

Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter



MEETING INFORMATION

TUESDAY, FEBRUARY 27, 2018

HOLIDAY INN

2726 S. Grand Avenue
Santa Ana, CA 92705
(see map on page 4)

Social..... 5:30 –6:30 p.m.
Dinner is Served.....7:00 p.m.
Dinner Presentation.....7:30 – 8:30 p.m.
Adjourn.....8:30 p.m.

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

David Yancosky, CxA
c/o P2S Commissioning
david.yancosky@p2sinc.com
Direct: (562) 497-4567
Office: (562) 497-2999

PRICE SCHEDULE

Member Before 26 Feb..... \$45.00
Member After 26 Feb..... \$55.00
Non-Member Before 26 Feb... \$50.00
Non-Member After 26 Feb.... \$60.00
Student..... \$20.00
At the Door..... \$60.00

CLICK HERE TO REGISTER ONLINE

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

SEE PAGE 4 FOR FAX ORDER FORM

DINNER PROGRAM

*"Boiler System Controls and
Hybrid System Design"* by
Brian Huibregtse

NO TECHNICAL SESSION

Orange Spiel Editor

Robert Hagstrom, P.E., LEED AP
c/o Southern California Edison
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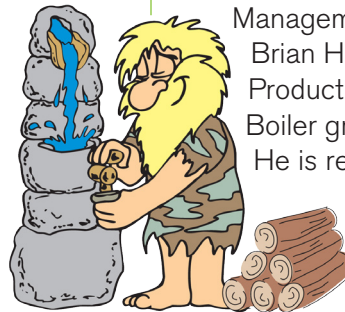
FEBRUARY MEETING NOTICE

TUESDAY, FEBRUARY 27, 2018

DINNER PROGRAM BOILER SYSTEM CONTROLS AND HYBRID SYSTEM DESIGN: Maximizing Efficiency in Hydronic Heating Systems

At this month's meeting our speaker, Brian Huibregtse, will discuss preferred strategies for the design and operation of hydronic heating systems to maximize operational efficiency and reliability. He will also cover effective control of primary pumping and primary-secondary pumping arrangements.

Brian will recommend control strategies to leverage the energy savings potential in condensing boiler systems. He will also show how to integrate boiler and pumping controls to get the most out of both.




**PUMPING AND BOILING
SYSTEMS USED TO BE
SIMPLER! DON'T MISS THIS
INFORMATIVE MEETING!**

Brian will answer the question, "What is a hybrid system," and will explain how to optimize design and control of hybrid boiler systems. He will also discuss integrating boiler and pump controls with building Energy Management Systems.

Brian Huibregtse is currently Product Engineer for Commercial Boiler group at Cleaver-Brooks.

He is responsible for product and application engineering for commercial boilers, related controls, and accessories. Brian has over 20 years' experience in the HVAC industry, and has held positions in product development, sales, and facilities engineering.

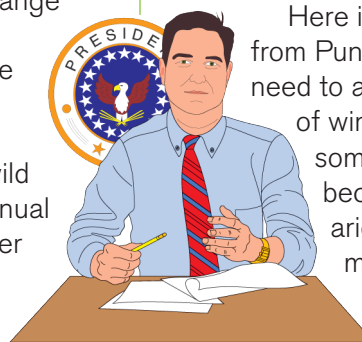
He also has a Bachelor of Science degree in Mechanical Engineering from Marquette University. 

KEN'S BLOG

Happy February ASHRAE Orange Empire!!

From all sources it sounds like the Winter ASHRAE Meeting in Chicago went well. There are rumors of Eagles fans running wild in the streets, demanding the annual dyeing green of the Chicago River to be advanced to January from March, but these are unverified.

More importantly we had a great local event at JT Schmid's in January, revisiting refrigeration working fluids and looking forward to



how our industry will change in the coming years.

Here in February we've learned from Punxsutawney Phil that we need to anticipate six more weeks of winter. I'm hoping we see some winter here in SoCal, because we're back into an arid mode. We need to see more rain down low, and snow in the mountains to fill our reservoirs...how else can we ensure our cooling towers are operational?

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

KEN'S BLOG

(continued from page 1)

Besides, the weather tapes for modeling will look very boring if we don't get some precipitation. But we can't talk cooling now... it's winter!!

With six more weeks of winter we'll be diving into a very appropriate presentation at our February meeting concerning the details of the integration of Boilers and Hybrid hydronic

systems. Come join us to rub elbows with your professional colleagues, and learn a bit more about boilers and the finer points of controlling them. We'll be gathering at the good old Holiday Inn...perhaps for the last time? A Past President has identified a potential new meeting location which we are investigating concurrently.

