



AICHE Orange County

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

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August 2006

Orange County Meeting AUGUST DINNER MEETING

Meeting Future Drinking Water Needs in Orange County

Shivaji Deshmukh

Orange County Water District Engineering Department

Phil Anthony

Orange County Water District, Chairman of the Board

Tuesday, August 22, 2006

5:30 PM

We are very pleased to report that the program for our August meeting has broadened substantially in scope, and we will have two, very excellent speakers. The topics to be addressed now include:

- 1) Treatment processes used to improve the quality of the drinking water before it is distributed.
- 2) Plans to keep up with the increasing population of Orange County over the next 10-20 years.
- 3) Discussion on whether the recent report by the National Research Council on TCE in drinking water will require additional treatment of drinking water.
- 4) Discussion on programs you may have to promote water conservation.
- 5) How well local industry is doing in reducing the amount of water used.

6) The role of desalination in providing future water supplies.

This will be a great meeting. You will hear the latest thinking on obtaining new water supplies and proposed treatment technologies. If your drinking water is provided by the Orange County Water District, or you want to know the District's plans for the future, you definitely want to attend this meeting.

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 (714) 686-2791 by voice by Friday, August 18, 2006. Or, you may email your reservation to dalebotts@adelphia.net

Cost: Members, \$20 with a reservation, \$25 at the door; Non-Members, \$25 with reservation, \$30 at the door; Students Free with reservation, \$5 at the door, Unemployed/Retired, \$5 with reservation, and \$10 at the door.

Starting with the month of January 2006, every third meeting a member attends is FREE with reservation



STUDENT CORNER

Please contact the newsletter editor if you would like to publish any AIChE student chapter meeting summary or contribute any articles related to science/engineering.

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

Process Engineer Gardena, Calif. plant

Job Elements

- Conduct process optimization studies on plant mixing and filling operations
- Identify packing material cost savings
- Identify product raw material cost savings
- Implement process control procedures as needed for mixing and filling operations
- Identify work process improvements yielding productivity and waste savings
- Lead selected improvement initiatives across the site. Provide project management as needed
- Function as site ISO Quality Systems Manager
- Train plant personnel in Quality/Statistical Process Control/Lean Manufacturing methodologies
- Lead new process/equipment start-ups/qualifications

Background Experiences/Skills

- Working knowledge of Statistical Process Control/Six Sigma methodologies
- Prior experience with ISO 9001:2000 standards
- Lean Manufacturing
- Five- ten years plant experience
- Project Management experience. Familiarity with Microsoft Project software desirable
- Bilingual, English- Spanish desired
- Experience working in team based environments
- B.S. Chemical Engineering degree

Submitted by Mike Davis/Purcell International Group/310-477-4433 mdavis@purcellintl.com

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

2006 Orange County AIChE Officers

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Chemical Engineering Refresher Course

Bob Katin, PE is offering a refresher of chemical engineering principles that will help you solve problems in your plant, and if you want, prepare you for the EIT or PE Exam. He provides real life industrial examples from which to perform calculations.

Bob is a Fellow of the Institute (AIChE) with over 30 years of industrial experience and owner of a small engineering firm that specializes in training. As a former Chemical Plant Manager, Petroleum Refinery Operations Supervisor, Chief Engineer of DuPont Environmental, and Project Manager (largest was a \$40 million expansion) he concentrates on practical engineering, not college theory. So far, he has a 75% batting average from graduates that have taken the licensing exam. Just think how well you will do after this refresher!

The class will be held on six Saturdays from 9 AM to 4 PM, from 16 SEP-21 OCT 06 in Walnut Creek. For more information, please contact Bob at (925) 755-1150 or rakatin@pacbell.net .



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DATED MATERIAL

ADDRESS SERVICE REQUESTED