



The Capsule

Newsletter for the Space Coast Chapter of ASHRAE

November 2013 Issue

Message from the Chapter President

By Scott Seigel, PE, LEED AP, CEM, CxA, OPMP
Chapter President & Grassroots Government Activities Chair

Our September meeting was a great presentation in Suntree along with last month's well-attended F.I.T.'s Chiller Plant tour. We keep shuffling locations to keep you guessing where our next meeting will be held. This month, we have a tour that, I am sorry to say, not many of you will want to attend. We are touring the "Intracoastal Brewing Company". Details are inside. There might be some free samples provided for the few who attend, but no one wants free beer anyway. As Chapter President, I have to attend these functions...sort of like falling on the sword for the team. Make sure you RSVP to SpaceCoastASHRAE@gmail.com so we know how many will be in attendance.

ASHRAE has its annual meeting in the Big Apple this January. I urge as many members as possible to attend. NYC is a great town and you might be able to purchase some Super Bowl tickets from that guy Henry on the corner. Make sure the Rolex has only one "x". I was asked to present; however, it appears ASHRAE did not receive the paperwork prior to the deadline. Is anyone from Chapter attending or presenting? We would like to advertise such items in the newsletter! If your company is sponsoring this educational trip, that would also be mentioned.

As many of you are aware, my career have taken me throughout the US and Europe, to which I am thankful. It is truly wonderful to travel for work. I am blessed to be an Engineer and have been provided the opportunities therein. This past month, my wife and I used airline miles for a trip to Israel and Jordan. Neither country was what we expected. Israel was very modern with high rise buildings and highway systems. Tel Aviv has over 1 million people with Orlando-type rush hour traffic. Jerusalem, though not as large, had similar traffic issues. Jordan was primarily desert with more foliage in the north. The people were very nice. Both countries have lots of sun and sand but no oil and limited water supplies, which they share by treaty. It nearly took the entire two weeks to see all the rich history and culture of both countries, which are great places to visit.

(Continued on next page)

In this issue

2 Membership Promotion

2 FIT Endowment

3 Programs

4 Job Opportunity

Coming up

Microbrewery Tour
Tues., Nov. 12, 6pm, Intracoastal
Brewing Company ([Click here for
map.](#))

December Technical Meeting
Tues., Dec. 10, 5:30pm Networking &
6pm Presentation/Dinner, Tuscany
Grille ([Click here for map.](#))

Membership Promotion

By John Constantinide, MS
Chapter President-Elect & Membership Promotion
Chair

If you came out to the FIT Chiller Plant tour, thank you for coming. We appreciate FIT for their hospitality hosting Space Coast Chapter. Many who came were familiar faces to the Chapter, a student presence from the FIT ASHRAE Student Branch, and new faces for those who were interested in the tour.

Whether or not you attended the Chiller Plant tour, do not forget about the Chapter event of the year!...or fall at least: **the microbrewery tour**. We finalized our date and time to be **Tuesday, November 12 at the Intracoastal Brewing Company (652 W. Eau Gallie Blvd., Melbourne, FL - Click here for map)**. (If you remembered a Thursday date floating around, you can forget that.) The tour is our Chapter's Membership Promotion and Refrigeration Night, so bring a friend, have a drink, and learn something new that evening.

Our microbrewery tour would not be possible without Jeanne Duce, Regional Vice Chair for Young Engineers in ASHRAE (YEA) and our Chapter Past President and YEA Chair, and Traci Robinson. Jeanne has organized the tour at the Intracoastal Brewing Company, and Traci is a great help committing to event set-up. If you see them at the microbrewery tour, tell them "Thank you!" for a great event.

New members are always welcome in the Space Coast Chapter. As part of that welcome, **I would like to introduce a new member to our Chapter: Mr. Tory McNeil, Associate Member. Also, I would like to welcome Mr. Rob Williams, Member, who recently transferred to our Chapter.** (Additionally, I would like to give an overdue welcome to two people who transferred to our Chapter: Mr. Daniel Evans, Member, and Mr. Chuck Danielson, Associate Member.) If you know someone who is interested in joining ASHRAE, tell them about how this Society benefits you.

As this year comes to a close, do not forget to renew your ASHRAE membership. And, when you renew, please remember to pay Chapter dues. Your monthly meetings and activities depend on them.

Have membership questions or want to be involved with the Membership Promotion Committee? Send me an e-mail at john.constantinide@alphamrc.com.

