



Spacecoast
Chapter



Canaveral Section

The Capsule

Newsletter for the ASHRAE Spacecoast Chapter and ASME Canaveral Section

February 2017 Issue

Message from the ASHRAE Chapter President

By **Dennis L. Bowers, P.E., C.E.M**
ASHRAE Spacecoast Chapter President

January is a month of firsts:

- The first month of the year;
- The first time in years where we made over 60% of our Research Promotion goal, thanks to our Chapter Sponsors, Halloween on the Green sponsors and players, and Chapter members; and
- The first time our January meeting hosted both the ASHRAE Society President and Director and Regional Chair of our ASHRAE meeting; and
- The first time our ASHRAE Chapter formed a partnership with the local U.S. Green Building Council (USGBC) Brevard Branch to host joint meetings with them.

At the January meeting, ASHRAE President Tim Wentz talked about how we, as ASHRAE members, need to adapt today to shape tomorrow. That is what we need to do as professionals and as a Society. President Wentz presented several firsts at the meeting that really stuck out to me and I think will benefit you as members:

1. eLearning Portal: This is a website where ASHRAE has consolidated its resources, including those from the ASHRAE Learning Institute, for learning and professional development. The website is customizable for users and can be changed to fit goals and course paths you want to complete.
2. A 3-Credit College Course on Building EQ (Building Energy Quotient): This undergraduate-level course, which would be offered free of charge by ASHRAE to colleges and universities, will allow students to learn how to effectively apply the Building EQ tool to projects.
3. Technology Portal: This website links technical content to ASHRAE members, making it much easier to access information about standards, Handbook information, and more.

Locally, our ASHRAE Chapter made a partnership with the USGBC Brevard Branch to jointly hold meetings with them. (Yes, now three organizations, ASHRAE, ASME, and USGBC, meet at our meetings.) This "first" is a win-win solution to increase our ASHRAE Chapter meeting attendance while providing a venue for USGBC members to meet and learn about great technical information.

Like ASHRAE, our Space Coast Chapter evolves, and we want you to be part of our wave of change. Our Chapter elections are coming up, and we want you to be a part of our leadership. If you want to serve, e-mail Lee Guthrie at PresidentElect@SpaceCoastASHRAE.org.

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2 ASHRAE Certifications

Coming up

February ASHRAE-ASME-USGBC
Technical Seminar
Tuesday, February 14, Tuscany Grill
Networking: 11:30 am
Lunch and Seminar: 12:00 pm

Space Congress® Endowed
Scholarship Golf Tournament
Friday, May 26
Cocoa Beach Country Club
Registration: 7:00 am
Shotgun Start: 8:00 am
Register or sponsor early at
www.SpaceCoastASHRAE.org.

Programs



**By Akshay Bhargava, M.S.
ASHRAE Spacecoast Chapter
Newsletter Editor**

Last month's technical seminar, by ASHRAE President Tim Wentz, was both informative and insightful for all who attended. We appreciate Society President, Prof. Tim Wentz from the University

of Nebraska, for traveling to the Space Coast and speaking to us. Our speaker for next seminar will be Stephen Roth, PE, President of Carmel Software, who will be presenting a brief overview of psychrometrics and a full demo of the ASHRAE Psychrometric Chart App. This seminar counts for **1 FBPE PDH**.

Networking starts at 11:30 am, with the seminar with lunch at 12:00 pm. **Be sure to RSVP by sending an e-mail to Chapter@SpacecoastASHRAE.org. The Chapter needs a head count to reserve the proper room and spacing for the event.**

Would you be interested in presenting a cutting-edge technology or discussing technical methods to an avid audience of engineers? Topics are encouraged to be of a technical nature, since the Technical Seminars will be worth 1 FBPE PDH.

To schedule your speaking engagement at an upcoming ASHRAE-ASME Technical Seminar, please e-mail Programs@SpacecoastASHRAE.org.

Resource Promotion

Register for the Space Congress® Endowed Scholarship Fun Golf Tournament on Friday, May 26 at Cocoa Beach Country Club ([5000 Tom Warriner Blvd., Cocoa Beach, FL 32931](http://www.SpaceCoastASHRAE.org)). Register for the tournament using the form on the next page or online at www.SpaceCoastASHRAE.org. Proceeds will benefit the Space Congress® Endowed Scholarship Fund through the ASHRAE Foundation.

Space Congress® is a registered trademark of the CCTS.

ASHRAE Certifications

Here is one way you can make the most of your ASHRAE membership: **Sign up to become certified by ASHRAE!**

Demonstrate competency in critical building commissioning knowledge, skills and abilities, elevate your reputation among peers, in the workplace and among clients, and [comply with local, state and federal requirements](#).

ASHRAE certification programs:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation;
- Assure employers and clients of subject mastery;
- Serve as a springboard for continued professional development; and
- Offer an easy-to-apply process.

For more information, [click here](#).

Value of Certification

ASHRAE certification programs were founded to meet industry need as identified through market research and today provide value to many important stakeholders. Developed by subject matter experts, including those recruited from allied professional organizations, ASHRAE certification programs benchmark with the ANSI/ISO accreditation standards for personnel certification programs to help ensure quality. For the past 100+ years ASHRAE has worked hard to earn and maintain a worldwide reputation for being the leader in HVAC&R design. ASHRAE certification programs serve to reinforce that reputation.

