



AICHE Orange County

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

No. 113

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

August 2003

AUGUST DINNER MEETING

WHEN YOU NEED TO GET CLEAN - THE POWER OF CARBON IN POLLUTION CONTROL

C. Adam Cline

Tuesday, August 26, 2003
5:30 PM

Our August speaker is Adam Cline of Calgon Carbon. He is a Technical Sales Representative with Calgon and will be filling us in on what happens from the moment you place that call to Calgon and request their help. Despite being one of the oldest methods of controlling pollution, both air and water, carbon is still one of the most popular tools in the environmental tool box. Whether you need help in meeting a wastewater discharge requirement or in meeting a limitation imposed by air regulations, carbon may be your answer. Adam is going to walk us through all of the help and support services that are at your disposal when you call Calgon. Topics to be covered include:

- New products being developed to treat ground water and industrial wastewater
- Services offered to test feasibility of using activated carbon to treat a wastewater or ground water
- Information included in a test report
- Case histories of successfully treating atmospheric emissions, wastewater and ground water in southern California
- Locations of Calgon installations in southern California that we may not know about
- Availability of rental units to fix short-term problems
- Costs of regenerating spent carbon

Adam Cline works for Calgon as a Technical Sales Representative. He covers the area from San Diego to Bakersfield. Before working for Calgon, he worked for U.S. Filter. Graduating with a degree in business, Adam moved from New York to California to begin his professional career. Now that he is here, he is helping us get clean and stay clean!

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, August 22, 2003. Or, you may email your reservation to west@research.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, \$5 with reservation, and \$10 at the door

Important Meeting Notice

- **Starting with the month of June, every third meeting a member attends is FREE with reservation**

Southern California AICHE Meetings

The section for the LA area normally meets every 3rd Tuesday at the Quiet Cannon in Montebello. For reservations call (800) 274-3847. Visit their web site for the latest information
www.geocities.com/aiche_sc



.....
CALL FOR PAPERS

Presenters wanted for dinner topics and poster sessions for a special technical series tentatively scheduled for this summer. Warm-up for a national meeting, or just present your Senior Project. Please contact the Program Chair with your topic.

.....
CLOSE ENCOUNTER WITH MARS

Never again in our lifetimes will the Red Planet be so spectacular!

This month and next Earth is catching up with Mars, an encounter that will culminate in the closest approach between the two planets in recorded history.

The next time Mars may come this close is in 2287.

Due to the ways Jupiter's gravity tugs on Mars and perturbs its orbit, astronomers can only be certain that Mars has not come this close to Earth in the last 5,000 years but it may be as long as 60,000 years.

The encounter will culminate on August 27th when Mars comes to within 34,649,589 miles and will be (next to the moon) the brightest object in the night sky. It will attain a magnitude of -2.9 and will appear 25.11 arc seconds wide. At a modest 75-power magnification, Mars will look as large as the full moon to the naked eye.

Mars will be easy to spot. At the beginning of August Mars will rise in the east at 10 p.m. and reach its azimuth at about 3 a.m. But by the end of August when the two planets are closest, Mars will rise at nightfall and reach its highest point in the sky at 12:30 a.m. That's pretty convenient when it comes to seeing something that no human has seen in recorded history.

So, mark your calendar at the beginning of August to see Mars grow progressively brighter and brighter throughout the month.

Share this! No one alive today will ever see this again.

Newsletter Contributors Wanted

The newsletter editor would like to hear from you if you have one or more brief articles to contribute, especially a review or brief discussion of a good website, technical book, etc.

**Professional Engineering
Employment Update**

Job Seeking Members can receive a list of web sites of area companies that sometimes hire ChEs. Contact the Senior Member Everett Knell at EWKnell@aol.com to receive this list by e-mail.

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

2003 Orange County AIChE Officers

President	Erik Pearson – England Geosystem (949) 453-8085, Fax: [949] 453-0733 e-mail: epearson@englandgeosystem.com
President-Elect	(Position Vacant)
Treasurer	Janice West – GE Energy and Environmental Research (949) 859-8851, Fax [949] 859-3194 e-mail: west@research.ge.com
Program Chair	Dominic Meo III, P.E. – Meo & Associates (714) 377-8887, Fax [714] 377-8957 e-mail: dmeo@socal.rr.com
Secretary	Parag P.Kulkarni – GE Energy and Environmental Research (949) 859-8851 x146, Fax [949] 859-3194 e-mail: kulkarpa@research.ge.com
Newsletter Editor	Kris Ip – Edwards Lifesciences phone (949) 250-3807 e-mail: Kris_ip@edwards.com
Senior Member	Everett Knell – AFLAC (562) 596-0215, Fax [562] 596-0215 e-mail: ewknell@aol.com
College Relations	Dr. Yam Lee - Y.Y. Lee Consulting Services e-mail: YamYLee@aol.com
Webmaster	Cheryl Zheng – GE Energy and Environmental Research (949) 859-8851, Fax [949] 859-3194 e-mail: cheryl.zheng@ps.ge.com



Advertisements

ENGLAND GEOSYSTEM

ENVIRONMENTAL ENGINEERING

- Comprehensive, cost-effective environmental services
- Extensive, demonstrated experience
- Ability to meet condensed schedules
 - Assessments, investigations, and remediation
 - Data management/computer modeling/geographic information systems
 - Air, soil, and water

15375 Barranca Parkway • Suite F-106 • Irvine, California 92618-2207
(949) 453-8085 • FAX (949) 453-0733 • www.EnglandGeosystem.com

American Institute of Chemical Engineers
ORANGE COUNTY SECTION
P.O. Box 19362
Irvine, CA 92623

DATED MATERIAL

ADDRESS SERVICE REQUESTED