Message from the Chapter President, continued

All that said, there is no place like home. We still live in the best place on Earth. Brevard County, Florida. Great school systems, FIT, great beaches, and a safe environment for our children and grandchildren to grow up. Did I mention rockets? It may be a bit warm in the summer, but we can always return the favor by visiting our relatives up north. Remember, snow is nice to visit. Wonder where I put my SCUBA gear....

We are seeking Company Dinner sponsors to help offset the individual member's dinner cost. If your company would like to be a Diamond, Platinum or Gold sponsor and be recognized at every month's meeting, newsletter, the Chapter Golf Tournament in the spring, as well as receive perks as a sponsor, please call me at (321) 474-7302 or e-mail me at scott.seigel@siemens.com. I believe we have an offer you cannot refuse.

That's right, there even more...

Most importantly, if you haven't noticed many of our officers have been volunteering for years. They have been the backbone of the Space Coast Chapter. Without them, there would not be an ASHRAE Space Coast Chapter. Everyone needs to recognize them for their service to engineering and their community. After all, they also have jobs and families just like you do. These volunteer officers in our Chapter are simply the best engineers I have ever known. I might just buy them all a round of beer this next meeting... unless it is free, of course.

FIT Endowment

By Shelley Johnson
Chapter FIT Endowment Committee Member

Help Wanted:

FIT Senior Design Teams
are in need of project funding.
No gift too large, no gift too small.
Project budgets range from \$100 to \$1,000.
Checks payable to FIT, note "Sr. Design Fund".
Mail to Florida Tech, Attention: Shelley Johnson,
150 W. University Boulevard, Melbourne, FL 32901.
Project proposals can be sent to you for review.
Students are available to make presentations.
Please contact me at shelley@fit.edu,
or [click here for more information](#).
All gifts are tax-deductible.

Programs

Your Space Coast Chapter wants to make Chapter meetings more than just dinners and presentations. That is why your leadership is bringing tours to members, thanking companies and individuals for their service to Chapter, and creating an HVAC&R community to network with, learn from, and advance with in your professional career.



We have another tour, Distinguished Lecturers, and engaging speakers coming up, but we want your input on how meetings can be better. Do you have ideas for meeting venue, presentation topics, and HVAC&R-related activities? Would you like to present at a technical meeting? Send your ideas and requests to present at technical meetings to Dan Evans at enthalpy@bellsouth.net.



If you attended a Chapter meeting in the past or this year, thank you. Your attendance helps Chapter meetings bring networking value to your fellow members and you.



Photos: John Constantine receiving regional recognition for Best New Membership Promotion Chair at the August 2013 Technical Meeting (top) and entrances to the chiller plant at the September 2013 FIT Chiller Plant Tour.

Upcoming Online Courses

ASHRAE has opportunities online for members to advance their careers in HVAC&R engineering.

Commercial Building Energy Audits

Part 1 – Mon., Nov. 4, 1:00 pm to 4:00 pm EST

Part 2 – Wed. Nov. 6, 1:00 pm to 4:00 pm EST

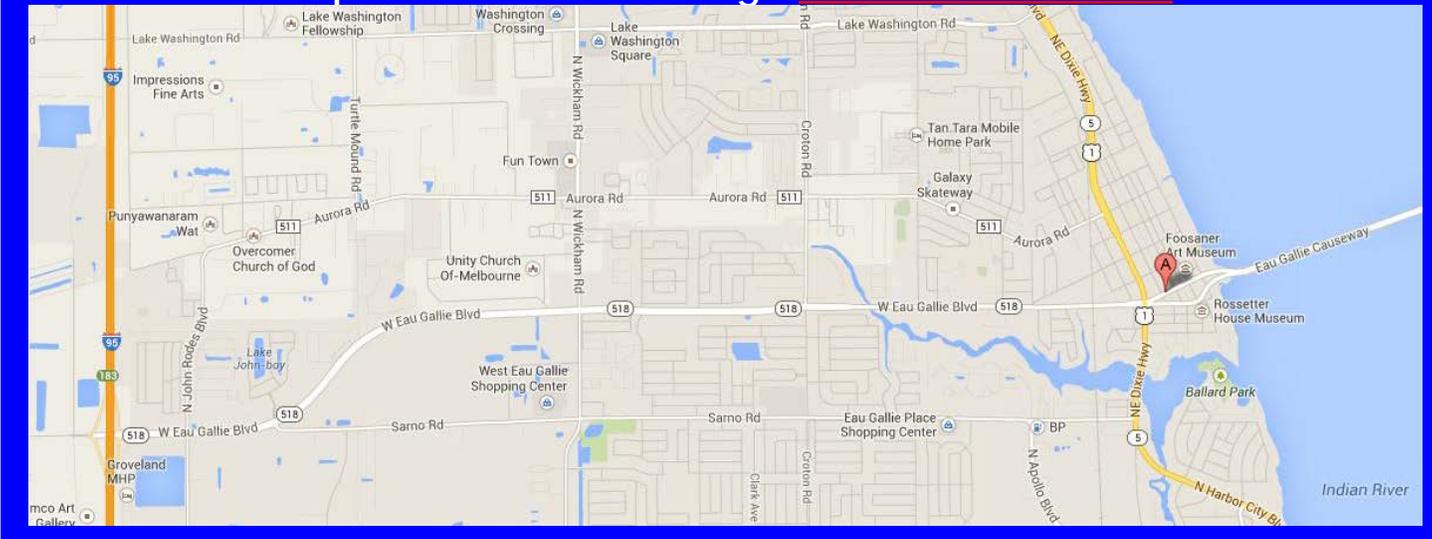
IAQ Best Practices for Design, Construction, and Commissioning

