

# Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter



## MEETING INFORMATION

TUESDAY, MARCH 20, 2018

### BAGBY BREWING COMPANY

601 S. Coast Highway  
Oceanside, CA 92675

### CLICK HERE FOR DIRECTIONS

Social Hour .....6:00 – 7:00 p.m.  
Dinner and Announcements.....7:00 p.m.  
Dinner Presentation.....7:30 – 9:00 p.m.  
Adjourn.....9:00 p.m.

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

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

### PRICE SCHEDULE

Member Before 19 March..... \$50.00  
Member After 19 March..... \$60.00  
Member at the Door ..... \$60.00  
Non-Member Before 19 March. \$60.00  
Non-Member After 19 March... \$70.00  
Non-Member at the Door ..... \$70.00  
Student..... \$30.00

### CLICK HERE TO REGISTER ONLINE

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

SEE PAGE 5 FOR FAX ORDER FORM

### DINNER PROGRAM

*"The (un)Ethical Engineer: A  
Study in Principle and Practice"*  
by Devin Abellon, PE

### NO TECHNICAL SESSION

### Orange Spiel Editor

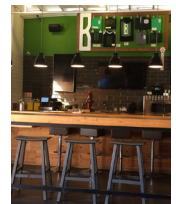
Robert Hagstrom, P.E., LEED AP  
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6090-B N. Irwindale Avenue  
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[Robert.Hagstrom@sce.com](mailto:Robert.Hagstrom@sce.com)

## MARCH JOINT MEETING WITH THE SAN DIEGO CHAPTER

TUESDAY, MARCH 20, 2018



**ENJOY BAGBY'S  
TACO BAR & BEER!**



### DINNER PROGRAM THE (UN)ETHICAL ENGINEER: A STUDY IN PRINCIPLE AND PRACTICE

Please come out to Bagby Brewing Company to meet up with our friendly counterparts in San Diego, and enjoy an ASHRAE certified Distinguished Lecturer Presentation on this topic!

The integrity of the HVAC industry is dependent on sound technical design, reliable products, skilled construction practice and consistent maintenance and operation. But another critical element that is sometimes overlooked is professional ethics.

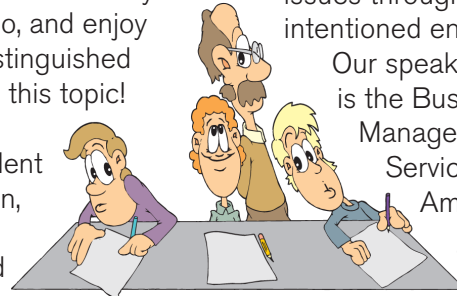
As members within the HVAC industry engineers, contractors, architects, manufacturers, vendors and building owners are expected to exhibit the highest standard of honesty and integrity to safeguard the confidence that the public has in us. In this very competitive climate, however, it is sometimes tempting to "bend the rules" to some degree in order to gain an advantage over competition or to simply get the job done on time. But how

much is too much? Is there a clearly defined line between ethical practice and "just the way things are done?"

"The (un)Ethical Engineer" is an interactive, multimedia, dramatic presentation that explores these issues through the eyes of a well-intentioned engineer.

Our speaker, Devin Abellon, P.E., is the Business Development Manager for Engineering Services at Uponor North America. He has over 23 years of experience in the HVAC and plumbing industries with a focus on high-performance and sustainable building design and construction.

Devin holds a Bachelor of Science degree in Mechanical Engineering from the University of California at Santa Barbara and is a registered professional engineer in California and Arizona. He is an active member of both ASPE and ASHRAE, and serves as ASHRAE Membership Committee Chair, Region X Nominating Member, Programs Subcommittee Chair for ASHRAE TC 6.5 and as an ASHRAE Distinguished Lecturer. 



**STRIVING TO BE ETHICAL  
IS AN IMPORTANT ELEMENT  
OF OUR INDUSTRY!**

## KEN'S BLOG

HAPPY BIRTHDAY ORANGE EMPIRE ASHRAE!!

You don't look a day over 49...probably because your birthday is **March 25, 1968**. That's right Orange Empire, this month marks 50 years of serving our members and our community as a local chapter of ASHRAE. If we look around at our next meeting, I think that you might find some current members who have been ensuring continued success of our chapter for better than half of the 50 years we have to celebrate.

