| MEETING NOTICE: | Bob Baker, RGB Group  
**Topic to be announced at a later date** |
|---------------|----------------------------------------|

**Wednesday**  
**January 19, 2010**

**LOCATION**
Gregory’s Steak & Seafood Grille  
900 N Atlantic Ave.  
Cocoa Beach, FL 32931  
(see map this page)  
[www.gregorysonthebeach.com](http://www.gregorysonthebeach.com)

**TIME**
- BOG Meeting  4:30 p.m.  
  (All members Welcome)
- Social    5:30 p.m.
- Dinner   6:00 p.m.
- Main Program 6:30 p.m.

**COST**
- Members  $25.00  
- Guests  $25.00  
- FIT Student Members  **FREE**

**RSVP BY**  
NOON, Monday, January 17th

Kevin Messer  
407-850-0147, ext. 416  
[k.messer@fldist.com](mailto:k.messer@fldist.com)

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**President’s Message**  
**By Kevin D. Messer**

Greetings Members and Guests!!!

Merry Christmas and Happy Holidays to you all, I hope you have a safe and fun time with family and friends!

If you missed our meeting earlier this month you missed a fantastic tour and presentation of the newly completed chiller plant at the Florida Institute of Technology. It was hosted by Gretchen Sauerman of FIT, Wesley R. Kihlmire, Project Manager with Siemens Co., and Josh O’Born of Enthalpy Engineering. They gave us an overview of the project along with the design considerations and changes that came about as the project progressed. We then walked the short walk from the library to the plant itself and poked around. Thanks again to Gretchen and Wesley for arranging and providing a glimpse into your project!

As we enter this holiday season I think it is important to take a look back at our successes and also where we fell short. We can learn a lot from this process if we take the time to do it. As a chapter we have really fallen on difficult times as far as volunteerism goes. Please, as you make your plans and goals for the new year won’t you consider helping out your local chapter. I know many of you have given a lot of your time in the past and I appreciate that. This year, we have four new members that have volunteered their time to be involved, however that does not give us enough to form a complete board. We are still in need of someone to take over Research Promotion, Vice President, and President Elect. Please, if you have been involved in any capacity in the past can you please come out and help us for the last half of the year, and maybe into next?

It also appears that the CRC has been moved from Brazil to Costa Rica. Please find the flyer regarding that in this newsletter.

I look forward to seeing you all again next year.
2010-2011 Calendar

Sept. 15 - Monthly Meeting
Infection Control Risk Assessment 101: Understanding the Basics of Liability & Risk During Healthcare Construction
Ms. Marlene Linder
ASHRAE Distinguished Lecturer

Oct. 20 - Monthly Meeting
Student & YEA Night
The Shuttle Columbia Thermal Protection System Analysis
Ms. Ann Miklos, NASA Speaker

Nov. 17 - Monthly Meeting
Investigating Solutions to Wind Washing Issues in 2-Story Florida Homes: Phase I
Mr. James Cummings, Florida Solar Energy Center

Dec. 8 - Monthly Meeting
FIT Chiller Plant Tour

Jan. 19 - Monthly Meeting
Mr. Bob Baker, RGB Group

Jan. 29–Feb. 2 - Las Vegas, NV
ASHRAE Winter Meeting

Feb. 15 - Orlando, FL
Joint Meeting with Central FL
Ron Jarnagin - President-Elect of Society

Mar. 16 - Monthly Meeting
Student Night
Business Communications
Dennis Matula, Principle, DesignPLUS, Inc

Mar. 18 - Golf Tournament
19th Annual Spacecoast ASHRAE Golf Tournament, Duran Golf Club, Viera, FL

Apr. 20 - Monthly Meeting
Membership Promotion

May 18 - Monthly Meeting
Research Promotion Recognition
Past Presidents’ Night

Jun. 25-29 - Montreal, Canada
ASHRAE Annual Meeting

Aug. 18-20 - Rio de Janeiro, Brazil
2011 Region XII CRC
Hosted by Brazil Chapter

Student Activities Update
James Woodard, Student Activities Chair

The FIT Student Chapter officially has 10 members and is actively seeking more every day. The current student chapter members are very enthusiastic about the HVAC/Sustainability industry as evidenced by their purpose to make their campus peers more aware of the industry. The student chapter recently acquired an old Satellite which has been named the “Solar Death Ray”. The students will use the Solar Death Ray at school events as advertisement and to demonstrate how valuable renewable energy can be. The student chapter suggested that the university have Autodesk REVIT installed, and as a result REVIT will be installed in the spring on 4 computers in one of the schools engineering labs.

Currently, the Space Coast Chapter is trying to send 2 students to the ASHRAE Winter Conference in Las Vegas, NV. The knowledge the students will gain will be unmatched as the students will interact with real world issues in the HVAC industry. The Winter Conference takes place on Jan 28th – Jan 31st 2011. The student chapter is seeking any donations to help them get to Las Vegas. The students will give a brief summary of the trip at the Chapter meeting after they return. Thank You in advance for your help!

Photos from the FIT chiller plant tour...
Support Our Sponsors... They Support ASHRAE
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New! ASHRAE pencil & paper certification exams

New for the 2011 ASHRAE Winter Conference

Reduce travel costs by:
Attending the ASHRAE 2011 Winter Conference
Receiving training from the ASHRAE Learning Institute
Earning an ASHRAE certification.
All in one convenient location!

