



# *The Western Palmetto Informer*

American Institute of Chemical Engineers

March 2011

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## Contact Information

Visit our website:

<http://wsc.aiche.org>

Email us at:

[sec@wscaiche.org](mailto:sec@wscaiche.org)

## February Meeting Thank You

WSCAICHe would like to extend a thank you to John Warner III of InnoVenture for his wonderful presentation on "Creating the Future: Scouting for and Incubating Game Changing Opportunities all Around You". John's presentation helped us learn how to tap into the opportunities from the extraordinary people around us. It was thoroughly enjoyed by all.

## NEXT MEETING

### March Meeting: "Wicked Cool Excel Magic Tricks and Macros"

Have you ever wondered if a particular calculation could be done in Excel? The answer is almost certainly yes but the more important question to ask is whether you should be doing it in Excel at all. This talk will present techniques that will expand your "bag of tricks" when it comes to applying Excel to problems and hopefully give you guidance on when Excel is not the appropriate tool to use.

Topics covered include:

- Advanced formatting
- Excel as a database
- Data mining with pivot tables
- Security
- Debugging
- Introduction to Macros

Fred Weber is a Senior Process Engineer at Process Engineering Associates, based in Oak Ridge, TN. He is a chemical engineer (Ph.D., University of Minnesota, 1982) with 30 years experience in engineering education, where he researched the incorporation of new technologies into chemical engineering education. Other research interests included expert system design, life cycle assessment, radiation chemistry, as well as the design and operation of nuclear processes. He is currently working on modeling various parts of the new Y-12 Uranium Processing Facility (UPF).

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## MARCH MEETING SUMMARY

**TOPIC:** Wicked Cool Excel Magic Tricks and Macros

**SPEAKER:** Mr. Fred Weber, Process Engineering Associates

**DATE:** Tuesday, March 8, 2011

**TIME:** 6:00 PM Social  
6:30 PM Dinner  
7:00 PM Presentation

**LOCATION:** **Hilton, Greenville**  
45 West Orchard Park Drive  
Greenville, SC 29615-3548

**DIRECTIONS:** I-385 @ Haywood Road Exit #39.

**COST:** \$10 for Members  
\$15 for Non-members  
Free to Attend Presentation Only

Please reply to Secretary Alan Vibber at [sec@wscaiche.org](mailto:sec@wscaiche.org) by Friday, March 4, 2011.

Note that the dinner portion of the meeting is not mandatory. Arrive by 7:00 pm if you want to attend the presentation without dinner.

**Only RSVP if you plan to dine with us.**

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## 2010-2011 Calendar of Events

DATE	LOCATION	TOPIC
8 Mar 2011	Hilton	<i>Dr. Fred Weber</i> - "Wicked Cool Excel Magic Tricks and Macros"
29 Mar 2011	Carolina First Center	Science Fair Judging for the Greenville County Science Fair Dinner at 5:00. Judging begins at 5:30
12 Apr 2011	ReWa Mauldin Rd WWTP	Plant Tour of the ReWa Mauldin Road Waster Water Treatment Plant
TBA - May 2011	Fluor Field	Greenville Drive Baseball Game Social

*Active participation in professional societies as well attending our professional and technical presentations count towards Continuing Professional Competency requirements for Licensed Professional Engineers. Upon request, the Section Secretary can provide attendance verifications for this purpose to our members.*

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## Greenville County Science Fair

The WSAIChE is proud to support the Greenville County Science Fair. This year we are awarding three \$50 special awards to junior projects and one \$50 special award to a senior project, in addition to donating \$100 for a bronze level fair sponsorship. In addition donating the prize money, the WSAIChE also supports in the judging process.

Please contact Mike Thompson at michael.thompson@dayzim.com if you would like to participate as a judge.

The science fair will be held Tuesday March 29 at the Carolina First Center. Dinner starts at 5:00 PM with Special Awards Judging beginning at 5:30 PM.

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## Officer Nominations Needed

Feel a NEED TO SERVE and HELP OTHERS? Consider becoming a WSAIChE Officer! Due date for Officer Nominations will be at the April Plant Tour and elections complete by the May Social. Feel free to nominate yourself. All nominations are to be sent to the WSAIChE Secretary at sec@wscaiche.org.

You may nominate the following positions:

- Chair
  - Vice-Chair
  - Treasurer
  - Secretary
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## 2010-2011 Officers and Executive Committee

This is YOUR local section of the American Institute of Chemical Engineers. If you have ideas or concerns regarding operation of the WSAIChE OR if you're a member with a desire to serve, please contact any of the Officers or Executive Committee members listed below.

POSITION			
Chair	NAME	EMAIL	PHONE
Chair	Rick Vogel	rvogel1@hotmail.com	864-254-6474
Vice-Chair / Treasurer	Mike Thompson	michael.thompson@dayzim.com	864-940-6464
Secretary	Alan Vibber	sec@wscaiche.org	864-554-3906
Webmaster	Mohammad Fatayerji	mohammad.fatayerji@jacobs.com	864-283-2166

Other Executive Committee Members are: Mary Ferris, Eugene Gill, David Harshbarger & David Laursen.