

# Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigeration, and Air-Conditioning Engineers

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## MEETING INFORMATION

**Date:** October 18, 2016  
**Location:** JT Schmid's  
 Restaurant & Brewery  
**Address:** 2610 E. Katella  
 Ave, Anaheim, CA  
 92806  
**Social Hour:** 6:00-7:00 pm  
**Presentation:** 7:00-8:00 pm  
**Tour:** 8:30-9:00 pm



We look forward to seeing you again at our next meeting. JT Schmid's Restaurant & Brewery is located at 2610 East Katella Ave., Anaheim, CA 92806. Please e-mail Rich Morrow at ashraetri-county@gmail.com to reserve your spot for the upcoming meeting.

JT Schmid's Restaurant & Brewery  
 2610 East Katella Avenue, Anaheim

## ASHRAE'S CORE VALUES

As we get set to start our 2016-2017 Tri-County ASHRAE season, let's take a moment to review ASHRAE's core values...

### **Excellence**

ASHRAE education, technical information and all other activities and products will always reflect the best practices that lead our industry. We strive for continuous improvement and innovation in all our practices and products.

### **Commitment**

ASHRAE and its members are passionate about serving the built environment, creating value, and recognizing the accomplishments of others.

### **Integrity**

ASHRAE is committed to the highest ethical standards. We work transparently, observing essential requirements for due process and peer reviews to assure our members and stakeholders that we do the right things the right way.

### **Collaboration**

ASHRAE seeks and embraces collaborative efforts with organizations, agencies, and individuals sharing our commitment to sustainable built environments.

### **Volunteerism**

Members lead ASHRAE at every level, serving ASHRAE and helping ASHRAE serve society.

NOTE: Statements made in this publication are not the expressions of the Society or of the Tri-County chapter but may not be reproduced without special permission of the Tri-County chapter.

# LOCAL BUSINESSES

PLEASE SUPPORT OUR  
BUSINESS CARD  
ADVERTISERS LOCATED  
HERE AND ELSEWHERE IN  
THIS PUBLICATION...

**MAKE AN INVESTMENT  
IN OUR INDUSTRY'S  
FUTURE!**

If you would like to place a  
business card ad in Super  
Heat for the 2016-2017  
Tri-County ASHRAE season,  
please contact

Rich Morrow via e-mail  
at...

[ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com)

**Looking for a unique marketing opportunity?**

**We've got a deal for you!**

**For only \$50 (that's right, only \$50!) you and  
many more can see your business card appear on  
THIS PAGE of THIS PUBLICATION**

**for the 2016-2017 Tri-County ASHRAE season!**

**Now that you're interested, send a \*.jpg version of  
your business card to [ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com)  
while sending a check for \$50 made out to  
Tri-County ASHRAE.**

**We will let you know where to send the check  
when you send your business card file to us at the  
above e-mail address.**

**RICHMORROW**

TCSH Editor



**Sal Militello**  
Technical Sales Engineer  
Commercial Buildings

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## ***ASHRAE Leaders!***

***Our Tri-County ASHRAE leaders for the 2016-2017 season are the following:***

- Chris Robles** / DMG / President
- Ian Villazana** / ACCO Engineered Systems / President Elect
- Kakeru Fujikawa** / Goss Engineering / Secretary
- Felix Monterroso** / Willdan Energy Solutions / Treasurer
- John Garcia** / RF MacDonald Company / Board Member
- Jaime Lopez** / The Gas Company / Board Member
- Shaw Gentry, PE, CEM** / Goss Engineering / Board Member



## **NEW MEETING**

### **"Refrigeration and the Beer Brewing Process"**

*Have you ever thought about what makes a good beer? Proper ingredients and equipment are important. However, the brewing heating and refrigeration processes are what any brewer must master in order to make a quality beer. Local breweries such as JT Schmid's, the Bruery, Brewbakers, and Good Beer have generously provided our ASHRAE chapter access to their facilities to assemble October's tasty presentation. An overview of the beer brewing processes, refrigeration systems, and how they affect the styles that you've come to enjoy will be presented. Most of all we want to give you the opportunity to relax and more thoroughly appreciate what goes into your favorite craft beer.*

*Ed Mendieta is a professional mechanical engineer and president of Sustained Solutions, Inc. who specializes in commissioning, training, and sustainability. Ed was introduced to home beer brewing by the Winiarski family (Stags Leap) in Northern California while attending the CSU Maritime Academy. Over the years, Ed has enjoyed beer brewing as a hobby. ASHRAE Tri-County Chapter invites you to participate in the emergence of the craft beer industry by having a pint and attending our October presentation at JT Schmid's in Anaheim. Ed will describe how refrigeration technologies are utilized at local beer brewing operations to produce familiar beer styles such as ales and lagers.*

## LAST MEETING

### ***"Building Automation System's Role Within LEED"***

***Chris Abbamonto and Steven Linn covered the LEED point system and the categories of LEED. They also covered the basics of a Building Automation System (BAS) system and understanding how a BAS system can contribute to LEED points in the various LEED categories. At the conclusion of the presentation, attendees were able to explain and comprehend BAS strategies that can be used to support LEED points.***



