



Western SC Section AIChE



2001-2002 Officers

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- Vice-Chair** **Mary Ferris**
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- Secretary** **Eugene Gill**
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- Treasurer** **Rick Vogel**
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Date: **Tuesday, March 12, 2002**
Time: 6:00 p.m.
Location: Kemet - Mauldin
Cost: \$12/\$15(members/non-members)

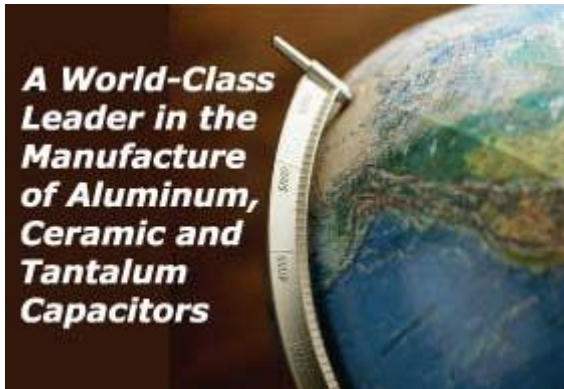
We will break into 5 groups of 6; each group will be assigned a tour guide. Hard hats not are required. Safety glasses will be provided by Kemet at the Mauldin plant. No restrictions on dresses, open toe shoes, nor short sleeve shirts. No need for secrecy agreements. No competitors please.

- 18:00 - Welcome/check-in at Mauldin Plant
- 18:15 - Dinner - catered
- 18:45 - Kemet Video
- 19:00 - Tour Mauldin Plant: AO Cap (Aluminum Organic Capacitor) Electro Chemical Process
- 19:45 - Travel to Simpsonville Plant: < 1 mi
- 20:00 - Ta Chips (Tantalum Surface Mount Capacitor) Anode Pressing / Sintering
- 20:30 - Ta Chips & AO CAP - Assembly / Molding
- 21:15 - AO Cap - Testing
- 21:30 - Final Comments / Tour complete

RSVP: Eugene Gill at 864-281-8627 or wsaiche@yahoo.com

- Directions - From Greenville to Kemet Mauldin South on I385, take exit 30 (Standing Springs Rd)
- Turn right at light at top of exit ramp onto Old Stage Rd.
- At second driveway on right, turn right into the parking lot.
- Visitor's entrance is on left by the blue awning – follow brick walk to left.

March Plant Tour at Kemet Electronics



KEMET Corporation is the world's largest manufacturer of solid tantalum capacitors, the fourth largest manufacturer of multiplayer ceramic capacitors, and a leader in the development of solid aluminum capacitors.

The company's strategy is to be the preferred capacitor supplier at each of the world's most successful electronic companies. KEMET employs approximately 7,100 people worldwide. Headquartered in Greenville, South Carolina, manufacturing facilities are located in the southeastern United States and Mexico with distribution centers in the United States, Europe, Hong Kong, Singapore, and Mexico. KEMET's common stock is listed on The New York Stock Exchange under the symbol KEM.

Thank you, Dr. Goodwin

WSC AIChE would like to thank the Clemson AIChE student chapter for arranging last month's speaker. (A special thanks also goes out to the Clemson professors and students who attended the meeting in Greenville.) Dr. Jim Goodwin from Clemson University spoke about producing synthetic petroleum products (such as diesel fuel, lubricants, and wax) from natural gas by using the Fischer-Tropsch Process. This process was developed in areas where natural resource

restrictions as well as political embargoes were present. The process itself reacts carbon monoxide with hydrogen on catalysts such as cobalt, nickel, or iron to produce long hydrocarbon chains. The resulting petroleum products are usually more pure than what is produced at refineries.

Upstate SC Science and Engineering Academic Competition

Each year, WSC AIChE presents a check to the overall winner in the Engineering category for both the Junior (Grades 6-8) and the Senior (Grades 9-12) Divisions. A volunteer is needed to represent our local section in the presentation of these checks to the winning students at the Award Ceremony at the Roper Mountain Science Center on Tuesday evening, March 26, 2002. If you are

interested, please contact Chair Dieska. Also, judges are still needed at this competition which is being held at the Pavilion Recreation Complex in Greenville on Wednesday, March 20th, from 10:00 am to 4:00pm.

Anyone interested in being a judge should call Greg Cornwell, Competition Director, at 864-679-7001.

WSCAIChE to Award \$1000

Every year, our section awards a Junior Chemical Engineering Clemson Student with a \$1000 scholarship. We will be accepting applications through March 12th and will announce the recipient in an upcoming newsletter.

