5:30 - 7:30 PM
Place: ACCO CostOffice
265 McCormick Ave.
Costa Mesa, CA 92626

MEETING ATTENDEES

Ben Chesser (BC)

Kevin Conway (KC) Eric Decker (ED) Chris Farrington (CF) Greg Glover (GG) Ken Golovko (KG) Robert Hagstrom (RH) Jeffrey Hanzel (JH) Craig Hofferber (CH) Mary Johnson (MJ) David Lawson (DL) Chris Mellen (CM) Steve Rawski (SR) John Sawyer (JS) Ryan Sibley (RS) Kevin Smith (KS) Brian Sybesma (BS)

1. CALL TO ORDER

Matt Waller (MW)

- a. Meeting called to order at 5:30 PM
- b. Quorum Determination (Minimum 5 Voting Members)
- c. Introduction of Officers and Committee Chairs
- d. Announcements

2. AGENDA REVIEW

- a Officer Updates
- b. Final PAOE points
- c. Chapter Regional Council (CRC)
- d. Budget
- e. Programs
- f. Golf Tourney

3. OFFICER UPDATES

- a. Secretary
- b. Treasurer Tasks
 - i. Financial audit -

- completed 6/29/18
- ii. Signature Enrollment (BofA) – completed 8/24/18
- iii. IRS/State Charity Tax issues
- iv. Chapter Budget
- c. Vice President/CTTC Chair
 - & Committee
 - v. Speakers/DL's to be discussed after PAOE and Budget

4. CHAPTER REGIONAL COUNCIL (CRC)

- a. August 16-18; Fresno
 - vi. Review and comments from attendees:
 - Delegate (President) GG
 - Alternate (President Elect) - DL
 - Treasurer BS
 - MP BS as proxy
 - RP GG as proxy
 - SA ED and GG Important to follow up with CSU Long Beach as top priority, then OCC and UCI
 - CTTC BS
 - YEA DL Regional YEA chair wants to help plan an event
 - GAC BS as proxy

 - ECC none

5. BUDGET

- a. Review 2018-2019 Budget
- b. DL motions to add 500 to history budget and add 500 to golf tournament income, GG seconds, Motion passes
- c. Motion to approve 2018-

2019 Budget. Motion passes

6. PROGRAMS

- a. Review submitted topic ideas
- b. Discussed table tops at \$150 cost. Need to be added to constant contact as an option to pay for. Put an ad in the orange spiel with the opportunity to do table tops
- c. Pricing for meetings as follows:
 - \$45/\$50 member/ nonmember prepay
 - \$50/\$55 member/ nonmember pay at the door
 - \$360 for season pass
- d. Extra PAOE Points for the following topics:
 - vii. Indoor Air Quality
 - viii. bEQ
 - ix. Refrigerants
 - x. Tour
 - xi. Technical Committee (TC) Members
 - xii. PDH/CEU's available
- e. Confirm speakers
 CM to look into recording
 speakers at the ASHRAE
 meeting
 Need to send out email

Need to send out email communication advertising:

New Venue

Season Pass

Table tops

Constant contact option for raffle prizes – BC to help organize

 9/25/18 - Energy Night Tech Session - Title 24 for Residential and Non-Residential presented by Bruce Cheney Dinner Session - US Dept of Energy Pump Energy

(See **MEETING MINUTES** page 4)

MEETING MINUTES

(continued from page 3)

Conservation Standards presented by Mark Handzel

- 10/23/18 Joint meeting with ASPE Dinner Session - Seismic Code Updates for Bracing of Distribution Systems (Duct, Mech Pipe, and Plumbing Pipe) presented by Brent Mullen
- 11/13/18 Research Night Tech Session -Commissioning using Acceptance Criteria (Part 2: Follow-up from Last Year) Dinner Session -Ventilation Reform: Healthcare Ventilation Rates both Presented by Travis English
- 12/12/18 YEA Night, Joint Meeting w/ SoCal Dinner Session Speech by ASHRAE Society President
- 1/15/19 Refrigeration Night - Joint Refrigeration meeting with Tri-County Tour of Honda Center Dinner Session - Current and Future Chiller Refrigerants presented by Gus Rolotti SR to follow up wiith the Honda Center contact Reach out to refrigeration industry RICS
- 2/26/19 Membership Promotion Night Tech Session - Expansion Tank Sizing presented by Eric Decker Dinner Session - Hydronic Piping with PEX presented by ASHRAE

- DL Devin Abellon
- 3/19/19 March Joint Meeting w/SD -hosted by OE at El Adobe Dinner Topic - Designing Buildings and Systems for Occupant Comfort
- 4/23/19 Student Night Tech Session - Designing for Design Build, Reducing Design Time, and Contractor Costs presented by Darren Smith Dinner Session - Soft Skills and Keys to Success...from one person's perspective to another presented by Larry Sun
- 5/21/18 Installation Dinner

7. GOLF TOURNEY

- a. JH update
- b. Need to have a golf tourney luncheon to go over more items in details - when/ where? DL, BS,CF, KC, BC -Working Registration Tables - Setup at 8-8:30 JS to run putting contest SR motions \$1500 check be sent to el Adobe for deposit BS Seconds Motion passes.

