

2006-2007 Officers

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Treasurer: 864-281-5981	David Laursen david.laursen@fluor.com
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Other Executive Committee members, including former Chairs:

- ✓ Mary Ferris, Ann Marie Jones, John Moore, James Young

Gas eXpanded Liquids (GXLs)

Many thanks to our February meeting presenter, Dr. Christopher Kitchens, assistant professor in the Department of Chemical & Biomolecular Engineering at Clemson University. He shared his research on "Gas eXpanded Liquids (GXLs)". Dr. Kitchens discussed the properties of this new class of tunable solvents and explored the different types of applications in metallic nanoparticle processing, homogeneous catalysis reactions, and forest products biomass recovery.

Engineering Day - Roper Mountain Science Center

Engineering Day at Roper Mountain Science Center was held on Feb 10th. This event, "Kids Engineering – Making It Matter" Science Workshop was hosted by Western SC AICHE along with Fluor. A list of engineering activities was offered to allow Webelos Cub Scouts & Junior Girl Scouts to receive activity badges.

Meeting Notice

Many chemical engineers have launched their careers in automation and process control. Our next guest speaker, Mike Scott, P.E., CFSE, will provide an overview regarding the application and design of Safety Instrumented Systems per ANSI, ISA, and IEC requirements. His topic on "Safety Instrumented Systems – A How To Primer" centers on identifying Safety Function and determining Safety Integrity Level (SIL). The presentation will also underscore the importance of professional certification/licensure and introduce the Certified Functional Safety Expert organization to the audience.

Mr. Scott is a registered professional control systems engineer with over 18 years experience in instrumentation and process control design, DCS/PLC design, configuration, construction support, and plant commissioning of optical fiber, pulp & paper, chemical, liquefied natural gas, polymer and filtration processes. He is the co-chairman of the SP84 Working Group 6 sub-committee on Fire & Gas Systems. He is also an ISA member and Subcommittee Chairman for Burner Management Systems for the ISA Safety Division.

Mr. Scott is currently AE Solutions' VP of Process Safety. He co-founded AE Solutions in 1998.

DATE: Tuesday, March 13, 2007

TIME: 6:00 p.m. Social
6:30 p.m. Dinner
7:00 p.m. Presentation

LOCATION: Holiday Inn, Greenville
COST: \$ 12 Members, \$15 Non-members
Student AICHe Members - Free

Presentation only – Free... Please note that the dinner portion of the meeting is not mandatory. Arrive by 7:00 if you want to attend the presentation without dinner

DIRECTIONS: 4295 Augusta Road, I-85 @ Exit #46, Greenville, SC 29605.

Please reply to Secretary Rick Vogel by Friday, March 9th. sec@wscaiche.org

Only RSVP if you plan to dine with us

Clemson Scholarship Winner

We are pleased to announce Ms. Tara Hudak as our \$1,000 Clemson Scholarship recipient. The award was presented at our Feb. 20th meeting. We would also like to thank the following applicants for your participation in our Clemson Scholarship competition: Steven Loveless, Kristen McKenry, Timonthy McGuire, and Kaycie Smith. Our committee members have truly enjoyed reading your essays and we wish you the best of luck in your future careers!

Other Issues:

- Feel a **NEED TO SERVE** and **HELP OTHERS**? Consider becoming a WSCAIChE Officer!! Nominations for positions are due by the end of March. Feel free to nominate yourself. All nominations are to be sent to the WSCAIChE Secretary at sec@wscaiche.org.
- Remember to sign up for the May Social. Tickets for the Drive baseball game will go fast, so sign up before Tuesday, April 17th to get yours. Includes a reserved seat as well as the dinner/picnic before the game (a \$20 value)!! Cost is \$5 each for members/spouses/kids. Guest non-members are \$10 each. Payable to the Treasurer in advance by April 17th.
- We need volunteers to assist judging of the 53rd annual Greenville County and South Carolina Regional Science and Engineering Fair, from 5:30 – 8:30 PM, on Monday, March 19th.

DATE	LOCATION	TOPIC
13 March 07	Holiday Inn Greenville	Safety Analysis
30 March 07	Officer Nominations are DUE to the WSCAIChE Secretary	
17 Apr 07	Air Products Plant Tour	Adhesives & Emulsions
17 Apr 07	Pay for May Social Tickets	
30 Apr 07	Close balloting for Officers	
18 May 07	West End Field	Social - Drive Baseball Game



AICHe
c/o Secretary Rick Vogel
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RETURN SERVICE REQUESTED