



ASHRAE San Diego Newsletter



REGION X
www.ashraesd.org
Volume 5, Issue 5

May 2013

Interested in becoming more involved with ASHRAE through joining or chairing a Committee or becoming a Chapter Officer?

To find out how, contact one of the existing Chairs or Officers or visit www.ashraesd.org!

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Are you looking to get more involved in ASHRAE?

We are currently seeking help with the following Chairs and Committees

Committee Chairs:

Honors and Awards

Committees Members:

Grassroots Government Activities Committee

Student Activities

Historian

Chapter Technology Transfer Committee

Honors and Awards

Membership Promotion

Publicity

Young Engineers in ASHRAE

Newsletter and Website

Research Promotion

Refrigeration

Mentoring



WE NEED YOU!

If you are interested and would like more information please email Heather Schopplein at hschopplein@gmail.com or call 619-704-1900 x104.

Region X CTTC RVC Message – Upcoming Deadline for ASHRAE Awards

As your Region X Chapter Technology Transfer Committee (CTTC) RVC, let me remind each ASHRAE Chapter of the upcoming deadline for submission of applications for multiple ASHRAE awards, including the following:

- ASHRAE Technology Award
- ASHRAE Dan Mills Award
- ASHRAE Star Award
- ASHRAE “R” in Refrigeration Award



All submissions are due to my attention on or before Wednesday, June 12, 2013 for judging. This is a wonderful way to recognize the incredible members in your Chapter as well as the innovative projects they might have designed. Do not let this opportunity slip-by without input. Not only do you recognize deserving ASHRAE members, but you can earn valuable points toward the PAOE (Presidential Award of Excellence).

For more information on each award, either contact me directly or simply go to the ASHRAE website link below, and click-on the link under “CTTC Award Programs”.

<https://www.ashrae.org/society-groups/committees/chapter-technology-transfer-committee>

All the appropriate information is there awaiting your download.

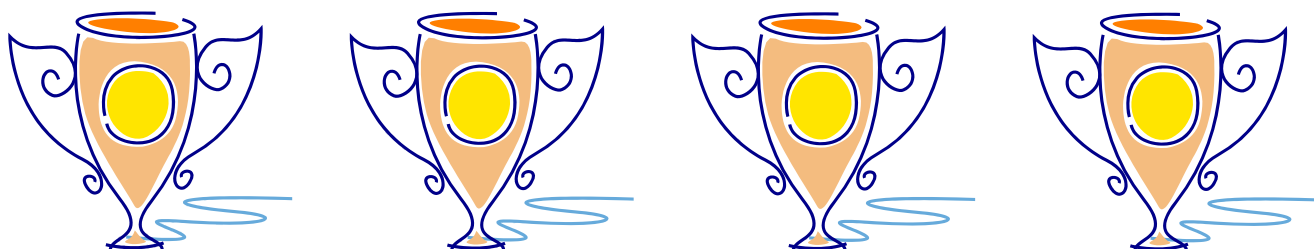
ASHRAE awards recognize the significant contribution that each one of our members makes to improve the world in which we live, in support of ASHRAE’s mission:

“To advance the arts and science of heating, ventilating, air conditioning and refrigeration to serve humanity and promote a sustainable world.”

Each one of us as an ASHRAE member has accepted this mission. Show the world by your submission of applications.

Gerald D. Hartford, Jr., P.E., LEED APTM, GPDTM
Region X CTTC RVC
Phone: 858-337-7712
Email: ghartford@hartfordengineering.com

C/O: Hartford Engineering
11440 West Bernardo Court – Suite #202
San Diego, CA 92127
www.hartfordengineering.com



Join us at ASHRAE's 2013 Annual Conference Denver, Colorado | June 22-26, 2013

Take advantage of the opportunity to discuss and examine the latest topics in the building industry, such as high performing buildings and integrated design, through the technical program; participate in technical tours; attend ASHRAE Learning Institute courses; and earn professional credits.

Research Summit - held in conjunction with the 2013 Annual Conference. The summit addresses the latest research results, innovative research techniques and forecasts future research directions.

Technical Program - presentations and papers focus on current research worldwide; core HVAC&R applications and systems; and Integrated Project Design, Energy Modeling and Building Efficiency Performance.