Employment Opportunities

Mechanical Project Manager

TLC Engineering for Architecture, a dynamic and growing National Engineering firm, is seeking qualified and motivated Mechanical Project Managers interested in working on a wide range of engineering projects that include the HVAC design of large scale buildings. This firm has the reputation of staying ahead of the curve with technology and have designed over 318 LEED projects.

RESPONSIBILITIES:

- Diverse design experience in mechanical systems
- Coordinate efforts between Mechanical, Electrical, Plumbing, and Structural disciplines to ensure team collaboration in order to achieve project goals.
- Coordinate activities of team members and assist in production needs to meet deadlines.
- May function as EOR or Project Engineer if licensed

REQUIREMENTS:

- 6+ year of experience in similar Architectural Engineering, MEP or Engineering consulting firm.
- Project Management experience with ability to market engineering services.
- Prior experience on multi-site projects a plus.
- Proficiency in AutoCAD or revit.
- BSME or BSAE from an ABET accredited engineering program is preferred, but not required.

BENEFITS:

A comprehensive benefits package which includes;

- Competitive Salary and Paid Time Off
- Medical, Dental, Vision, Flexible Spending
- 401K with company match
- Flexible schedules

For those interested in the job opening, please refer to www.tlc-engineers.com.

45th Annual Space Congress® Endowed Scholarship Fund Golf Tournament



WHEN: Friday, May 26, 2017

WHERE: Cocoa Beach Country Club
5000 Tom Warriner Blvd.
Cocoa Beach, FL 32931

ENTRY FEE: \$125.00 per Golfer

INCLUDES: Green Fees with Cart, Lunch, and Open Driving Range, Three (3) Drink Tickets, Awards & Prizes, Longest Drive and Closet to the Pin Holes

SPONSOR PACKAGES:

"Space Station" Tournament Level Sponsor: \$3,500

Includes Logo and name of Display, tournament flyers, course signage, (2) Golf Cart Sponsorships and two (2) foursomes

"Launch Pad" Tournament Level Sponsor: \$2,500

Includes Logo and name of Display, tournament flyers, course signage, one (1) golf cart sponsorship and one (1) foursome

"Spaceport" (1) Lunch Sponsor: \$2,000

Includes Display, Acknowledgement at Lunch, and One Foursome

"Mars Rover" Drink Cart Sponsors: \$750

Includes Display on Drink Cart

"Moon Rover" Golf Cart Sponsor: \$250

Includes Display on Select Golf Cart

"Astronaut" Hole Sponsor: \$150

Includes Sign at Hole

Time: 7:00AM Registration with free driving range use

8:00 AM Shotgun Start

Dress Code: Shirts must have collars, NO JEANS.

RSVP by April 21, 2017.

TEAM SPONSOR: _____

GOLFERS: 1. _____ 2. _____

3. _____ 4. _____

SPONSOR PACKAGES

Space Station: \$ 3,500 Launch Pad: \$ 2,500 Spaceport: \$ 2,000 GOLFERS __ @ \$125.00 Each \$ _____

Bringing Door Prizes? Yes ___ No ___ If Yes, Description: _____

Make checks payable to "ASHRAE Space Coast Chapter" with "Space Congress Golf Tournament" on the Memo line.

Mail this form and checks to: ASHRAE Space Coast Chapter
c/o Scott Seigel
1032 Jans Place
Melbourne, FL 32940

For more information or to submit entries, e-mail Jake Rardin at RP@SpaceCoastASHRAE.org.

Online reservations and payments may be made at www.SpaceCoastASHRAE.org.

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Support our sponsors! They support ASHRAE.

Michael F. Constantinide, PE
Principal Engineer



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WOSB • 8(m)



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Founded in 1894, ASHRAE's mission is to advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

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Lyle Houser	1981-1982
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Larry Curvin	1983-1984
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Marvin Yarosh	1985-1986
Omar Hancock	1986-1987
Hardy Moore	1987-1988
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Bernard Moltz	1989-1990
Henry Healy	1990-1991
Carter Quillen	1991-1992
Brian Curtin	1992-1993
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Kevin Riley	1995-1996
Bill Ruppert	1996-1997
Dave Johnson	1997-1999
Bill Ruppert	1999-2000
Kannan Rengarajan	2000-2001
Jade Rymkos	2001-2002
Brian Blenis	2002-2003
Mark Terrone	2003-2004
Curtis Smart	2004-2005
David DaSilva	2005-2006
Philip Thomas	2006-2007
Laing Conley	2007-2008
David Poetker	2008-2010
Kevin Messer	2010-2012
Jeanne (Duce) Jackson	2012-2013
Scott Seigel	2013-2014
John Constantinide	2014-2016

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2016-2017 ASHRAE Spacecoast Chapter Leadership

Chapter Officers & Board of Governors

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Sam Shine
Governor2@SpacecoastASHRAE.org

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Programs (Technology Transfer)

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Programs@SpacecoastASHRAE.org

Membership Promotion & CCTS Alternate

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Resource Promotion & Grassroots

Government Advocacy

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Historian

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Young Engineers in ASHRAE (YEA)

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Badge Dude (Reception)

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2016-2017 ASME Canaveral Section Leadership

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JD Van Gilder

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Dr. Dwight Easterly, Ph.D.