What has happened in all that time? We've had a member reign as Society President (2007-2008 – Thank you Kent Peterson!), minted ASHRAE Fellows, we've provided countless hours of volunteer work, started, lost and



then restarted a student chapter, issued thousands of dollars in scholarships, learned about our ever changing industry, and had a little fun from time to time.

To mark this auspicious occasion, Orange Empire ASHRAE invites all members and friends to join us for a festive celebration to coincide with our Officer Installation event. This will occur on Friday May 18, 2018. Why Friday? Because our society will turn 50 only once, and we will be hosting a larger than normal event at the Phoenix Club in Anaheim (close proximity to the Honda Center) which will include special activities beyond the installation.

Please watch your email in the coming weeks! We'd welcome table tops and any type of professional engagement, but more than anything **we want to**

**ensure that as many members, past members, and friends attend as possible. This is a time to celebrate all that YOU have done for ASHRAE, and relish an evening exhibiting the staying power of this very special chapter.**

Remember to celebrate this month for the official anniversary in any way you desire, but join us in May to celebrate with industry friends and peers.

**Thank you members for all you do!! See you in Oceanside for our joint meeting! Ken** 🍊

## SHARE YOUR EXPERTISE!

Submit a technical article for next month's Orange Spiel. Contact your Editor TODAY!



**Date:** 27 February 2018

**Time:** 5:00 - 6:00 PM

**Place:** Holiday Inn  
2726 S Grand Ave  
Santa Ana, CA 92705

### MEETING ATTENDEES

Ben Chesser (BC)  
Jeff Conrad (JC)  
Eric Decker (ED)  
Greg Glover (GG)  
Craig Hofferber (CH)  
David Lawson (DL)  
Steve Rawski (SR)  
Bryan Sybesma (BS)

### CALL TO ORDER

1. Meeting called to order at 5:00 PM
2. Quorum Determination (Minimum 5 Voting Members)
3. Introductions
4. Announcements
5. Next Meeting Date: March 20th

### DISCUSSION ITEMS

1. Refer to Appended Chapter Meeting Agenda
2. Voting on OE January Meeting Minutes - Approved
3. Announcements
4. Programs
  - a. 50th Anniversary
    - i) Motion Approved to have Event at the Phoenix Club (1) May 18th

(2) Celebration for Members

(3) Membership Promotion

- ii) Motion Approved for Total Subsidized Expenditure excluding beverages of up to \$10k.
- iii) Motion Approved for Ticket Pricing to be \$45 per person and \$35 for guest.

5. New Business
  - a. Scholarships are Available
  - b. Add Student Page to OE ASHRAE website with Links to Scholarships
  - c. Amazon Smile

- End of Minutes -

**Ben Chesser** 🍊

**WE WANT TO THANK OUR COMMUNITY  
FOR HELPING US REACH 50 YEARS.**



**Orange Empire Chapter**

**50<sup>th</sup>  
Anniversary  
Celebration**

Cocktail Hour  
Buffet Dinner  
Chapter Officer Installation  
Casino Night  
Raffle Prizes

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**Friday, May 18<sup>th</sup> 6:00PM - 10:00PM**

<https://orangeempirearise.weebly.com>

**Phoenix Club**  
1340 S Sanderson Ave  
Anaheim, CA 92806

## FROM BITCOIN TO BLOCKCHAIN

Bitcoin, the popular digital cryptocurrency is the best-known application of blockchain technology. Blockchains are a form of a distributed, decentralized ledger.

Unlike centralized cloud computing (often using proprietary closed systems), blockchains are totally decentralized, with identical copies of the ledger residing on multiple independent computers around the world. Those computers cross-validate encrypted blocks of transactions and agree to add them to the ledger, making blockchains secure against alteration from cyberattack by bad actors.

Such an immutable, secure ledger enables participants to

agree on a record of information (without the need for independent third parties), automate previously cumbersome processes and lower transaction costs. While Bitcoin's value has dramatically increased over the past year and captured many headlines, the underlying application of Blockchain technology is the real story.

Cryptocurrencies such as Bitcoin are just one use of Blockchain technology that has tremendous potential to transform a variety of industries. Agreements between individuals, companies and entities worldwide can be permanently memorialized

and remain immune from alteration forever, the same way that Bitcoin value is transacted and maintained.