Networking - share ideas and learn from fellow members from your hometown and around the world.

ASHRAE Learning Institute - seven in-depth training courses including a new Professional Development Seminar on Operations and Maintenance of High-Performance Buildings and a new Short Course on Optimization of HVAC Systems and their Components.

For more information and to register, go to:

<https://www.ashrae.org/denver>



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ASHRAE San Diego June Awards Banquet

Join ASHRAE for dinner, awards, officer installation, an ASHRAE slideshow, and salsa dancing (with lessons) at Cafe Sevilla, downtown San Diego, on June 11th. After dinner and awards, we will have our own private salsa dance lesson (for those who are interested). Stay after our event for free entry/entertainment at Cafe Sevilla; Kaliente Tuesdays with Bachata/Merengue dance classes & Southern California's best Bachata orchestras.

When

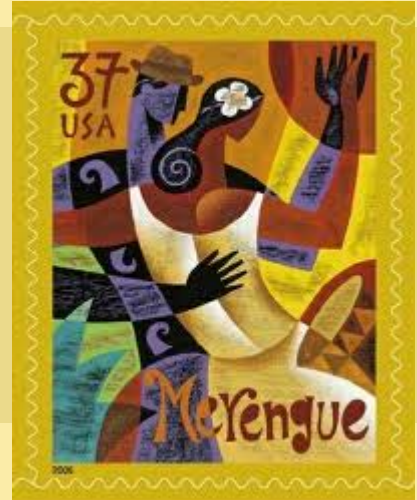
Tuesday June 11, 2013
5:30 PM to 8:30 PM

Where

Cafe Sevilla
353 Fifth Ave
San Diego, CA 92101

Price:

\$60 if RSVP by June 4th
Event Sponsors Needed!



Four Course Dinner Includes:

Tapas Course: Platter of Three Tapas-Grilled imported Spanish sausages, Shrimp Ajillo & Sauteed Potatoes in Spicy Brava sauce

Salad Course: House Salad Sevillana-Balsamic vinaigrette, goat cheese, tomato, cucumber

Main Course (Choice Of):

Shrimp Romesco-Tiger shrimp, marinated artichokes, lobster romesco sauce

Castillian Style Filet Medallion-Marinaded & grilled; Spanish Bleu Cheese sauce

Catalan Chicken Breast-Sweet sherry & Jerez vinegar reduction sauce with figs and raisins

* Vegetarian option: Grilled Vegetable Paella

Dessert: Orange Scented Flan-Spanish Chantilly

[CLICK HERE TO REGISTER](#)

Event/Slideshow Sponsors Needed

\$100 Each

Become an event sponsor and have your company included in the ASHRAE Slideshow. (You will get three slides to show pictures of your employees at ASHRAE events with your company logo on each slide.) Contact Heather Schopplein hschopplein@gmail.com for more information

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Air Filtration Sales

eFax: 619.615.2303

eMail:
RandallPratt@CALIFILTER.com

Upgrade Your ASHRAE Status from "Associate" to "Member"!

Erik Sanchez

Johnson Controls

Membership Promotion Chair, 2012-13

Have any co-workers at your office who are not currently members in ASHRAE? Explain to them why you're a member & the benefits you enjoy, and then bring them out as your guest to our next meeting! If they join, both you & your guest will receive lunch on us as part of our Member-Get-A-Member program. Just contact me, Erik Sanchez, at Erik.D.Sanchez@jci.com or come find me at the next meeting.

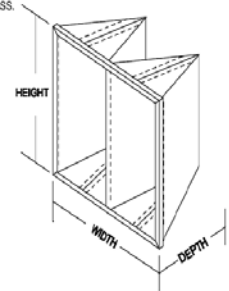
If you are an industry professional with 8 or more years of "equivalent industry experience," you are eligible to upgrade your membership status from Associate to Member at NO ADDITIONAL COST... Contact me to find out how!

