



AICHE Orange County

NEWSLETTER OF THE ORANGE COUNTY SECTION, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

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<http://www.aiche-orangecounty.org>

October, 2002

OCTOBER DINNER MEETING

Recent Developments in Extremely Low-Emitting Vehicles

Dr. Wayne Miller,
U.C. Riverside

Tuesday, October 22, 2002
5:30 to 8:30 PM

Professor Miller, of the Center for Environmental Research and Technology, will discuss the progress made by the CERT team on extremely low-emitting vehicles. The CERT team at the Bourns College of Engineering at U.C. Riverside has been able to develop and test internal combustion vehicles that produce tailpipe exhaust cleaner than the surrounding air on the freeways in some cases. Their gasoline-fueled engines meet the highest state standards – a feat that had been thought only possible with electric hybrid vehicles or those using unconventional power such as fuel cells.

Meeting Schedule:

5:30 p.m.	Social Hour
6:30 p.m.	Dinner
7:20 p.m.	Break
7:30 p.m.	After-Dinner Program

Place: Wyndham Garden Hotel, Costa Mesa

Directions: From Interstate 405, go north on Bristol Ave., right on Anton, left on Avenue of the Arts. The Wyndham is on the right at 3350 Avenue of the Arts, Costa Mesa.

Reservations: *Please make a reservation at (949) 261-2622 by voice by Friday, October 18. Or, you may email your reservation to janice.west@ps.ge.com.* Please specify your preference for either the main menu or the vegetarian menu when making your reservation.

Cost: Members, \$20 with a reservation, \$25 at the door; Non-Members, \$25 with reservation, \$30 at the door; Students/Unemployed/Retired, \$15 with reservation, and \$20 at the door.

2002 Orange County AICHE Officers

President-Elect	Erik Pearson – England Geosystem (949) 453-8085, Fax: [949] 453-0733 e-mail: epearson@englandgeosystem.com
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Future Orange County AICHE Meetings

Regarding Dominic's plans for the rest of the year, the November meeting is going to be Spouse's Night, which we have not done in a long time. Roy Peters is presenting a talk called the "Chemical Engineering and Looking Good." Roy will be talking about the chemical engineering needed to make cosmetics and shampoos.

Last Month at OC AICHE

Joe Seiwert, from Advanced Environmental Systems, reviewed several unique applications of emissions control systems based on catalytic and thermal oxidation technologies. Slides from the presentation will soon be available on the [aiche-orangecounty](http://www.aiche-orangecounty.org) web site under the "previous meetings"

Southern California AICHE Meeting

On Tuesday, October 15, Cal Poly Pomona will host a joint meeting with the local American Society of Metals. See the website at http://www.geocities.com/aiche_sc.



Air and Waste Management Meeting

On Thursday, October 24, Dr. Ravi Arulanantham, Principal, Geomatrix Consultants will speak on the topic of Managing the Risk of Residual Contamination. He will discuss Activity and Use Limitations (AULs, and also called Institutional Controls or Land Use Controls). The meeting will be at the Parsons office in Pasadena. For reservations or further information, please contact Paul Beswick (213) 217-5533 by October 22.

Legal Corner

by Peter Hsiao and Siegmund Shyu,
Morrison & Foerster, LLP

Mass Asbestos Trial in West Virginia Begins After Due Process Challenge Denied

A mass trial in West Virginia state court began on September 23, after the United States Supreme Court denied an emergency request by defendants ExxonMobil Corp. and Honeywell International to suspend the proceedings on due process grounds. [In Re Asbestos Litigation, West Virginia Circuit Court, Kanawha County, No. 01-C-0900]. The trial involves personal injury claims from over 8,000 plaintiffs against 250 defendants, including asbestos manufacturers, building owners, and employers. Defendants ExxonMobil and Honeywell had challenged the constitutionality of the mass proceedings under due process grounds, alleging that the plaintiffs' claims do not have enough in common to be handled in one proceeding. Supreme Court Chief Justice William Rehnquist denied defendants' request without comment. The asbestos cases were consolidated into a single proceeding pursuant to newly-enacted procedures in West Virginia to handle mass litigation.

EPA Approves San Francisco Bay Area's Clean Air Act Plan

EPA, in an interim rule published in the Federal Register on October 7, approved San Francisco Bay Area's revisions in its Clean Air Act plan to deal with nitrogen and carbon monoxide emissions. [67 Fed. Reg. 62,388 (Oct. 7, 2002)]. In March 2001, EPA had previously withheld approval of the Bay Area's Clean Air Act plan, known as a "State Implementation Plan" or SIP, because of deficiencies in targeting emissions from steam boilers and petroleum refineries. Not having an approved SIP could have potentially cost the Bay Area millions of dollars in federal transportation funds if the Bay Area did not correct the deficiencies. The approved revisions would limit emissions by using "reasonably available control technology," and include stricter monitoring, source testing, and record keeping requirements. The revised plan would become effective December 6, 2002, without further notice, unless EPA receives adverse comments by November 6, 2002.