Wed., Nov. 18, 1:00 pm to 4:00 pm EST

[Click here to view all ASHRAE online courses for fall 2013.](#)

Do you have information relevant to HVAC/R or ASHRAE to contribute to The Capsule? E-mail your content to SpaceCoastASHRAE@gmail.com.

Map to November Meeting - [Click here for directions.](#)



Support our sponsors! They support ASHRAE.

AMRC
Architects • Engineers
Interior Design

Michael F. Constantinide, PE
Principal Engineer

Alpha MRC
2395 North Courtenay Parkway
Suite 102
Meritt Island, Florida 32953

Phone: (321) 449-9455
Fax: (321) 449-1055
michael.constantinide@alphamrc.com
www.alphamrc.com

WOSB • 8(m)



FPL

an FPL Group company
Recycled Paper

Florida Power & Light Company
9001 Ellis Road
W. Melbourne, FL 32904-1017
321 726-4946 Fax: 321 726-4944
tom_c_kunz@fpl.com

Thomas Kunz, C.E.M.
Manager, Key Accounts

ANDREWS FILTER
& SUPPLY CORP.

“FILTRATION & TECHNOLOGY FOR CLEAN AIR”

Steve McDougall

2309 Coolidge Ave. (407) 423-3310
Orlando, FL 32804 FAX (407) 422-3710
www.andrewsfilter.com TOLL FREE (800) 422-2309

Cleaver Brooks

W. Hugh Wilson

Thermal Tech, Inc.
6828 Hanging Moss Rd.
Orlando, Florida 32807
(407) 657-6360
Fax: (407) 657-6761

MetLife

Daniel Cruden
Financial Services Representative
Registered Representative

150 Interlachen Road
Melbourne, FL 32940

Tel (321) 610-9916
Fax (321) 255-7970
dcruden@metlife.com
www.danielcruden.com



Metropolitan Life Insurance Company (MLIC), New York, NY 10166
Securities offered by MetLife Securities, Inc. (MSI) (FRS&PFC) MLIC and MSI are MetLife Inc. companies

DYNATHERM RESOURCES, INC.

Commercial and Industrial
Air Conditioning Systems & Services
6101 Sabal Hammock Circle
Port Orange, FL 32128

Cell (386) 235-4744
(386) 756-1787
FAX (386) 760-0578

Todd Curlee email curleeman@mindspring.com

Advertise your company here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com

State Certified Mechanical Contractor
License #CMCO56676

Industrial & Commercial
Chilled Water Systems
Thermal Storage
Design Build

F.C.R. MECHANICAL CONTRACTORS, INC.

927 S. Ridgewood Ave Unit A-2
Edgewater, Florida 32132
Ph 386/428-2068 * Fax 386/426-8363

Frank Roberts
General Manager

CDE COMPANY

Cape Design Engineering Co.

Kannan Rengarajan, P.E., CEM
Principal

Tel: (321) 799-2970
Fax: (321) 799-0375
email: kannanr@cdeco.com
www.cdeco.com

191 Center Street, Suite 210
Cape Canaveral, FL 32920

DDC Engineering, Inc.

