

The Grapevine

February 2018 Redwood Empire Section Newsletter



REASHRAE Spring Meeting March 15th 2018

Join Redwood ASHRAE and Golden Gate ASHRAE at our joint **spring meeting on Thursday March 15th** at Four Points by Sheraton in San Rafael, CA. Tristram Coffin from Whole Foods will discuss natural refrigerants.

Inside:

March 15 th Meeting	Pg. 2
President's Message	Pg. 3
ASHRAE Membership	Pg. 4
Meeting Recap	Pg. 5



NEW REASHRAE MAILING ADDRESS:
P.O. Box 5665 Santa Rosa, CA. 95402

Natural Refrigerants, Whole Foods NorCal Strategy

Tristam Coffin will present on Whole Foods Market's exploration into natural refrigerant system architectures. He will outline the systems employed to date, operational performance, and lessons learned. Moreover, he will detail the thought process behind the decision to go "natural," the environmental impact, and the potential for market transformation. The presentation will also touch on the obstacles these projects encountered, including engineering challenges.

Dinner Buffet Menu:

Caesar salad
Italian sausage lasagna
Penne pasta with pesto cream sauce
Three cheese garlic bread
Chicken cacciatore with artichokes, peppers, mushrooms and olives

March 15th, 2018
Joint REASHRAE Meeting
Four Points by Sheraton
1010 Northgate Drive
San Rafael, CA

Meeting Schedule:

5:30 PM Registration and Social Hour
6:30 PM Dinner, Announcements and Introductions
7:30 PM Main Program

Cost:

\$50 Chapter Member Price
(\$55 after 5:00 PM on March 9)
\$60 Non-Member Price
(\$65 after 5:00 PM on March 9)

For tickets please register

at: <https://ggashrae.starchapter.com/meet-reg1.php?id=105>



Tristam Coffin

Director of Sustainability and Facilities at Whole Foods

Tristam Coffin is the Director of Sustainability & Facilities for Whole Foods Market's Northern California Division. Among his responsibilities, Tristam oversees the implementation of environmentally responsible programs and sustainable engineering initiatives for the 45 stores, regional office, distribution center, and 5 future stores that make up the company's Northern California Region. Mr. Coffin is a LEED Accredited Professional, expert in resource management and holds a broad array of environmental expertise in areas including refrigeration systems, distributed energy resources, and energy efficiency. He is also a member of the company's Global Green Mission Leadership Team. Prior to being employed by Whole Foods Market, Mr. Coffin worked in alternative energy and transportation for the Transportation Research Center of Vermont as well as in natural sciences and advocacy in Yellowstone National Park, Montana. Mr. Coffin holds a Bachelor's Degree in Environmental Studies from the University of Vermont.



Redwood ASHRAE President's Message



Redwood Section President 2017-18
Kent Kawakami, P.E.

Hello Colleagues, Friends and Family,

I welcome you all to a new year and hope for a healthy, happy and prosperous year. We hope to continue to schedule good presentations and promote ASHRAE. ASHRAE promotes the arts and science of heating, refrigeration and air conditioning.

To give you an update, we had a successful December event with distinguished lecturer Dr. Peter Simmonds. We appreciate him for taking time out of his busy schedule to provide an outstanding presentation in Napa. He gave insight into temperature differential, infiltration, indoor air quality, energy consumption, pressure differential, loads and various systems associated with supertall buildings.

As a common theme throughout this year, I will refer back to John Wooden, Hall of Fame UCLA basketball coach, for his insightful "wealth of knowledge" of what I feel is important for all engineers.

A quote from Wooden's Persistence is stronger than failure.:

"Abraham Lincoln is acknowledged as one of America's greatest presidents. Here is a brief summary of his career: Failed in business 1831, defeated in legislature 1832, failed in business 1833, elected to legislature 1834, sweetheart died 1835, had nervous breakdown 1836, defeated for speaker 1838, Defeated for elector 1840, Defeated for congressional nomination 1843, Elected to Congress 1846, Defeated for Congress 1848, Defeated for Senate 1855, Defeated for Vice President 1856, Defeated for Senate 1859, Elected President of the United States 1860. Few people have suffered more personal, professional and political adversity than

Abraham Lincoln. He persisted in the face of failure and emerged victorious. Another president, Calvin Coolidge described it well: 'Nothing in the world can take the place of persistence. Talent will not; nothing is more common than unsuccessful men with talent. Genius will not; unrewarded genius is almost a proverb. Education will not; the world is full of educated derelicts. Persistence and determination alone are omnipotent.' The model Mr. Lincoln gave us with his persistence is one we can remember in the face of our own setbacks and what is most wondrous of all is that persistence is a quality that we ourselves control. You and only you can decide whether you will stay the course."