8. ADJOURN

GG motions to adjourn. Motion passes. Meeting Adjourned.

- End of Minutes -

Mary Johnson (**)





2019 ASHRAE Winter **Conference & AHR Expo** Atlanta, GA January 12-16, 2019



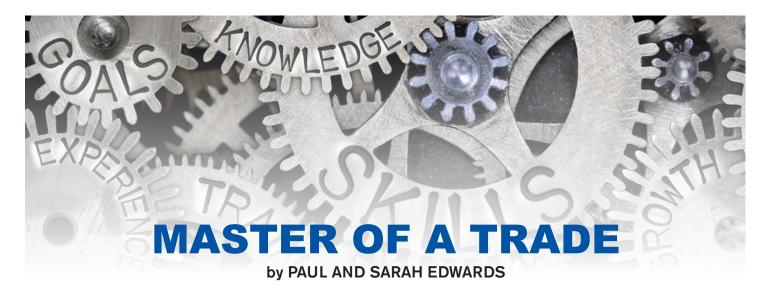
The 2019 ASHRAE Winter Conference will be held in Atlanta, GA! The Technical Program along with Committee meetings, Registration, the Bookstore and Speakers Lounge will be at the Omni CNN Center and the Georgia World Congress Center.

The AHR Expo will take place at the Georgia World Congress Center, Monday, January 14 – Wednesday, January 16.

Your ASHRAE Conference badge provides free entry to the AHR Expo show floor, or you can register for free until January 9, 2019. After January 9, 2019 the fee will be \$30 to attend the AHR Expo only.

CLICK HERE FOR MORE INFORMATION

CLICK HERE TO REGISTER



Establishing yourself as an expert in your field requires an honest assessment of your skills.

Whatever your trade, become recognized as an expert in your field. It helps you get and keep a steady supply of business. You may be a master at your line of work already but not know how to articulate what makes your work outstanding. You may be at a loss when it comes to conveying this to others, yet that is precisely what you need to do to build the reputation you deserve.

With today's technologies, a wealth of traditional ways to gain recognition is at your disposal-such as exhibiting at trade shows, offering free workshops and conferences, or networking in targeted venues, and producing and promoting YouTube videos, podcasts and blogs.

Of course, you may need to acquire additional expertise before you can lay claim to being a true expert. Places you can learn, get a certificate of accomplishment and better prepare yourself to be a master of your trade or business include universities that offer certificate programs, MIT Open Course

Ware, TED Talks, University of the

(edited and condensed by CFH)

People, PBS Video and more.

Hone your expertise by giving free consultations or workshops or by volunteering for nonprofit or community groups. This can help smooth out holes in your experience and presentation, so you can claim and demonstrate your expertise with confidence.

Becoming an expert

To develop your expertise, you need to know the questions and needs of your prospective audience. Identify five to ten issues you want to track so you can answer questions like these:

- What are common problems in my field?
- What do people usually do to resolve them?
- What are common mistakes people repeatedly made?
- What do people perceive themselves as needing most? Do I concur?
- Is there something important that they are overlooking?
- What is growing? What is fading away? What works? What does not work?

Follow these steps to establish yourself as an expert in your market.

- Assess and outline your current expertise. Pick a niche. If you can, be early in that niche.
- Get the lay of the land. The web is the place to begin researching.
- Make contacts on social media with others in your field.
- Join one or more relevant professional and trade associations and social networking groups.
- Get access to gatekeepers; those individuals who can help you join the party.
- Build on your strengths and fill in the gaps (weaknesses).
- Articulate a point of view for how you do your work. What is important to you?
- Collect evidence to support the "why" of your point of view.
- Review and begin documenting your experiences.
- Identify the patterns suggested by your experiences.
- Explain and articulate what you have discovered.

Paul and Sarah Edwards are the authors of seventeen business related books on the subject.



ASHR

THURSDAY, OCTOBER 18TH, 2018





Coyote Hills Golf Course 1440 E. Bastanchury Rd. Fullerton, CA 92835

2017 Sponsors

Gold Sponsors – Air Treatment Corp., DMG, Dawson Co., JCI, RF MacDonald, Victaulic, Critchfield

Check In at 10:00am // Shotgun Tee-Off at 12:00pm // Scramble Format Lunch and BBQ Chicken/Tri-tip Dinner Will Be Provided

SPONSORSHIP OPPORTUNITIES

Platinum Sponsor - \$5,000

oursomes* Te Plaques

of Tee Markers

Recognition and Dinner Banquet

Gold Sponsor \$2,750

Two Foursomes' Two Tee Plaques

Recognition at Dimer B nauet

Silver Sponsor - \$1,500

One Foursome* Tee Plaque

Recognition at Dinner Banquet

Foursome* - \$1,200

Individual Golfer - \$400

Tee Sign Sponsor - \$250

Drink Cart Sponsor - \$500

Drinks provided on the course by Coyote Hills Cart Girls, courtesy of your company! Your company's sign displayed on drink cart!