571 Haverly Ct., Suite U
Rockledge, Florida 32955
Phone 321.633.4522
Fax 321.633.4528
davedasilva@ddc-engineers.com

Consulting Engineering
(Mechanical/Electrical/Plumbing)
Over 10 years of design experience in:
Commercial Offices • Government Facilities
Education Facilities (K-12) • Industrial Facilities • Hotels
Restaurants • Condominiums • Health care • IAQ Studies

CMs Coastal Mechanical Services, LLC
Plumbing • HVAC • Mechanical Contractors

Gary A. Sturgill, PhD
Systems Engineer
Cell # 321-288-3120
email drsturgill@coastalmechanical.com

(321) 725-3061, ext 12 • Fax (321) 984-0718
394 East Drive • Melbourne, FL 32904
www.coastalmechanical.com

“Quality Through Customer Service”
CMC035444 -CBCP- CFC053950

Advertise your company here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com

Advertise your company here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com

SENSIBLE EQUIPMENT COMPANY INC.
INDOOR AIR QUALITY & HUMIDITY CONTROL
AIR CONDITIONING PRODUCTS

KENNETH L. EIERMANN, P.E.

Post Office Box 669 Phone (407) 296-8068
Orlando, FL 32733 Fax (407) 296-7420

“Latent Cooling Made Sensible”

Advertise your company here for \$75.

Advertise your company here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com

Io Engineers INC

DAVID K. POETKER, PE | PRINCIPAL
POETKER@IOENGINEERS.COM
CELL 321 501 4750

3000 N. VICKHAM RD. # 321 752 4949
SUITE 10 321 752 4948
MELBOURNE, FL 32935 # 321 752 4947

www.ioengineers.com

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com

JONES EDMUNDS

ENGINEERS | ARCHITECTS | SCIENTISTS

Proudly Serving the Space Coast 321 269-2950
www.jonesedmunds.com

For just \$75, you can advertise your company for one year in The Capsule. To advertise, contact Brian Blenis at (321) 633-3580, or e-mail him at blenisb@gmail.com.

Hall Engineering Group in Tampa, FL has a vacant Sr. Mechanical Engineer position. The company offers competitive salary, bonuses, and relocation reimbursement. For more information, [click here to visit the posting on ASHRAEJobs.com](#).

Support our sponsors! They support ASHRAE.

SIEMENS

Siemens Building Technologies, Inc.
Building Automation Division

4122 Metric Drive
Suite 100
Winter Park, FL 32792

Tel: (407) 851-0097
Fax: (407) 851-9055
harold.mcnamara@sbt.siemens.com
www.sbt.siemens.com

Harold M. McNamara
Account Manager

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



Doug Smith
Area Manager

Sales Office:
4117 Fairview Vista, #106 • Orlando, FL 32804
Tel 407/292-4399 • Cell 407/310-4541 • Fax 407/294-1165
website: steril-aire-usa.com • e-mail: smit3192@bellsouth.net

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



Tom Barrow Company

...Delivering HVAC and Building Solutions

David Hanington
Sales Engineer

P (407) 291-0961
F (407) 295-9849
C (407) 493-9099
dhanington@tombarrow.com

Orlando Branch Office
1958 W. New Hampshire St.
Orlando, FL 32804
www.tombarrow.com

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



Michael K. West, PhD, PE

www.advantekinc.com mwest@advantekinc.com
P.O. Box 510504 (321) 733-1426 x31
Melbourne, FL 32951 Fax: (321) 733-1427

ENERGY • IAQ • HVAC • SEMP

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



Thermal Equipment Solutions, Inc.

Rob Williams

14365 E. Colonial Drive, Suite B-3, Orlando, FL 32826
Phone: 407.381.1616 • Fax: 407.381.1595
E-mail: rob@tesl-fla.com
www.tesi-fla.com

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



FLORIDA HYDRONICS, INC.

366 Melody Lane Fax# (407) 834-5699
Casselberry, FL 32707 Car Phone (407) 222-7058
Phone (407) 834-9600 Beeper 526-2118
FL WATS 1-800-822-7800

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com

Pete McDonough
Account Manager New Systems Sales
Central and North Florida

Kelly Stokes
System Sales Engineer

2301 Lucien Way, Suite 430
Maitland, FL 32751
Office: 407 660 1111
Fax: 407 660 0303
Direct: 407 551 1192
PMcDonough@trane.com

A business of American Standard Companies



**Thermal Systems
Balancing, Inc.**



Curtis W. Smart
President

THERMAL SYSTEMS BALANCING, INC.