Something Completely Different

BMW's new Mini Cooper has become a hot-selling item, spurred on by nostalgia, its appearance in the recent Austin Powers movie, and word-of-mouth. All the rage in the 60s, the then 122-inch original Mini, manufactured by now defunct British Motor Company, still packed a punch despite its size. However, changing tastes and stricter environmental standards did it in. Now reinvented in 2002 by BMW, the car is still the smallest model available at 143 inches overall length, with a fuel rating of 37 mpg highway for the manual transmission 115-horsepower Cooper. Starting at \$16,850, the new Mini's have been hard to keep in the showrooms. However, consumers still can get a piece of the action, since BMW has launched a Mini lifestyle collection, including a \$75 Mini watch and a \$27 reversible Mini T-shirt. Commented one 30-year old customer in the Chicago Tribune looking at the Mini T-Shirts, "It's funky, but that's not going to do anything for me. I'm a chemical engineer. There's no hope."

Legal Corner reports on recent news, and is not intended to be legal advice. The reader should consult an attorney about the specific facts before acting upon this information.

KEEPUS by Bob Katin

Next, the Joint Legislative Sunset Review Committee (JLSRC) will read and assimilate recommendations on the Engineers' Act prior to committee hearings in 2003. For the complete and latest information on this dynamic topic or to find out how you can help, please check: <http://www.aiche-norcal.org/Government/keepus>

Evening Classes Starting Soon

The web site www.aiche-orangecounty.org has a page of University Classes for engineers who want to prepare for the PE exam or specialty certification.

Local Member Service

As a service to local members and their potential clients, we have added a consultants page to the OC AICHE web site www.aiche-orangecounty.org. Look there to see who can give advice worth paying for. To add information to the web page, members may contact Cheryl Zheng, webmaster.

Professional Engineering Employment Update

Job Seeking Members can now receive a list of web sites of area companies that sometimes hire chemical engineers. Contact the Newsletter Editor to receive this list by e-mail as an Excel file.



AIChE Orange County

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

OFFICIAL 2003 NOMINATIONS FOR AIChE OFFICERS

Message from Erik Pearson, Incoming President

It's that time of the year again. Time to start looking forward to 2003. This year has been a great year for Orange County AIChE due in large part to the dedication of the 2002 Officers and the participation of members like you. In order to maintain the success of the organization, we need a strong group of dedicated members to serve on the Executive Board, as well as a President Elect to serve and take over as President in 2004. If you, or someone you know, would like to serve on the Executive Board please nominate him or her at the next meeting or log onto our web site and nominate them on line at www.aiche-orangecounty.org

Look for the elections to take place next month. See everyone at the monthly meeting ☺.

Office Nomination

President (automatic succession of outgoing president)
Erik Pearson

President-Elect _____

Secretary/
Newsletter _____

Treasury/
Membership _____

Program Chair _____

College Relations _____

Senior Member _____

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ADVERTISING SPACE AVAILABLE

Place a business card-sized ad for \$30 per month

① If you have an employment opportunity in Southern California for a chemical engineer, the newsletter will advertise it for free.

Current Chemical Engineering Openings

For Further Information Contact
Tina Tullberg, CPS, Inc. 708-531-8390
tinat@rcnchicago.com

Senior Process Engineer San Diego, CA Salary \$85,000.
This position is with a Food and Pharmaceutical Ingredient manufacturer. The position requires seven plus years experience of Process engineering with the potential to move into a Technical Management role in the near future (within a year). The person needs to show examples of how you took initiative and came up with ideas to improve the process. Troubleshooting, statistical analysis and process improvement skills are necessary. Prefer experience from a cGMP environment but will consider chemicals.

Process Engineer Los Angeles, CA Salary up to \$80,000.
Five to eight years experience out of a Pharmaceutical or Bioprocessing environment. Prefer experience with Fractionation, Filtration, Chromatography or a batch specialty chemical company.

Manufacturing Manager Los Angeles, CA Salary \$105,000.
Ten plus years of experience with seven years of Supervisory experience out of a Manufacturing environment. Maybe eight years experience would be considered with five years of Supervision. First choice would be someone out of a Bioprocessing or Bulk Pharmaceutical environment. Will consider people with Chromatography, Lyophilization, Filtration and Fermentation knowledge. You will supervise two direct reports, seven indirect and 80-90 hourly people.

These are just a few from your geographic region of the country. Please feel free to contact Tina.

American Institute of Chemical Engineers

ORANGE COUNTY SECTION

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DATED MATERIAL

