



Newsletter
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October's Topic:

Green Energy Engineering
Guest Speaker: Eric H. Coffin - Reg. PE - FL

How would you like to reduce your electric bill, save energy, reduce your carbon footprint, make an informed investment, and save the Earth? This presentation will instruct how to conduct a self audit of your own residential air conditioner which accounts for over 50% of your annual electric bill.

Green Energy Engineering focuses on the development of alternative energy projects that can reduce your carbon footprint by decreasing energy consumption. These solutions are cost effective, innovative and can be customized to your specific process requirements.



Eric Coffin is currently the president of Green Energy Engineering. He has experience with companies such as Proctor and Gamble, Electric Fuels and Florida Power Corporation working mainly on energy projects and thermal process control. Eric Coffin is a Certified Energy Manager. Eric Coffin is also a Professional Engineer and is a Continuing Education provider for many states, including Florida. He has his Bachelor's degree in Mechanical Engineering and has performed extensive graduate work in thermal processes and Process Control.

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Spotlight Presentation

Laura Mastrangelo of Snively Elementary will report on what they have accomplished with the AICHE Grant they received last spring.

Sponsor for the month of October

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Meeting Notice

Tuesday, October 13, 2009

Social - 6:30 until 7:15 PM	Directions: On South Florida Avenue, One mile south of Polk Parkway Expressway
Dinner- 7:15PM	
Location: Imperial Swan Hotel	Cost: \$15.00 Per Person
Please RSVP by October 9, 2009	Make Check Payable to: AIChE Central Florida Chapter
To: reservations@aiche-cf.org	Or call Bruce Wiggins at (863) 669-2136

If you are interested in sponsoring or presenting a paper at our monthly meetings or in Clearwater, please contact Chair Bob Andrew at chair@aiche-cf.org or Vice-Chair Francine Bellafaire vice-chair@aiche-cf.org.

Upcoming Events

The 24th Annual Regional Phosphate Conference

“Florida Phosphate & Mining – Growing Together”

Wednesday, Oct. 14, & Thursday, Oct. 15, 2009

- ◆ Sponsored by SME – AIChE – AIPG – AFPC– FIPR
- ◆ At the Lakeland Center in Lakeland, Florida

Click here to register

<http://secure.fipr.us/2009Registration/RegistrationForm.html>

- A spirit of collaboration is evident in phosphate and other mining industries in Florida during this time of economic challenges. Now more than ever, the current emphasis in Florida phosphate is on “doing more with less” and heightened cooperation amongst all industry sectors. This year’s conference theme, “Growing Together,” represents the innovative scientific efforts within each aspect of fertilizer production that ultimately result in the efficient growing of food crops.

The key topics that will be discussed during the opening session, keynote address, and six technical sessions are:

- Process efficiency through technological advances
- Better land management methods
- Co-product recovery and use
- Water and energy conservation techniques

Meeting Schedule for the Upcoming Year
Mark These Dates on your Calendars Now



Date	Program	Host
October 13, 2009	Green Energy Engineering	Central Engineering
November 10, 2009	SFWMD Water Update	Hudson Pump & Equipment
December 4, 2009	AIChE/EWC Social at Lakeland Yacht Club	AIChE/EWC
January 12, 2010	USF College of Engineering-Research	Penn Pro, Inc.
February 19, 2010	Engineer's Week Banquet	Tampa Bay Engineers Week
March 9, 2010	Speed Networking and Dining Etiquette	TBA
April 13, 2010	College Night/Scholarship and Teacher Awards	CECO Filters
June 11-12, 2010	34 th Annual Clearwater Conference	AIChE

Newsletter Sponsorships

If you are interested in advertising in the newsletter, it costs \$100.00 to advertise in all the issues this year. Your company's ad will also appear on the AIChE Central Florida website. Contact Nicole Christiansen at secretary@aiche-cf.org for questions regarding advertising.



Elementary / Middle School Grants

Each year the Central Florida Section of the American Institute of Chemical Engineers provides grants to elementary and middle schools in Central Florida to assist in projects which will enhance the study of math and science. This is done to encourage students who have the potential to become engineers in the future.

The grant request should provide the cost of equipment, supplies and other expenses which are needed to carry out a well thought-out project. The goal is to provide educational opportunities which would otherwise not take place. In the past, the applications have come mainly from Polk County, but **AIChE Central Florida encourages all central Florida schools to apply for the 2009-2010 grants**. Awards have typically ranged from \$500 to \$2,000.

The grants will be judged on originality, benefits versus cost, implementation plan and value to the students. A description of the project on the application form shall be sent to:

AIChE

c/o Neil Greenwood
 5321 Glenmore Drive
 Lakeland, FL 33813

e-mail: neil.greenwood@earthlink.net
 fax: 863-665-7534

Grant applications are to be received by Oct. 16, 2009 for awarding in the 2009-10 school year.

AIChE Fall Online Career Fair

The [AIChE Fall Online Career Fair](#) is coming to you: no standing in line at job fairs or searching for jobs on open web boards. You won't miss any critical content at the Annual Meeting! We'll bring the employers and job opportunities to you at the AIChE Fall Online Career Fair. Upload your resume today to participate in the...

- a. Professional Online Career Fair October 26 and 27, 2009
Student Online Career Fair October 28 and 29 2009
- b. **Jobseekers**, it's simple to [register](#) so upload your resume today to let employers know you are interested in making an appointment for an interview.
- c. **Employers** please register [here](#) for the AIChE Fall Online Career Fairs and we'll connect you with talented ChemE professionals and undergrad candidates from the job source you know you always find the very best: AIChE's CareerEngineer.
- d. We hope that you and many members of your section will be able to join us in Nashville for the [AIChE Annual Meeting](#). Please be sure to share the information on the [Career Management Sessions](#) that will be held – essential for today's economy.

Let's Give Students a Brighter Future!

The Great American Teach-In

Wednesday

November 18, 2009

Come talk about your job or hobby and set a good example!

Speakers are needed for Kindergarten through 12th grade and Technical Centers in all counties.

For Hillsborough County

Please contact the public school of your choice by November 11, 2009.

Ask for the Teach-In Coordinator. If you do not have a specific school, please contact:

813.872.5254

For Polk County

Please contact the Community Involvement office at **863-534-0818**

to register as a Great American Teach-In volunteer

For Other Counties

Please check with the local school board or individual schools for more details

For Private Schools

Please contact the schools directly

AIChE Central Florida Section 2009/2010 Officers & Board Members

Chairman: Bob Andrew	Hudson Pump	(863) 665-7867	chair@aiche-cf.org
Vice Chairman: Francine Bellafaire	Mosaic	(813)672-6467	vice-chair@aiche-cf.org
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Secretary: Nicole Christiansen	Mosaic	(813) 781-0073	secretary@aiche-cf.org
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Social Co-Chair: Teresa Lucardie		(863)559-7591	tlucardie@msn.com
USF Student Liaison: Sandy Pettit	USF	(727)744-8548	college@aiche-cf.org
Teacher of the Year: Jerrika Rice	Mosaic	(863)817-3832	Jerrika.Rice@mosaicco.com
School Grants: Neil Greenwood	Retired		Neil.Greenwood@earthlink.net
Member at Large: Holland Thompson	Mosaic	(863) 559-1293	Holland.Thompson@mosaicco.com
Past Chair / Website: Neisy Ellis	Mosaic	(863)559-7591	Webmaster@aiche-cf.org