The energy sector-with its myriad of participants, resources, markets and regulations is particularly ripe with opportunity. Blockchain technology is poised to support and accelerate the transition to a decentralized, democratized, and decarbonized electricity grid, among many other things. 🍊

### SPIEL ADVERTISING RATES

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

Contact your Spiel Editor  
Robert Hagstrom, P.E.  
c/o So Cal Edison  
Phone: (626) 633-3432

E-Mail: [Robert.Hagstrom@sce.com](mailto:Robert.Hagstrom@sce.com)



Don't miss the only MRO, Facilities Engineering and Green Building expo and conference in Southern California – it's free to attend! Seminars of interest to ASHRAE members include: tools for dealing with occupant comfort complaints, sustainable facility case histories involving energy/water savings, California energy efficiency requirements, predictive maintenance, and more.

## FACILITY SOLUTIONS TO HELP YOU SUCCEED

For more information or to register, visit [FacilitiesExpo.com](http://FacilitiesExpo.com)

To exhibit, contact George Runckel at [grunckel@facilitiesexpo.com](mailto:grunckel@facilitiesexpo.com) or 800-827-8009 x4405

**CHAPTER OFFICERS**

President ..... Kenneth Golovko  
 President-Elect..... Derrick Wyka  
 Vice President..... Greg Glover  
 Treasurer..... David Lawson  
 Secretary ..... Ben Chesser

**BOARD OF GOVERNORS**

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

**CRC DELEGATE      CRC ALTERNATE**

Kenneth Golovko      Greg Glover

**ASHRAE  
 ORANGE EMPIRE CHAPTER**

**2017-2018  
 PARTIAL ROSTER**

**SPIEL DEADLINE  
 The April deadline  
 for articles or ads is  
 FRIDAY,  
 APRIL 13, 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 Transfer ....Greg Glover  
 Refrigeration.....Jeff Conrad  
 Research Promotion.....John Sawyer  
 Student Activities..... Margaret Peterson  
 Table Top Displays.....Greg Glover  
 YEA Chair.....Charlotte Dean



**Houston, TX  
 June 23-27, 2018**

The Technical Program along with Committee meetings, Registration, Bookstore, and Speakers Lounge will be held at the Hilton Americas hotel and the George R. Brown Convention Center.

The Annual Conference Program is comprised of eight tracks, and one mini-track selected to represent areas of focus common among ASHRAE membership. These focus areas include professional development, research, fundamentals and applications, systems and equipment, system management (controls) and some more specific design arenas (such as residential buildings and Cogeneration plants).

Conference Tracks include: • HVAC&R Systems and Equipment • Fundamentals and Applications • District Energy and Cogeneration Plants • HVAC & Resiliency: Safeguarding our World • Residential – Modern Building in Hot and Humid Climates • Professional Skills • Research Summit • HVAC&R Control Freaks • HVAC&R Analytics

**FOR MORE INFORMATION AND REGISTRATION CLICK HERE**

**PLEASE RSVP FOR THE MARCH 20 MEETING**

by Thursday, March 15, 2018 at noon, Cancellations by Monday, March 19, 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](mailto:david.yancosky@p2sinc.com)**

ASHRAE MEMBER Before 19 March:  \$50.00 | MEMBER After 19 March:  \$60.00

NON-MEMBER Before 19 March:  \$60.00 | NON-MEMBER After 19 March:  \$70.00 | STUDENT:  \$30.00

ASHRAE MEMBER At the Door:  \$60.00 | NON-MEMBER At the Door:  \$70.00

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



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

To be removed from our e-mail list, please notify Chris Tindall at (949) 296-3136 or email [ctindall@mcparlane.com](mailto:ctindall@mcparlane.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 2017/18 SCHEDULE

#### MEETING LOCATION:

#### BAGBY BREWING COMPANY

601 S. Coast Highway  
Oceanside, CA 92675

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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 20, 2018

*Dinner: The (un)Ethical Engineer: A Study in Principle and Practice*  
*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 18, 2018

*Dinner: 2018-2019 Installation Night Dinner and 50th Anniversary Celebration*  
*Theme: Officer and Board Installation*  
*Place: Phoenix Club, Anaheim*



# Orange Spiel

ASHRAE Orange Empire  
Chapter  
[www.oeashrae.org](http://www.oeashrae.org)

#### MEETING SUMMARY

**TUESDAY,  
MARCH 20, 2018**

#### DINNER PROGRAM

*"The (un)Ethical Engineer: A Study in Principle and Practice"*  
by Devin Abellon, PE

**NO TECHNICAL SESSION**

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