Looking forward, please don't forget that in March our

Chapter turns 50!! As we will be joining the San Diego chapter for our annual joint meeting, we are planning for our celebration to coincide with the Officer Installation in May. Watch for the March message for more updates!

Thanks to everyone for the great chapter support. We wouldn't have made it to 50 years without a strong membership base. 🍊

UPC/UMC CODE UPDATE PROPOSALS

This is an opportunity for ASHRAE's membership to influence improvement of future code language.

ACTION ITEM: Submit Proposals for IAPMO – March 16, 2018 Deadline Approaching FAST!



2021 UPC/UMC CODE DEVELOPMENT TIMELINE DEADLINE FOR SUBMISSION OF PROPOSALS MARCH 16, 2018.

The International Association of Plumbing and Mechanical Officials (IAPMO®) Board of Directors has announced a significantly earlier timeline for the development of the 2021 editions of the Uniform Plumbing Code (UPC®) and Uniform Mechanical Code (UMC®) than previously employed. Whereas past practice was for IAPMO to publish the codes early in the edition year, the 2021 UPC and 2021 UMC will be available in the first quarter of 2020.

The IAPMO consensus development process is accredited by the American

National Standards Institute (ANSI), gathering the largest assembly of plumbing and mechanical experts in the world at its annual education and business conference and technical committee meetings, and enabling anyone – members and non-members alike – to have a voice on new proposals to the code. The 2021 editions of the UPC and UMC will mark the seventh time these codes have been developed under this ANSI-accredited process.

Under the new timeline, the 2021 development process will begin with the Call for Proposals on Oct. 2, 2017, with a closing deadline of March 16, 2018. The entire 2021 code cycle timeline, as well as background on IAPMO's ANSI-accredited consensus development process, can be found at <http://codes.iapmo.org/>.

IAPMO was granted Audited Designator Status by ANSI in September 2011, enabling the 91-year-old code development body to self-designate the UPC and UMC as American National Standards (ANS) and forgo approval by the ANSI Board of Standards Review. The 2015 and

2018 editions of each code were designated by IAPMO as ANS in this manner.

ANSI accreditation signifies that the procedures used by standards setting organizations such as IAPMO meet the Institute's Essential Requirements for openness, balance, consensus, and due process. This process brings together volunteers representing a variety of viewpoints and interests to achieve consensus on plumbing and mechanical practices. The UPC and UMC are the only plumbing and mechanical codes of practice to hold the designation of American National Standards.

IAPMO urges its members and other interested parties to get involved in the code development process to ensure effectiveness in preserving the public health, safety, and welfare through strict governance of the Uniform Codes. Installers, plumbing and mechanical officials, the construction industry, engineers, and manufacturers all benefit from a cooperative effort in developing codes. For more information, direct your browser to IAPMO's website, www.iapmo.org. (See **UPC/UMC CODE** page 3)

UPC/UMC CODE
(continued from page 2)

And finally, thanks to Steve Taylor, Taylor Engineering, for his willingness to help members who need assistance in submitting formal proposals.

Steve was the F. Paul Anderson Award winner at this year's winter conference in Chicago which is "given in recognition of notable achievement, outstanding work, or service in any field of the Society."




Steve's willingness to

help sets a high ASHRAE awesomeness benchmark for all of us.

ADDITIONAL RESOURCES:

1. Codes & Standards Development Services: Hugo Aguilar, P.E., Vice President of Codes & Standards Development, 909-472-4111, hugo.aguilar@iapmo.org
2. IAPMO Field Service Assistance Representative: Dwight Perkins (AK, AZ, CA, CO, HI, NV, UT) <http://www.iapmo.org/Pages/FieldServicesAssistance.aspx#>

3. Assistance in Submitting Proposals for IAPMO from ASHRAE perspective: Steve Taylor, Taylor Engineering w/ email: staylor@taylor-engineering.com, D: (510) 263-1540
4. Legionella Code Items: Tim Keane, Legionella Risk Management, Inc. (ASHRAE member) is submitting on Section 609.3 on mixing valve temperatures, etc. (proposal language to follow)
5. IAPMO Committee Members 

SOUTHERN CALIFORNIA FACILITIES EXPO
May 2 & 3, 2018
Anaheim Convention Center | Anaheim, CA



FREE REGISTRATION!
CLICK HERE TO REGISTER

CLICK HERE FOR SPACE REGISTRATION

Southern California Facilities Expo meets the facilities engineering, maintenance and energy management needs of attendees from industries such as high-tech manufacturing, government, healthcare, hospitality, aerospace manufacturing, education, entertainment, information technology, retail, utilities, and more, all in one place and all for free. Network with your peers, experience valuable education and connect with exhibitors who are offering cutting-edge products as well as cost-effective, local solutions. Southern California Facilities Expo meets the facilities engineering, maintenance and energy management needs of attendees from industries such as high-tech manufacturing, government, healthcare, hospitality, aerospace manufacturing, education, entertainment, information technology, retail, utilities, and more, all in one place and all for free. Network with your peers, experience valuable education and connect with exhibitors who are offering cutting-edge products as well as cost-effective, local solutions.

