



The Capsule

Newsletter for the Space Coast Chapter of ASHRAE

April 2014 Issue

Message from the Chapter President

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

March arrived with a roar and departed like a stampede of wild horses. On March 1, the Mrs. and I were in Washington, DC meeting with our country's leaders while our Chapter President-Elect, John Constantinide, held the proverbial fort down here at home. While in DC, it snowed; therefore, the city shut down, and all government employees went home with pay (not kidding). Taxis were allowed to charge an extra \$15 a cab ride, because it was considered a snow day. I thought snow days meant you could stay home from school. My conference went on as scheduled at the Washington Convention Center. Since when does 6 inches of snow stop engineers from meeting? It apparently stops Congress from working.

I was told our March student presentation was fantastic, and the dinner was good. Turnout was atypical for the Palm Bay ASHRAE Engineering crowd, which makes me believe that we should have more meetings down south. April's Speaker is Joe Souza, who by chance is also the Florida West Coast Chapter President-Elect. His topic will be Variable Refrigerant Flow (VRF) Systems. I expect you to be there, because I will actual be there. Unbelievable...huh? Knowing Joe for quite a while, I know we will all learn something new.

As for March going out like a stampede, last week I received a letter from the ASHRAE President requesting that I become the RVC GGAC for Region XII. It is quite an honor having the support of DRC Jennifer Isenbeck, Past DRC ASHRAE Fellow Ross Montgomery, and the entire Space Coast Chapter. Thank you.

(Continued on next page.)

In this issue

- 2 Chapter Nominations
- 3 Chapter Golf Tournament
- 4 ASHRAE Webcast

Coming up

April Technical Meeting
Tues., Apr. 8, 5:30 pm Networking &
6:00 pm Presentation/Dinner,
Tuscany Grille ([Click here for map.](#))

Chapter Golf Tournament to Support
ASHRAE Research, Fri., May 9, 11:30
am Lunch & 12:30 pm Golfing, Duran
Golf Club ([Click here for map.](#))

May Technical Meeting
Tues., May 13, 5:30 pm Networking &
6:00 pm Presentation/Dinner,
Tuscany Grille ([Click here for map.](#))

Membership Promotion

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

March's meeting at Memaw's BBQ featuring an FIT Senior Design Project team was both engaging and fun. Special thanks to Matthew Walsh, ASHRAE FIT Student Branch President, for arranging the presentation with his team and Dr. Ronnal Reichard, the FIT Senior Design Coordinator.

As I am transitioning into the Chapter President role, I would like to advertise the vacancy for the 2014-2015 Membership Promotion Chair. This position is a great opportunity to increase your visibility and network with ASHRAE engineers and technicians. If you are interested in the position for the 2014-2015 term, please email me at john.constantinide@alphamrc.com.

Nominations

Our Chapter Nominations Committee is taking nominations for the following Board of Governors positions:

- President-Elect;
- Vice President;
- Secretary;
- Treasurer; and
- Governor (3 positions).

Serving on the Space Coast Chapter Board of Governors is a great honor, opportunity to advance to the Region XII level, and network with ASHRAE members regionally and nationally. For more information or to add your name for consideration, e-mail SpaceCoastASHRAE@gmail.com.

Student Activities

Lend FIT your time and expertise to serve as a judge at the Senior Design Showcase held at the FIT campus on Friday, April 18. Judging lasts from 10:00 a.m. until 3:30 p.m., with complimentary breakfast and lunch provided.

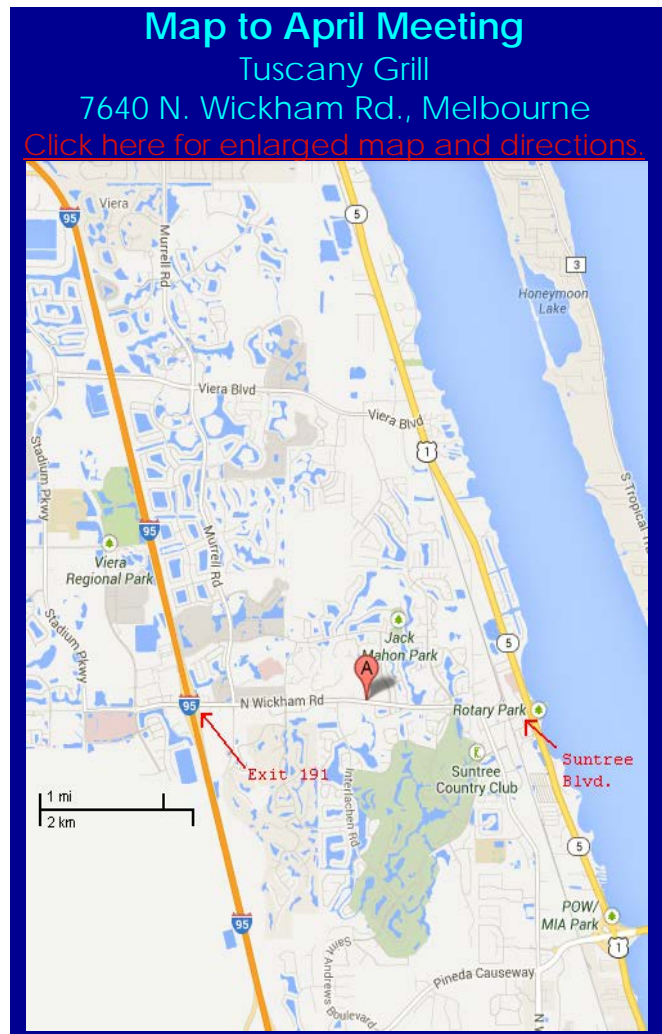
Last year, more than 100 engineering, science and mathematics projects were exhibited at the showcase. The event was a huge success, thanks in part to over 100 professionals, like you, who served in the critical capacity as showcase judges.