NEBB Certified Air & Hydronic Balancing
Sound Testing HVAC Systems Commissioning

2485 Jen Drive, #5 5771 Mining Terrace, #202
Melbourne, FL 32940 Jacksonville, FL 32257
(321) 242-0085 (904) 260-4302
Mobile: 321-288-0237 Fax: 866-280-0540 E-Mail: curtisws@tsbi-fl.com

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



**Florida Mechanical &
Air Conditioning, Inc.**

ROBERT D. KELLEY
Vice President

(407) 275-6750
P.O. Box 677518 Fax (407) 275-3792
Orlando, FL 32867 e-mail FMAC83@aol.com

Advertise your company
here for \$75.

Contact Brian Blenis
(321) 633-3580
blenisb@gmail.com



822 MARY'S PARK PLACE
WINTER GARDEN, FL 34787-5706
PHONE: 407-877-7000
FAX: 407-877-8691
WWW.DPIEPER@SRSALESINC.COM

DEAN C. PIEPER, JR.
CELL: 407-353-4918

For just \$75, you can advertise your company here.
To advertise, contact Brian Blenis at (321) 633-3580, or e-mail him at blenisb@gmail.com.

Have a job opportunity to publicize?
Submit your job vacancy information for next month's issue of The Capsule by e-mailing
SpaceCoastASHRAE@gmail.com.

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.

In fulfilling the mission, ASHRAE's vision is to be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning, and refrigerating.

Chapter Past Presidents

Harry C. Fischer	1980-1981
Lyle Houser	1981-1982
Raymond E. Patenaude	1982-1983
Larry Curvin	1983-1984
Alan Sanford	1984-1985
Marvin Yarosh	1985-1986
Omar Hancock	1986-1987
Hardy Moore	1987-1988
James Poulin	1988-1989
Bernard Moltz	1989-1990
Henry Healy	1990-1991
Carter Quillen	1991-1992
Brian Curtin	1992-1993
Don Shirey III	1993-1994
Mosby West	1994-1995
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
Phillip Thomas	2006-2007
Laing Conley	2007-2008
David Poetker	2008-2010
Kevin Messer	2010-2012
Jeanne Duce	2012-2013

ASHRAE Space Coast Chapter is on the web!

Website:

www.SpaceCoastASHRAE.org

LinkedIn:

www.linkedin.com/in/SpaceCoastASHRAE

Facebook:

www.facebook.com/ASHRAESpaceCoast

Twitter:

www.twitter.com/SCashrae

2013-2014 Space Coast Chapter Leadership

Chapter Officers & Board of Governors

President

Scott Seigel, PE, LEED AP, CEM, CxA, OPMP
(847) 224-0134
scott.seigel@siemens.com

President-Elect

John Constantinide, MS
(321) 449-9455
john.constantinide@alphamrc.com

Vice President

Opportunity available.
Apply by e-mailing Scott Seigel.

Secretary

Jim Van Etten
(407) 900-1827
jim@vc-solutions.com

Treasurer

Brian Blenis, PE, CEM, CBCP, LEED AP
(321) 726-4948
blenisb@gmail.com

Governor & Past President

Jeanne Duce, PE
jduce@brph.com

Governor

Kevin Riley, PE, CEM
kriley9386@bellsouth.net

Governor

Kevin Messer
kmesser@hvac.me.com

Governor

Phillip Thomas, PE
philipt@cdeco.com

Chapter Committee Chairs

Programs

Dan Evans
enthalpy@bellsouth.net

Membership Promotion & Newsletter Editor

John Constantinide, MS
john.constantinide@alphamrc.com

Resource Promotion

Rob Williams
rob@tesi-fla.com

Young Engineers in ASHRAE

Jeanne Duce, PE
jduce@brph.com

Student Activities

Opportunity available.
Apply by e-mailing Scott Seigel.

Grassroots Government Activities

Scott Seigel, PE, LEED AP, CEM, CxA, OPMP
scott.seigel@siemens.com

Historian

Opportunity available.
Apply by e-mailing Scott Seigel.

Refrigeration

Phillip Thomas
philipt@cdeco.com

FIT Endowment

JD Van Gilder
jvangild@harris.com

Honors & Awards

Opportunity available.
Apply by e-mailing Scott Seigel.

Website Manager

Chuck Danielson
c.danielson@fldist.com

Social Media Manager

Opportunity available.
Apply by e-mailing Scott Seigel.

CCTS Representative

Opportunity available.
Apply by e-mailing Scott Seigel.