



The Western Palmetto Informer

American Institute of Chemical Engineers

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Contact Information

Visit our website:

<http://www.wscaiche.org>

Email us at:

sec@wscaiche.org

November Meeting Thank You

WSCAICHE would like to extend a thank you to Mr. Fondren Rigsby of Cleaver Brooks and Mr. Graham Hobbs of C&C Boiler for presenting a wonderful presentation on boilers and boiler systems. This very informative presentation was attended by almost 40 people; including, explorer post high school students.

January Meeting: Heat Transfer in Industrial Gas Turbines



Please join us for Dr. Phil Caruso's presentation on the "Heat Transfer in Industrial Gas Turbines" on January 13th, 2009. Dr. Caruso will be providing a very interesting and interactive presentation regarding gas turbines. He is looking for outgoing volunteers to participate in his "live demonstration" of a gas turbine.

Phil has modeled the presentation to give this highly technical subject a non-technical delivery. We encourage you to bring family and friends.

Dr. Caruso is a Principal Engineer with GE Aviation and Energy, where he worked since 1988. His 20 year technical experience has focused on the design of gas turbine systems.

Phil received his Bachelor of Science in Mechanical Engineering from Northeastern University and his Master of Science and Doctorate from Purdue University. Dr. Caruso has an extensive resume centered on turbines and holds three patents related to turbines.

JANUARY MEETING SUMMARY

DATE: Tuesday, January 13, 2009
TIME: 6:00 PM Social
6:30 PM Dinner
7:00 PM Presentation
LOCATION: Hilton, Greenville
45 West Orchard Park Drive
Greenville, SC 29615
DIRECTIONS: I-385 @ Haywood Road Exit #39
COST: \$12 for Members (less \$5 instant rebate)
\$15 for Non-members
Free to Attend Presentation Only

Please reply to Secretary David Laursen at sec@wscaiche.org by Friday, January 9, 2009.

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.

Getting to Know...

In this recurring feature in the *Informer* we get to know our Section leadership and others who contribute to our profession. This month meet Ann Marie Jones, one of our Executive Committee Members.



Ann Marie Jones,
Executive Committee
Member

Ann Marie Jones has been an Executive Committee Member since completing her assignments as Vice Chair and Chair of WSCAIChE in 2004-2006. Ann Marie is a Principal Process Specialty Engineer in Fluor's Life Sciences Process Technology. A Chemical Engineer by training, with a BS from Rensselaer Polytechnic Institute, Troy, NY; she has been an engineer or team leader at Goodyear Tire and Rubber Company, MEMC, Bausch and Lomb, and at Fluor Corporation. Ann Marie enjoys designing, engineering and tackling the challenges they present.

Ann Marie is the creator and developer of Kids Engineering - Making it Matter, a Science Workshop for kids. For the past 3 years she has spearheaded and planned the programming; which the Western South AIChE has presented jointly with Fluor and other engineers at Roper Mountain Science Center for kids and teens, during National Engineer's Week.

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She is involved in her Church, is a Daughter of the King, is passionate about Girl Scouting; and has been a troop leader for the past 8 years. She received Outstanding Leader and Outstanding Volunteer awards from her local Girl Scout Service Unit in 2007/2008. Ann Marie is married; and her and husband John have two children, Craig a college sophomore and Kathy an 8th grader. She enjoys all types of creative hobbies and loves to spend time with her family. Lately they have done lots of travel with their daughter for Soccer.

2008-2009 Calendar of Events

| DATE | LOCATION | TOPIC |
|-------------|----------------------------------|---|
| 13 Jan 2009 | Hilton | Gas Turbines |
| 14 Feb 2009 | Roper Mountain Science Center | Second Saturday - Kids' Engineering Day |
| 17 Feb 2009 | Hilton | Clemson Speaker - <i>Topic to be announced</i> |
| 24 Mar 2009 | Hilton | How to Be a 21 st Century Global Citizen |
| 14 Apr 2009 | Milliken | Plant Tour |
| 15 May 2009 | 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.

Clemson Scholarship Reminder

This year, WSAICHE will again support the Chemical Engineering program at Clemson by offering a \$1,000 scholarship. The application is available on our Website – www.wscaiche.org. Applications should be complete by January 31, 2009.

2008-2009 Officers and Executive Committee

Many thanks to the continued efforts of those in providing leadership to our Section. Members with a desire to serve can contact any Officer or Executive Committee member.

| POSITION | NAME | EMAIL | PHONE |
|------------|---------------|--|--------------|
| Chair | Oren Webb | oren.webb@fluor.com | 864-281-8106 |
| Vice-Chair | Austin Crooks | austin.crooks@fluor.com | 864-281-4635 |
| Secretary | David Laursen | sec@wscaiche.org | 864-281-5981 |
| Treasurer | Rick Vogel | rick.vogel@fluor.com | 864-281-6702 |
| Webmaster | Eugene Gill | eugene.gill@fluor.com | 864-281-8627 |

Other Executive Committee Members are: Teresa Cheung, Mary Ferris, David Harshbarger, Ann Marie Jones, John Moore, and James Young.

Reminder: Roper Mountain Science Center - Second Saturday, February 14th KIDS ENGINEERING

For Engineering Day, February 14, 2009, we will again do our workshop entitled "Kids Engineering - Making It Matter" It will be again sponsored by AIChE and Fluor.

The activities to be covered will be:

1. Learn what Engineers do
2. Polymer Possibilities
3. Label Checks
4. Basic Facts
5. Make an electrical circuit
6. Make a block and tackle
7. Materials, Structures and Bridges
8. Computers in Engineering
9. Learn How Electricity gets to your house
10. Draw a floor plan of your house

These will fulfill requirements for Junior Girl Scout badge, **Making It matter**; and Webelos Cub Scout activity badge, **Engineering**.

We've averaged about 300+ kids for each of the last 3 years and know that everyone has had a great time. Please volunteer to help.