For exhibiting information, contact:
George Runckel
grunckel@facilitiesexpo.com
800-827-8009 x4405

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Kenneth Golovko Greg Glover

**ASHRAE
 ORANGE EMPIRE CHAPTER**

**2017-2018
 PARTIAL ROSTER**

**SPIEL DEADLINE
 The March deadline
 for articles or ads is
 FRIDAY,
 MARCH 2, 2018**

COMMITTEES AND CHAIRPERSONS

Attendance.....TBD
 Communications/Webmaster..... David Yancosky
 Grassroots Gov't Advocacy..... Eric Decker
 Golf Tournament .Dan Davitt/Michael Garabedian
 Historian..... Craig F. Hofferber
 Membership Promotion Jeff Hanzel
 Newsletter Editor.....Robert Hagstrom
 Programs/Chapter Tech TransferGreg Glover
 RefrigerationJeff Conrad
 Research Promotion.....John Sawyer
 Student Activities..... Margaret Peterson
 Table Top Displays.....Greg Glover
 YEA Chair.....Charlotte Dean



**February 27, 2018
 Meeting Location Map**



**ORANGE
 SPIEL
 AD RATES**

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

Contact your Spiel Editor,
 Robert Hagstrom, P.E.
 c/o SCE
 (626) 633-3432
Robert.Hagstrom@sce.com

BUFFET

**BONELESS BREAST
 OF CHICKEN**

With Savory Chipotle Sauce

Served with garden salad
 with Ranch and Italian
 dressing, cilantro seasoned
 rice, roasted zucchini and
 bell peppers, rolls and
 butter, coffee, iced tea,
 and Chef's choice dessert

PLEASE RSVP FOR THE FEBRUARY 27 MEETING

by Thursday, February 22, 2018 at noon, Cancellations by Monday, February 26, 2018 at noon
(non-cancellations will be billed)

David Yancosky c/o P2S Commissioning

Direct: (562) 497-4567 • Office: (562) 497-2999 • E-mail: david.yancosky@p2sinc.com

ASHRAE MEMBER Before 26 Feb: \$45.00 | MEMBER After 26 Feb: \$55.00

NON-MEMBER Before 26 Feb: \$50.00 | NON-MEMBER After 26 Feb: \$60.00 | STUDENT: \$10.00

At the Door: \$60.00

Name(s): _____



Company: _____
 Telephone: _____
 E-mail: _____

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 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 2017/18 SCHEDULE

MEETING LOCATION:

HOLIDAY INN

2726 S. Grand Avenue
Santa Ana, CA 92705

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SEPTEMBER 26, 2017

Dinner: Title 24 Commissioning
Theme: Membership Appreciation
Place: Holiday Inn, Santa Ana

OCTOBER 25, 2017

Dinner: Dynamics of Riser Design in Skyscrapers
Theme: Joint Meeting with ASPE
Place: Holiday Inn, Santa Ana

NOVEMBER 14, 2017

Dinner: Energy – Design and M&V
Theme: Energy Night
Place: Holiday Inn, Santa Ana

DECEMBER 12, 2017

Dinner: Sustaining ASHRAE Through Leadership
Theme: Joint Meeting with So. California and Tri-County Chapters
Place: Gas Company Energy Resource Center, Downey

JANUARY 16, 2018

Dinner: Refrigerants Update
Theme: Refrigeration and Membership Night
Place: JT Schmid's Restaurant, Anaheim

FEBRUARY 27, 2018

Dinner: Design and System Considerations for Boilers
Theme: Research and Past Presidents Night
Place: Holiday Inn, Santa Ana

MARCH 13, 2018

Dinner: TBD
Theme: Joint Meeting with San Diego Chapter
Place: Bagby Beer Company, Oceanside

APRIL 24, 2018

Dinner: Modular Chilled Water Systems
Theme: Student Night
Place: TBD

MAY 29, 2018

Dinner: 2018-2019 Installation Night Dinner
Theme: Officer and Board Installation
Place: TBD



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ASHRAE Orange Empire
Chapter
www.oeashrae.org

MEETING SUMMARY

**TUESDAY,
FEBRUARY 27, 2018**

DINNER PROGRAM

"Boiler System Controls and Hybrid System Design" by
Brian Huibregtse

NO TECHNICAL SESSION

Orange Empire ASHRAE
P.O. Box 15603
Santa Ana, CA 92735