Helicopter Ball Drop Sponsor - \$600

Hole-In-One Sponsor - \$500

Pre-Registration Bloody Mary Bar Sponsor - \$600

Long Drive Sponsor - \$400

Putting Contest Sponsor - \$300

Par 3 Sponsor - \$400

Closest to the pin

*Foursome includes green fees, cart, unlimited range balls, valet bag service, and dinner. AS THIS IS A CHARITY EVENT THERE WILL BE NO REFUNDS INSIDE OF 1 MONTH TO TEE OFF

Please Contact Jeff Hanzel (jhanzel@esubk-svca.com) for Sponsorship Opportunities



Who isn't trying to save a buck these days? But, act quickly to reap the full benefits!

Are you always forgetting to make your meeting reservation? Do you hate standing in long check-in lines? Are you planning to attend at least 7 meetings this coming year?

Make this year THE YEAR that you finally make your life simpler with an Orange Empire Season Pass!

Your Board of Governors have once again authorized the offering of a Season Pass for the 2018-2019 Season! There is only one catch. To Maximize the Savings, the Season Pass must be purchased before the 31st of October, 2018 (no credit for September meeting cost if purchased in October). You can even do it online!

The price is only **\$360.00**, which includes all of our regular meetings at the Phoenix Club (\$45-\$50 each) as well as all of our special meetings throughout the year. This includes the December Holiday Meeting, our joint meetings with ASPE, San Diego Chapter and Los Angeles Chapter, as well as the Installation Dinner in May!

The cost of the latter four events is always higher than our regular meetings. That's all nine meetings included with one season pass!

To get a Season Pass, simply indicate your intentions with your advanced reservations online or at check-in for the September 25th meeting. We accept PayPal or credit card...done... paid up for the ENTIRE YEAR!

Assuming you plan to attend all nine meetings, the Season Pass cost averages to less than \$40 per meeting!

Thereafter, just register in advance online stating your meal choice and that you will "pay at the door". Then, let Brian Sybesma know at the door that you've arrived the night of the meeting to receive your meal ticket.

But wait! There's more! If you have an aversion to long term commit-ments, your pass is *even transferable* to a friend or colleague for an evening that you miss!

Beyond supporting your Chapter, convenience alone should tempt you to consider a season pass. So, why not take the step now to eliminate one uncertainty from your life... Buying a Season Pass locks in a genuine bargain! *Steve Rawski*

TO ORDER A **SEASON PASS**, PLEASE CLICK HERE

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

CRC ALTERNATE

Greg Glover David Lawson

ASHRAE ORANGE EMPIRE CHAPTER

2018-2019 PARTIAL ROSTER

SPIEL DEADLINE

The October deadline for articles or ads is FRIDAY, OCTOBER 5, 2018

COMMITTEES AND CHAIRPERSONS

AttendanceTBD
Electronic CommunicationsRyan Sibley
Government Affairs
Golf TournamentJeff Hanzel
HistorianChris Mellen
K-12 STEM Greg Glover
Membership PromotionJeff Hanzel
Newsletter Editor Robert Hagstrom
ProgramsTBD
Refrigeration Jeff Conrad/ Ben Chesser
Research PromotionJohn Sawyer
Student ActivitiesEric Decker
Table Top DisplaysTBD
Technology Transfer Ben Chesser/David Lawson
WebmasterRyan Sibley
Women in ASHRAEMary Johnson
YEAJack Walsh/Kevin Smith

HAVE YOU PAID YOUR MEMBERSHIP DUES?

We appreciate members paying their chapter dues at the same time they renew their Society membership.

If you haven't paid your dues yet, please be sure to stop by the reception desk at the next Chapter meeting and we can accept your dues directly. Thank you!



SHARE YOUR EXPERTISE!

Submit an article for publication in next month's Orange Spiel. Email your editor today at Robert.Hagstrom@sce.com.

PLEASE RSVP FOR THE SEPTEMBER 25 MEETING

by Thursday, September 20, 2018 at noon, Cancellations by Monday, September 24, 2018 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

ASHRAE OE MEMBER: □ \$45.00 | NON-MEMBER: □ \$50.00

MEMBER Day of Event: ☐ \$50.00 | NON-MEMBER Day of Event: ☐ \$55.00 | STUDENT: ☐ \$10.00

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 LOCATION:

THE PHOENIX CLUB

1340 S. Sanderson Ave. 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: Commissioning using Acceptance

Criteria Part 2 (follow-up from last

vear)

Dinner: Ventilation Reform; Healthcare

Ventilation Rates Theme: Research Night

Place: Phoenix Club, Anaheim

DECEMBER 12, 2018

Dinner: TBD

Theme: Joint Meeting with So. California

Chapter - YEA Night

Place: TBD

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

MEETING SUMMARY

TUESDAY, SEPTEMBER 25, 2018

TECHNICAL SESSION

"(Condensed)
Centrifugal Pump Series"
by Eric Decker

DINNER PROGRAM

"U.S. Department of Energy Pump Conservation Standards" by Mark Handzel

Orange Spiel



www.orangeempirearise.weebly.com

Orange Empire ASHRAE

2312 Park Avenue, #407 Tustin, CA 92782