If you have questions or would like to register as a judge, please send an e-mail to Shelley Johnson at shelley@fit.edu. Registrations are due by Friday, April 4.

(President's Message continued from first page.)

The past few weeks, I have been working at the Corpus Christi Army Depot (CCAD) which, if you didn't know... is where they refurbish about every type of Army helicopter there is, and they do it cheaper and better than their civilian counterparts. There is an extreme amount of pride in these mostly veterans who perform the labor intensive work day in and day out. As an engineer reviewing the complex process, I feel like a little kid in a candy store. I have to temper my excitement picking one complex system at a time to analyze in a 1.3 million square foot facility. The process and building systems all seem to blend together. It is the most complex, challenging building in which I have ever been confronted. Living the dream, as a friend once told me.

Don't forget to register for the Space Coast ASHRAE Golf Tournament coming up May 9th at Duran. (See form on next page.) Your handicap supports ASHRAE Research and helps Rob Williams out immensely. So please, help Rob Williams out and register for the Golf Tournament. And, don't forget to be a Hole Sponsor!





22nd Annual Golf Tournament

To Support ASHRAE Research

Friday, May 9th, 2014, 11:30 am to 5:30 pm

Duran Golf Club, 7032 Stadium Pkwy, Melbourne, FL 32940

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ E-mail: _____

Name(s) of Participants:

1. _____ 2. _____

3. _____ 4. _____

Single Golfers: _____ at \$125 each Hole Sponsor: _____ at \$150 each

Team of Four Golfers and Hole Sponsor Package: _____ at \$600 each

Total: \$ _____

I cannot attend, but I would like to make a contribution of \$ _____ to ASHRAE Research.

[Click here to pay by PayPal.](#)

Registration deadline is Thursday, May 8th, 2014.

Payment options not using PayPal:

1. Mail your payment and registration form to:
Rob Williams c/o Thermal Equipment Solutions, Inc.
14365 E. Colonial Dr., Ste. B-3, Orlando, FL 32826.
2. Mail your payment and e-mail your registration form to Rob at rob@tesi-fla.com.

Make your checks payable to **Spacecoast ASHRAE.**

Hole sponsors can e-mail their company logos and information to Rob Williams.

Would you like to donate a tournament door prize?
If so, please contact Rob by e-mail or by phone at (407) 381-1616.

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.

Steve McDougall

"FILTRATION & TECHNOLOGY FOR CLEAN AIR"

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

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

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

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

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

"Quality Through Customer Service"
CMC035444 -CBCP- CFC053950

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.

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

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

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

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

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

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

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.

Get 3 PDHs, 3 AIA LUs, and 3 GBCI CEs with the upcoming ASHRAE Webcast.

Thursday, April 17, 2014, 1:00 pm to 4:00 pm EST | Topic: Buildings in Balance – IEQ and Energy Efficiency
Register for this webcast and add the event to your Outlook calendar by going to www.ashrae.org/IEQwebcast.

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) 295-8849
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 West, PhD, PE
Principal Systems Scientist
mike.west@advantekinc.com

Atlantis Professional Center
2194 Highway A1A, Suite 210
Indian Harbour Beach, FL 32937
(321) 733-1426 x3
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



JIMMY WILSON

FLORIDA HYDRONICS, INC.

366 Melody Lane
Casselberry, FL 32707
Phone (407) 834-9600

Fax# (407) 834-5699
Car Phone (407) 222-7058
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



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

Kelly Stokes
System Sales Engineer



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
Melbourne, FL 32940
(321) 242-0085

Mobile: 321-288-0237 Fax: 866-280-0540

5771 Mining Terrace, #202
Jacksonville, FL 32257
(904) 260-4302
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

P.O. Box 677518
Orlando, FL 32867

(407) 275-6750
Fax (407) 275-3792
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 for one year in The Capsule.
To advertise, contact Brian Blenis at (321) 633-3580, or e-mail him at blenisb@gmail.com.

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

John Constantinide, MS
john.constantinide@alphamrc.com

Research Promotion

Rob Williams
rob@tesi-fla.com

Young Engineers in ASHRAE (YEA) & Historian

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

Refrigeration

Phillip Thomas, PE
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

Badge Dude (Reception)

Kevin Riley, PE, CEM
kriley9386@bellsouth.net

Social Media Manager

Opportunity available.
Apply by e-mailing Scott Seigel.

CCTS Representative

Opportunity available.
Apply by e-mailing Scott Seigel.