SPECIFICATIONS

1. OSA MIST / MOISTURE SEPARATOR
2. HIGH PERFORMANCE SYNTHETIC MEDIA - ANTIMICROBIAL TREATED
3. MEDIA IS BONDED TO THE ENTIRE PERIPHERY OF THE HEADER ELIMINATING AIR BYPASS.
4. MERV 8: ASHRAE 52.2 (LEED)
5. EFFICIENCY: 30% - ASHRAE 52.1
6. ARRESTANCE: 90% - ASHRAE 52.1
7. INITIAL PRESSURE DROP - 20" W.G. (LEED)
8. UL CLASS 2

SIZES

1. NOMINAL FILTER SIZE: 24" x 24" x 12" (MODEL CC242412)
2. NOMINAL FILTER SIZE: 20" x 24" x 12" (MODEL CC202412)
3. NOMINAL FILTER SIZE: 12" x 24" x 12" (MODEL CC122412)



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*PLUS MERV 8 EFFICIENCY
Contact Email: randallpratt@califilter.com
Office: 951.302.9030

CALLING ALL PHOTOGRAPHERS!

PLEASE EMAIL ME ANY PICTURES FROM
ASHRAE EVENTS THIS PAST YEAR!

WE ARE PUTTING TOGETHER A
SLIDESHOW FOR THE AWARDS
BANQUET AND WOULD LOVE TO GET
SOME CONTRIBUTIONS!

PLEASE EMAIL ANY PICTURES TO HEATHER SCHOPPLEIN AT
HSCHOPPLEIN@GMAIL.COM BY JUNE 6TH!





ASHRAE San Diego Chapter

GOLF TOURNAMENT

25th Annual

When

Friday June 7, 2013

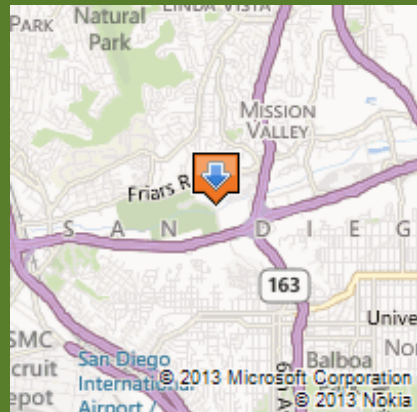
11:00 Check In

1:00 pm Shotgun Start

Where

Riverwalk Golf Club

1150 Fashion Valley Road
San Diego, CA 92108



Format Options:

2 Person Best Ball or 4 Person Scramble

Tournament Prizes will be provided for both formats

\$175.00 Tournament Fee

Includes: Green fees, golf cart, range balls, 2 drink tickets & dinner

Note: Lunch Will Not Be Provided This Year

Spaces are limited and expected to sell out fast, [click here to register now!!](#)

SPONSORSHIP OPPORTUNITIES

\$2,250 Dinner Sponsor (TWO AVAILABLE)

Provides a fantastic Buffet style Dinner for each of our Golfers Sponsorship includes four 2-somes of golf and recognition in the ASHRAE Website. Company name prominently displayed at the tournament and a tee sign

\$1,500 Par 3 Sponsor (THREE AVAILABLE)

Sponsor hosts a food and beverage tent for players to visit before teeing off Includes company recognition at one of the Par 3 holes Recognition in the ASHRAE Website

\$1,300 Tournament Sponsor

Includes a foursome of golf and recognition in the ASHRAE Website, Company name prominently displayed at the tournament and a tee sign

\$1,250 Beverage Sponsorship Fee (TWO Available)

Your company logo appears on the golf cart and drink tickets. A company representative may ride in the cart with course staff

\$900 Corporate Sponsor

Includes a twosome of golf, recognition in the ASHRAE Website and a tee sign at the tournament

\$750 Golf Cart Sign Sponsorship Fee (FIVE Available)

Your company logo will be displayed on each golf cart.

\$300 Tee Sign Sponsorship

A tee sign placed on a tee box at the Tournament

\$250 Gift Bag Sponsorship

Provide 130 of your company's promotional items to be included in the gift bag

The YEA Page!

YEA San Diego is for young professionals in our industry who are 35 years of age or younger. This group will focus on issues more relevant to those who are relatively new to the industry.