Persistence is what provides an engineer character to stay the course and make it work. Persistence and hard work to strive for a goal are vital for an engineer to succeed. An engineer must have persistence to constantly learn something new and strive to apply the latest innovation.

Attend our next dinner meeting on March 15th in San Rafael and learn something new about natural refrigerant at Whole Foods. CO2 refrigeration has been around since the early 1900s and is used for modern refrigeration. In addition, we will award our scholarship recipients for 2017-2018. The scholarship(s) will help the next generation of engineers. We want to thank you for your continued support and giving back to our local community. I congratulate you for being PERSISTENT to grow, to share and to be educated on the latest technology by being part of this organization.

Regards,
Kent Kawakami
Redwood Empire ASHRAE, President

ASHRAE

NOT A NATIONAL ASHRAE MEMBER? JOIN US!

By Mike Scofield, Membership Chair for Redwood Empire ASHRAE Section

Your membership in ASHRAE puts you in touch with over 53,000 members in over 170 Chapters worldwide. This group includes Consulting Engineers, Mechanical Contractors, Building Owners, Manufacturing Companies, Educational Institutions, Research Organizations, Architects, Government officials, and all concerned with HVAC&R for the Built Environment.



Join online at <http://www.ashrae.org/join>

LEVELS OF MEMBERSHIP ARE AS FOLLOWS:

- **ASHRAE Member (\$ 206.00)** is available for anyone with 12 years or more ASHRAE approved experience in the HVAC&R Industry.
- **Associate Member (\$ 206.00)** is available for anyone with less than 12 years of experience in the HVAC&R Industry.
- **Affiliate Member (\$ 52.00 first year, \$ 78.00 second year and \$ 103.00 third year)** is available for first time members under the age of 30 years. This is an excellent way for the young Design Professional to become involved with ASHRAE at a lower cost. This grade of membership does not include the ASHRAE Handbook publication.
Questions: Contact membership@ashrae.org

Your membership includes the following Publications and Resources:

- ASHRAE Handbook current the year you join and each year you remain a member.
- Monthly ASHRAE Journal magazine.
- e-Industry and e-Society electronic Newsletters.
- Discounts on attending ASHRAE annual EXPO and Technical Meetings.
- Discounts on over 300 of the HVAC&R Industry Technical Publications.
- Discounted registration for Continuing Education Courses through the ASHRAE Learning Institute.

Join the Redwood Empire ASHRAE Section

I'll Join RE-ASHRAE for 2017-2018

Send your check of \$25 to P.O. Box 5665, Santa Rosa, CA. 95402 or bring your check to the next REASHRAE meeting. Make checks payable to Redwood Empire ASHRAE. Thanks!

Name: _____
 Company: _____
 Company Address: _____
 City, State, Zip: _____
 Email: _____
 Work Phone: _____ Work Fax: _____
 Home Phone: _____

Please use the following address for ASHRAE correspondence (if different than above):

Address: _____
 City, Zip: _____

Currently I am a member of:

- ASHRAE National Society Member
- ASHRAE Golden Gate Chapter
- ASHRAE _____ Chapter



Meeting Re-Cap

REASHRAE December 14th

On December 14th, we learned about mega-tall building design from Peter Simmonds and had a cheerful holiday meeting with our colleagues.



The Grapevine

Is published quarterly by the Redwood Empire Section of the Golden Gate Chapter of ASHRAE. We encourage submissions from members and non-members alike that might be of interest to our readers. Items for publication should be submitted directly to the Editor and President via email.

If you have questions or comments about the Grapevine, please contact the following:

William H. Martin III

william@conservationmechsys.com

The Grapevine

Editor

Graphic Design

William H. Martin III

Nicole M. Travis

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Grapevine Editor, William H. Martin III
william@conservationmechsys.com

Events Calendar

March 15, 2018 – Spring REASHRAE Meeting, San Rafael, CA

March 18-21, 2018 – IAR Natural Refrigeration Conference & Expo

June 6, 2018 – Summer REASHRAE Meeting - Douglas Hilberman, AIA "Rebuilding Sonoma" at China Village in Cotati, CA

June 23-27 2018 – ASHRAE Annual Conference, Houston TX

Send us your ASHRAE-related events!



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