# JOB OPPORTUNITIES



*Willdan Energy Solutions (WES) is a national leader in energy efficiency. WES's expertise covers building system retrofits, commissioning and retro-commissioning, demonstrations of new technologies, energy efficiency education/outreach, sustainability strategy and local government partnerships.*

*WES's business is growing and we currently have an opening for a senior level energy efficiency Project Development Engineer in our Anaheim, CA office. The candidate must be able to work in a collaborative environment with our engineering staff, program managers and sales team to develop energy savings solutions and implement efficiency projects for our customers. The candidate must be able to identify efficiency and operational solutions for customers, develop proposals, sell projects, and oversee design and construction. This is a technical leadership role that involves directing entry level engineers, with oversight by senior level engineers.*

#### **Requirements:**

- Knowledge of mechanical equipment such as motors, pumps, and variable speed drives
- Knowledge of HVAC equipment and systems, such as chillers, cooling towers, air handlers, chilled and hot water loops, and boilers
- Knowledge of energy efficient lighting technology and lighting controls, such as LED, occupancy sensors, day-lighting, etc.
- BS in Mechanical Engineering or related field
- Professional Engineer's license preferred
- Min of 10 years' experience in energy efficiency, facility design/build, HVAC controls and/or performance contracting industry
- Computer proficiency, experience with Windows-based office applications required. Some travel required

*If you are interested forward your resume to [samoni@willdan.com](mailto:samoni@willdan.com) Attention: Shafi Amoni. Willdan Energy Solutions, 2401 E Katella Ave #300, Anaheim, CA 92806*



*TTG Engineers is looking for a full-time energetic, organized, and driven Mechanical Engineer in Ontario, California .*

*TTG Engineers is a leading full-service design engineering firm offering exceptional Structural, Mechanical, Electrical, Plumbing, Fire Protection and Civil design engineering services.*

#### **Responsibilities include:**

- Analysis, design skills, presenting technical information, equipment, quality and focus.
- Proficient in latest Energy Pro software and other HVAC system calculation software.
- Proficient in Auto CAD & REVIT 2012.
- Prepare Plan Check/OSHPD related documentation.
- Experience with Client Communication required.
- Generate project specific spec's & details
- Ability to work with minimal supervision
- Ability to take lead in multi-discipline coordination.
- Candidate will have excellent oral and written communication skills.
- Site Investigation and Inspection experience preferred.

#### **Requirements**

- 10+ years experience in HVAC systems design with institutional, commercial, educational, and healthcare projects.
- Bachelor's Degree in Mechanical Engineering
- California P.E. Professional Registration required
- Knowledge of LEED documentation

*If you are interested forward your resume to [tkuehl@ttgcorp.com](mailto:tkuehl@ttgcorp.com), Attention: Tricia Kuehl. TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764*

# 2016-2017 PARTIAL ROSTER

## Officers

<b>President</b>	<b>Chris Robles</b> DMG — 562-692-1277
<b>President-Elect</b>	<b>Ian Villazana</b> ACCO Engineered Systems — 714-278-8325
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<b>Student Activities</b>	<b>Jim Toda</b> Custom Cooling Company — 909.599.9222
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<b>Newsletter Editor</b>	<b>Rich Morrow</b> Goss Engineering Inc. — 909.725.2737
<b>Home Page Webmaster / Technology Transfer</b>	<b>Rich Morrow</b> Goss Engineering Inc. — 909.725.2737

## Tri-County

# SUPER HEAT

CELEBRATING

28 PLUS YEARS

1989-2017

TRI-COUNTY ASHRAE!

P A S T P R E S I D E N T S

1988-1989	SUKHDEV MATHAUDHU	2015-2016	SHAW GENTRY
1989-1990	SUKHDEV MATHAUDHU		
1990-1991	JEFF LEONARD		
1991-1992	DEL THOMAS		
1992-1993	TONY PIERCE		
1993-1994	GREG MORIN		
1994-1995	TONY HENKEL		
1995-1996	JOHN HAVILAND		
1996-1997	JOEL CARTER		
1997-1998	CHANDRA CHINDE		
1998-1999	JIM TODA		
1999-2000	RICHARD MCLEOD		
2000-2001	KERRY PARKER		
2001-2002	DEBRA CHAVIRA-SMITH		
2002-2003	LUCAS HYMAN		
2003-2004	JOE SANDERS		
2004-2005	BOB GASTEL		
2005-2006	ART ANDRES		
2006-2007	JIM PARKER		
2007-2008	KYLE LANDIS		
2008-2009	RICK CREED		
2009-2010	ROBERT MORSE		
2010-2011	TIM HALD		
2011-2012	JAIME LOPEZ		
2012-2013	ERICK DELGADO		
2013-2014	NICOLAS ROSNER		
2014-2015	RYAN RODRIGUEZ		

— journal of the tri-county chapter of the —

## American Society of Heating, Refrigerating, and Air Conditioning Engineers

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.