Take advantage of ASHRAE’s special pencil & paper administration of the certification examinations on Wednesday, February 2, 2011. All exams will begin at 9:00 a.m. (candidates must report to the testing room at 8:30 a.m.). These exams are being offered in conjunction with the 2011 ASHRAE Winter Conference in Las Vegas, Nevada.

- Building Energy Modeling Professional (BEMP)
- Commissioning Process Management Professional (CPMP)
- Healthcare Facility Design Professional (HFDP)
- High-Performance Building Design Professional (HBDP)
- Operations & Performance Management Professional (OPMP)

For more information on the ASHRAE 2011 Winter Conference, please visit, www.ashrae.org/lasvegas.

No Onsite Registration & Seating is Limited!

From The Editor
The Capsule is published by the Spacecoast Chapter of the American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission of the chapter.

Articles, letters and comments for the next Capsule are due to the Newsletter Editor by Monday, November 29th. Send material to:
Kevin Messer
407-615-9197
Email: k.messer@fldist.com

Spacecoast Chapter Homepage
- http://www.spacecoastashrae.org

Central Florida Chapter Homepage
- http://www.ashrae-cfl.org

ASHRAE Homepage
- http://www.ashrae.org

ASHRAE Region XII Homepage
- http://www.ashraeregion12.org

About ASHRAE
MISSION
To advance the arts and sciences of heating, ventilating, air conditioning, refrigerating to serve humanity and promote a sustainable world.

VISION STATEMENT
ASHRAE will 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.

Spacecoast ASHRAE
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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..............1997-1998
Bill Ruppert..............1998-1999
Kannan Rengarajan......2000-2001
Jade Rynkows..............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.............2008-2009
David Poetker.............2009-2010

Please Help our chapter by paying your chapter dues when you renew!! Our monthly meetings depend on it.
Region XII CRC 2011—Goes to Costa Rica

CRC will take place August 10-13th, 2011 in San Jose, Costa Rica

The Florida West Coast Chapter is very pleased to announce that we will be hosting the 2011 August Chapters Regional Conference at our Section in San Jose Costa Rica. A variety of logistic and economic factors have resulted in postponing our conference in Brazil to some future date. However, the opportunity has presented itself to host the conference in beautiful, diverse Costa Rica. The hotel will be in the capital of Costa Rica, but there will be opportunity to travel and experience the 12 microclimates. The country is about 200 miles wide so there is opportunity to go coast to coast, visit a volcano or extend into the clouds at 12,000 ft. This is just a brief introduction—read more below.

Proposed Agenda

**Wednesday, August 10, 2011**

6:30 PM – 8:30 PM | Welcome Reception

**Thursday, August 11, 2011**

10:00 AM – 6:00 PM | Registration
8:00 AM – 11:00 AM | Caucus Region XII
11:00 AM – 12:00 PM | Executive Session/Orientation
12:15 PM – 2:00 PM | Presidential Lunch
2:30 PM – 6:30 PM | Technical Session
7:30 PM – 10:00 PM | Dinner (Sponsor Rec. & Awards)
10:00 PM – ??? | Hospitality Suite

**Friday, August 12, 2011**

8:00 AM – 6:00 PM | Registration
8:30 AM – 12:00 PM | Business Session I
12:15 PM – 2:00 PM | Awards Lunch
2:15 PM – 6:00 PM | Business Session II
3:00 PM – 6:00 PM | Hospitality Suite
6:30 PM – 7:30 PM | YEA Hospitality Hour
7:00 PM – 11:30 PM | Dinner on Own/Groups
10:00 PM – ??? | Hospitality Suite

**Saturday, August 13, 2011**

7:30 AM – 9:00 AM | Registration
8:30 AM – 12:00 PM | Concurrent Committee Workshops
                    | Membership/YEA/H&A
                    | CTTC/Programs/Refrigeration
                    | Student Activities/History
                    | Research
12:30 PM – 5:00 PM | Hospitality Suite

Information about Costa Rica

The Republic of Costa Rica, meaning “rich coast”, is approximately 0.25% of the world’s landmass (the size of West Virginia), it contains 5% of the world’s biodiversity and almost one quarter of the country’s land is protected national parks. Even though Costa Rica abolished its Army in 1949, the democratic government is run similar to US (three branches) and has its first female President, Laura Chinchilla. About 94% of the population is European decent (whites or mestizos), the literacy rate is 94% and has consistently highly ranked throughout the world for democracy, low poverty and is #1 in the America’s for Environmental Performance. The main cash crops are bananas, pineapples and coffee. Read below for interesting facts about Costa Rica’s Energy.
We're on the Web!

www.spacecoastashrae.org

2010–2011 Spacecoast Chapter Leadership

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Secretary  Chuck Danielson
Treasurer  Brian Blenis, PE
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Governor  Philip Thomas, PE
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Governor  Kevin Riley, PE
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Governor  Curtis Smart
            curtisus@tsbi-fl.com
Governor  Richard Naismith

Committee Chairs

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YEA & Student Activities  James Woodard
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Government Activities  VACANT
Research Promotion  Kevin Messer (filling in)
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Refrigeration  Scott Seigel, PE
            David W. Johnson
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Publicity  VACANT
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