If you have any questions, comments, suggestions or would like to be added to the email list for future events, please let me know

Greg Horman

YEASanDiego@gmail.com

ASHRAE San Diego YEA Chair



See

<http://www.ashraesd.org/yea.html>
for upcoming YEA events & info

The San Diego Young Engineers of ASHRAE assembled at Fifty Seven Degrees for a wine and beer tasting on Tuesday, May 21st. We had a nice turn-out of about a dozen YEA'ers and enjoyed San Diego's finest beers, wine paired appetizers and a personalized tour of the wine storage cellar by Russell Kindom, the creator and owner of Fifty Seven Degrees. During the event we talked about ideas for other upcoming YEA events. Of course, the annual YEA tailgate will be held in July with the date to be announced shortly, we are working on hosting a joint event with the Orange Empire chapter for next year, a little outdoor "Olympics" style event may be planned in the upcoming months, and we are also tossing around ideas for technical engineering tours around San Diego county.

Please let us know if you have any other ideas for fun and/or educational events for our young engineers in ASHRAE. You can e-mail us, Greg Horman at g.horman@us-ac.com or Cindy Hyatt at cindyh@tmmechanical.com. We hope to see you soon and have a great summer!

Upcoming events to be on the look-out for: Annual Padres Tailgate (late July)

HVAC Design Training

2 Courses, 5 Days of Intense Instruction

March 18-22, 2013 • June 3-7, 2013 • August 12-16, 2013

HVAC Design: Level I - Essentials

This training provides intensive, practical education for designers and others involved in delivery of HVAC services. Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II - Applications

Developed by industry-leading professionals, the training course provides participants with advanced level information about designing, installing and maintaining HVAC systems that can be put to immediate use. Participants will gain an in-depth look into Standards 55, 62.1, 90.1, and 189.1 and the Advanced Energy Design Guides, as well as a range of other HVAC topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls.

Creating Effective, Highly Skilled Engineering Team Members

- Gain knowledge to make immediate contributions to design projects
- Participate in in-depth, practice-focused training
- Learn from industry leaders selected by ASHRAE
- Receive free bonus resources valued at over \$200

Visit www.ashrae.org/hvacdesign to register



Your Future Success Starts Today!

Register Online Today!

Register now for Summer classes or plan ahead for Fall. Browse our brand new website and see all that we have to offer.

extension.fullerton.edu/professionaldevelopment



Learn Industrial Controls from Industry Experts

Take professional development courses through Cal State Fullerton's Extended Education this summer. In the [Certificate of Industrial Controls Technology](#), about 50% of the time will be spent in hands-on training on current industrial hardware and software, learning from highly-qualified industrial control practitioners.

Industrial Controls Technology

The next class: [Networks for Industrial Applications](#) begins June 25. This hands-on class will provide the student with an understanding of network systems, Industrial Ethernet, OPC connectivity, Wireless communications, network security, and supervisory control/data acquisition software.

Students quickly gain knowledge and practice in several key technical areas including:

- Principles of tuning automatic control systems
- Instrumentation
- Data acquisition systems, HMI and SCADA
- Programmable logic (PLC) and computer-based controllers
- Practical applications of process and environmental controls
- Discrete manufacturing and material handling systems
- Plant networks

[Register Online](#)

[Download the information sheet.](#)

Program Information

If you have questions regarding these programs, please contact Denelle Pankratz, 657.278.2605, dpankratz@fullerton.edu

LabVIEW

The [LabVIEW certificate](#) is an opportunity to develop basic and intermediate LabVIEW skills including the ability to construct moderately complex, modular, well-organized LabVIEW applications. [Download the information sheet.](#)

The hands-on exercises build programming skills in data acquisition, instrument control, analysis, archiving, planning and building larger applications as well as Intermediate level issues of memory management, multithreading, and code interface nodes.

Students who successfully complete both required classes will be awarded a Certificate in LabVIEW and 6.6 Continuing Education Units (CEUs).

CLAD Certification

University Extended Education is proud to be a National Instruments LabVIEW Academy. The CLAD is the first step in the three-part NI LabVIEW certification process. Get hands-on training in LabVIEW and prepare for the Certified LabVIEW Associate Developer (CLAD) certification exam.



Courses to be offered in Fall 2013. Registration opens July 2nd.