

# Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter



## MEETING INFORMATION

**TUESDAY, APRIL 24, 2018**

### HOLIDAY INN

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

Tech Session ..... 5:30 – 6:30 p.m.  
Social..... 6:30 – 7:00 p.m.  
Dinner Presentation..... 7:00 – 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](mailto:david.yancosky@p2sinc.com)  
Direct: (562) 497-4567  
Office: (562) 497-2999

### PRICE SCHEDULE

Member Before 20 April ..... \$40.00  
Member After 20 April ..... \$45.00  
Non-Member Before 20 April... \$45.00  
Non-Member After 20 April .... \$50.00  
At the Door ..... \$55.00  
Student ..... \$20.00

**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

*"Modular Chilled Water Systems"*  
by Jorge Sanchez

### TECHNICAL SESSION

*"Heat Reclaim: Benefits, System  
Examples, and Misapplications"*  
by Russell Sigler

### Orange Spiel Editor

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## APRIL MEETING NOTICE

### STUDENT NIGHT

**TUESDAY, APRIL 24, 2018**

### DINNER PROGRAM

#### MODULAR CHILLED WATER SYSTEMS

This month's topic is an introduction to the concept of Trigeration and Heat Recovery Chillers, or how you can use Trigeration to help improve overall system efficiency while working together with Heat Recovery Chillers.

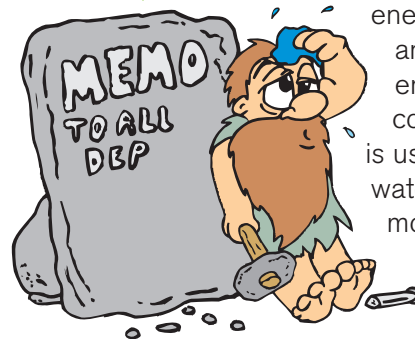
How can we reduce the energy wasted by reheat systems? Wasted energy is often further exacerbated by overcooling for dehumidification then reheated for optimum supply air temperature for comfort. Learn how to solve and quantify the inefficiencies with simultaneous heating and cooling in a Central Plant.

Our dinner speaker, Jorge Sanchez, is a Mechanical Engineer and joined Sigler/Carrier in 2003. He is presently Business Development Manager of Sigler Commercial in charge of developing new market initiatives and analyzing business opportunities, as well as managing the commercial office in San Diego. Prior to joining Sigler, Mr. Sanchez worked in the Custom Air Handling Industry (Governair/ClimateCraft) as a design Engineer. He graduated from the University of Oklahoma, obtaining his Bachelor's Degree in Mechanical Engineering in 2000. 🍊

### TECHNICAL SESSION

#### HEAT RECLAIM: BENEFITS, SYSTEM EXAMPLES, AND MISAPPLICATIONS

Buildings are responsible for 40% of the total U.S.A primary energy consumption; and 43% of the energy consumed in commercial buildings is used for space and water heating. If a more efficient means of providing heat could be implemented, it would represent a tremendous opportunity to reduce energy



**DON'T WASTE ENERGY! LEARN HOW  
TO IMPROVE SYSTEM EFFICIENCIES  
AT THIS MONTH'S MEETING!**

consumption in buildings. In response to an energy crisis and an oil embargo, the 1970's was a decade during which design engineers recovered heat from the chiller's condenser for use in other portions of the building or process. As energy costs have again increased, and environmental awareness has come to the industry forefront, use of energy recovery has again increased.

In applications from hotels to hospitals, casinos or universities, for service water heating to building heating, pool heating or preheating domestic water sources, heat recovery is not only possible but also potentially a very efficient means to reduce energy costs and consumption. 🍊

## KEN'S BLOG

ASHRAE Orange Empire! As of March 25 our chapter grew to the ripe old age of 50 years!

You've all been a key part of making it here, and now we want to celebrate with you!!

On Friday May 18 we will be gathering in Anaheim to install our new Officers, and engage in gaming and music to celebrate our 50 years of continued service to the industry. Please look to our website for the invitation and registration link. I hope to see you all there!!

This month we hope for a good turn-out at our April 24 meeting, when we will vote for new Officers and learn about



*Ken teaching potential engineers of the future*

Modular Chilled Water systems.

Just two days after our meeting will be the national Take your Son or Daughter to work day. All of our board will be participating at their places of work in one way or another. I am very passionate about sharing engineering experiences with young adults and children because I don't think there is enough engagement in our school system.

To spread the word of the importance of STEM and engineering, I recently spoke about Kinetic and Potential energy to a group of 30 fourth graders. Our discussion then turned into an activity where the children created their own

machine to convert potential energy into kinetic energy...it is the most fulfilling work I've done this year.

I cannot stress enough the joy I felt as I worked with thirty young minds...hoping that some will follow a path that will lead them down the same path we all followed to STEM courses and eventually engineering and ASHRAE.

Please find some way to engage this Bring your Son or Daughter to work day (even if it is just saying hello and making a coworker's child feel welcomed to your place of work), and please PLEASE join us on Friday, May 18, for our officer installation, casino games, music and friendship...in celebration of our 50 years serving the HVAC industry. **Ken** 🍊



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

**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



**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 May deadline**  
**for articles or ads is**  
**FRIDAY,**  
**MAY 4, 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



**April 24, 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](mailto:Robert.Hagstrom@sce.com)

**APRIL MENU**

**CHICKEN CHIPOTLE**

Boneless breast of chicken topped with savory chipotle sauce served with a cilantro seasoned rice and roasted zucchini & bell peppers and garden salad

OR

**CHEF'S CHOICE  
 VEGETARIAN OPTION**

entrée selections include chef's choice dessert, warm dinner rolls and butter, iced tea, gourmet and decaf coffee

**PLEASE RSVP FOR THE APRIL 24 MEETING**

by Thursday, April 19, 2018 at noon, Cancellations by Monday, April 23, 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)**

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STUDENT:  \$20.00 | At the Door:  \$55.00

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



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

To be removed from our e-mail list, please notify David Yancosky at (562) 497-4567 or email [david.yancosky@p2sinc.com](mailto:david.yancosky@p2sinc.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:

##### 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 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*  
*Tech: Heat Reclaim: Benefits, System Examples, and Misapplications*  
*Theme: Student Night*  
*Place: Holiday Inn, Santa Ana*

#### MAY 18, 2018

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



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

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APRIL 24, 2018**

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##### TECHNICAL SESSION

*"Heat Reclaim: Benefits, System Examples, and Misapplications"* by Russell Sigler

Orange Empire ASHRAE  
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