

2006-2007 Officers

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Other officers on the Executive Committee are the following former Chairs:

❖ **Mary Ferris, Ann Marie Jones, John Moore, James Young**

Clemson Scholarship:

This year our Section will again support the Chemical Engineering program at Clemson University by offering a \$1,000 scholarship to a junior year student. Details and applications are available at our website, wscaiche.org, with this mailing and at the January meeting. Applications must be completed by January 31st.

Hydro-Power Production:

We thank our presenter, Mr. Virgil Hobbs, Hartwell Project Operations Manager, who shared his experience on "Environmental Challenges for a Sustainable Water & Energy Future". Mr. Hobbs provided an overview of the engineering services provided by the US Army Corps of Engineers and specifics of Hartwell and Strom Thurmond Dams.

The U. S. Army Corps of Engineers is a world pioneer in providing environmental conditions which support fish populations above and below these dams. Hobbs explained turbine modifications which allow water oxygenation with only a small decrease in turbine efficiency. A hydropower plant tour has been suggested for inclusion in next year's agenda.



Meeting Notice

We are excited to have Dr. Osman Aboul-Nasr as our January guest speaker. His topic on "What is in your tank" centers on addressing sources of alternative automotive and domestic fuel. This is especially relevant given current political, economic and environmental issues facing our world. Special attention will be given to Bio-fuels: those fuels from agricultural sources.

Dr. Osman Aboul-Nasr has over 40 years of engineering experience in Process Design, Research & Development, Simulation, Operations, and Economic Analysis. Dr Aboul-Nasr received his PhD from the University of Waterloo, Waterloo, Ontario. He taught at the University of Western Ontario, and also spent part of his career with Amoco and Nova Chemicals Corporation.

Currently, Dr. Aboul-Nasr is the Technical Director for Technology Marketing & Business Development at Fluor Corp. in Greenville, SC. Celebrating his 12th year with Fluor in January, Dr. Aboul-Nasr is actively involved in business plan & strategy preparations, technology transfer, and project proposals.

DATE: Tuesday, January 16, 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
Presentation only - Free

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

Please reply to Secretary Rick Vogel by Friday, January 12th. sec@wscaiche.org

In addition, 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.

Only RSVP if you plan to dine with us

Roper Mountain Science Center

AIChE along with Fluor Engineers will host the second annual “**Kids Engineering Making It Matter**” Science Workshop for National Engineer’s Week, on February 10, 2007. This will be geared primarily to the 8 – 12 year old, Tween age group. All kids are welcome and Junior Girl Scouts and Webelos Cub Scouts can again

earn badges at this event. Your volunteer participation with this activity is being actively encouraged. Volunteers please send email to sec@wscaiche.org to obtain further details.

Date	Location	Topic
10 February 07 Community Service	Roper Mtn Science Ctr	Kids Science Workshop
20 February 07	Holiday Inn Greenville	Clemson Faculty
13 March 07	Holiday Inn Greenville	Safety Analysis
17 Apr 07	Air Products Plant Tour	Adhesives & Emulsions
18 May 07	West End Field	Drive Baseball Game

2007 Meeting Schedule

Stepping into 2007, we have organized a list of interesting presentations, a plant tour at the Air Products facility in April, and a social gathering at the Greenville Drive in our May’s meeting. We all wish you a very Happy New Year and look forward to seeing you at our upcoming activities.



AIChE
c/o Secretary Rick Vogel
100 Fluor Daniel Drive
Greenville, SC 29607

RETURN SERVICE REQUESTED