



AICHE Orange County

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

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January 2007

OC-LA Joint Meeting JANUARY DINNER MEETING

Gasification of Oil Sands and Coal

Jim Loney, PE
Fluor, Aliso Viejo Office

Tuesday, January 23, 2007
6:00 PM

The gasification program for our January meeting will cover the following topics:

- 1) Gasification processes and licensors
- 2) Energy security
- 3) Gasification projects in development

You will hear the latest thinking on how refiners are planning to convert low-value streams such as heavy residual and coke to high-value streams such as hydrogen and electricity. Chemical producers may convert processes that use natural gas to gas derived from coal. Electricity generators see gasification as a way to reduce emissions and to prepare for the potential of sequestering carbon dioxide. Gasification can be used to produce methane or, when coupled with a Fischer-Tropsch process, to produce transportation fuels.

Jim Loney graduated from Cal Poly, Pomona with a BS in chemical engineering in 1979. He started his career as a plant process engineer with Monsanto Chemical Company. Jim has been with Fluor for 17 years and is currently working in Fluor's gasification group. He has extensive experience in the design, commissioning and operation of combined-cycle power plants and refinery cogeneration plants. Jim has a PE in both chemical and mechanical engineering.

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: Khoury's Restaurant.

110 North Marina Dr., Long Beach

Directions: From the north, take the 605 south and take the Seventh Street/Long Beach exit. Go 1.4 miles and take the Studebaker Road exit. Continue south on Studebaker Road for 1.4 miles. Turn right on East Second Street. Continue on another 0.6 miles, then Turn left on Marina Drive at the first signal after PCH. Proceed 1 mile and enter the parking lot for Khoury's.

From Torrance/South Bay, take the 405 south and exit on Studebaker Road. Continue south on Studebaker for 2.1 miles. Turn right on East Second Street. Continue on another 0.6 miles, then Turn left on Marina Drive at the first signal after PCH. Proceed 1 mile and enter the parking lot for Khoury's.

From Orange County, take the 405 north and exit on Westminster Ave. West. Go 1.9 miles until Westminster Ave. becomes Westminster Blvd. Go an additional 3.9 miles until Westminster becomes East Second Street. Continue on another 0.6 miles, then Turn left on Marina Drive at the first signal after PCH. Proceed 1 mile and enter the parking lot for Khoury's.

Reservations: Please make a reservation at (714) 686-2791 by voice by Friday, Jan 19, 2007. 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 2007, 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.

Professional Engineering Employment Update

Air Quality Engineers

Karel & Company is looking for Air Quality engineers to join their client's established offices in Texas. Candidates should have a min. of 5 years of experience, and good working knowledge with; TCEQ regulations, CAA, Title III & V. Experience with the petrochemical, refining or in the energy, power and utilities industries with permitting and regulatory work would be preferred. Good management and mentoring skills would be helpful. These are solid growth positions, and candidates should be able to grow into senior managerial positions. Addition positions available in: CA, CO, FL, GA, IL, NY, MA, and Canada, please contact:

Stephen A. Karel, Pres. /CEO
Karel & Company / Executive Search
20 Rice's Lane - Westport, CT 06880
203 - 341 - 9911
www.karelco.com

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

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.

2007 Orange County AIChE Officers

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- ANNOUNCEMENT - AIChE Orange County Section Webmaster Needed

Cheryl Zheng is stepping down as the AIChE Orange County Web Master. This is a great opportunity for someone who would like to run a web site. Please contact any of the Section officers if you are interested in this position. Thanks.

The entire website is currently in Microsoft Front-Page.

Skills: website design and HTML programming capability.

Time: Depending on the person's skills, probably around half an hour per month.

Cheryl can provide some training as necessary to set it up for the new person.



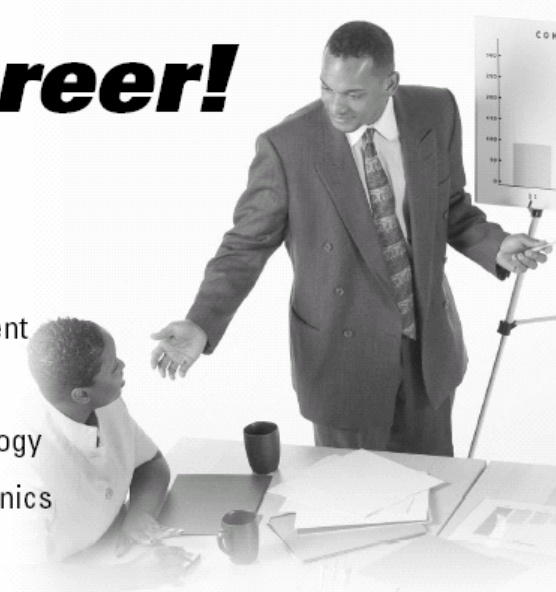
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