

November Section Meeting: Biofuel Mandates and Response

The United States public interest has been focused on alternative energy, and especially biofuels during the past few years. President Obama has mandated that average fuel mileage for automobiles will be increased from an average of 25 mile per gallon to 35.5 miles per gallon by 2016. The 2007 Energy and Security Act mandates that 36 billion gallons of renewable fuels will be produced in the U.S. by 2022. In the meantime, the Exxon's CEO announced in October 2009 that U.S. gasoline demand has peaked. What does this all mean to chemical engineers and the U.S. energy industry?

The November AIChE presentation will discuss answers to the following:

- What are the current government mandates for production of biofuels?
- What commitment have major energy companies made to achieve these mandates?
- What did the first generation of biofuel development provide?
- Where will the new, advanced biofuel technologies take us?

(continued on page 2)

November Section Meeting

Topic: Biofuel Mandates and Response

Speakers: John L. Jechura Jr.,
Principal Process Engineer &
Biofuels Technology Manager
URS Corporation
J. David Mohrbacher,
Principal Program Manager
URS Corporation

Date: Tuesday, November 17th

Time: 6:00 Social/Dinner/Presentation

Location: URS Building
8181 East Tufts Ave, 80237
Fourth Floor Main Conf. Room

Menu: Chicken and Beef Enchiladas,
Tacos, Vegetables, Dessert, Soft
Drinks

We are sorry that URS policy does not allow imbibing of malted beverages in the building. But, when the meeting is adjourned and we may retire to Darcy's Irish Pub, located at 4955 S. Ulster St. (located between Union & Belleview on Ulster).

Cost: Members: \$20
(w/RSVP)* Non-Members: \$25
Students & Unemployed: \$10

Please RSVP by Friday, November 13th (early RSVPs are greatly appreciated!) indicating your name, phone number, and number of attendees. Please RSVP to Martin Vorum by phone at 303-384-7414 or email at rockyaiche@yahoo.com.

(continued from page 1)

John Jechura and Dave Mohrbacher, chemical engineers with more than 30 years of experience working with the U.S. energy industry, will make the presentation. We anticipate a great question and answer period.

John Jechura has spent his entire professional career in industries related to fuel production and usage. John was with Marathon Oil Company for 20 years providing technology support to both the upstream & downstream portions of the business. He left Marathon and went to the “dark side”, the National Renewable Energy Laboratory, providing industrial sensibilities to the engineering analysis of biofuel processes. The last 2 ½ years John has combined his experiences in both petroleum & bio-based fuels at the Washington Division of URS Corporation. He currently has dual responsibilities as Principal Process Engineer for the Denver office and as Technology Manager for Biofuels projects. One constant over the last 15 years has been his association with the Chemical Engineering Department at the Colorado School of Mines. The last 8 years he has been teaching the Introduction to Petroleum Refining class to senior & graduate level chemical engineers as an Adjunct Assistant Professor.

David Mohrbacher spent the first 10 years of his career working as a chemical engineer, first with Eastman Chemicals and then with Amoco Production Company. He spent the next 20 years working as a consultant with Radian and then URS, with a primary focus on the US energy industry. David has worked on a wide range of engineering projects in the upstream, midstream, and downstream segments of the petroleum

industry. Most recently he has managed projects including refinery upgrades to meet new gasoline benzene reduction requirements, wastewater treatment associated with clean coal and refining facilities, and engineering for a variety of alternative energy projects.

NEW MEXICO CORNER

If you'd like to volunteer to speak at a future meeting or if you have any meeting/activity ideas, please let me know!

Patrick Burton, New Mexico Liaison
pburton@unm.edu

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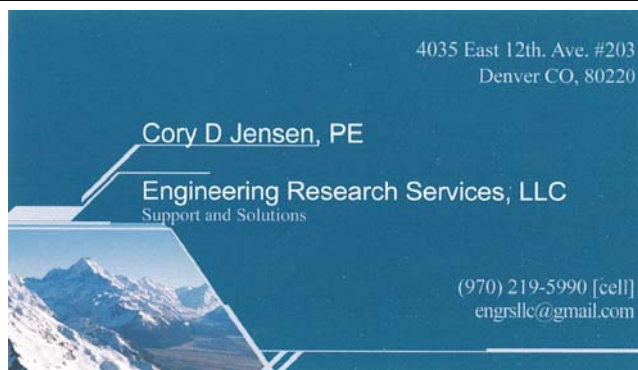
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AIChE Meetings

2009

Nov 17 AIChE Day at the
Chem Show
New York, NY

2010

Mar 21-25 2010 Spring Nat'l
Tampa, FL
San Antonio, TX

May 2-5 SBE's 2nd Annual
Conference on Stem
Cell Engineering
Boston, MA

June 27-30 AIChE's 2010
Process Develop,
Symposium: Energy
Challenges for
Process Developmt.
Lake Ozark, MO

Oct 17-22 Annual Meeting
Salt Lake City, UT

For further information, contact
National AIChE.

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The objectives of AIChE are to advance chemical engineering in theory and practice, to maintain a high professional standard among its members, and to serve society, particularly where chemical, engineering can contribute to the public interest.

Rocky Mountain AIChE News Publication Schedule

January 2010 issue

Articles due Wednesday, January 6th

Publish on Friday, January 8th

Meeting on Tuesday, January 19th

MEETING SCHEDULE

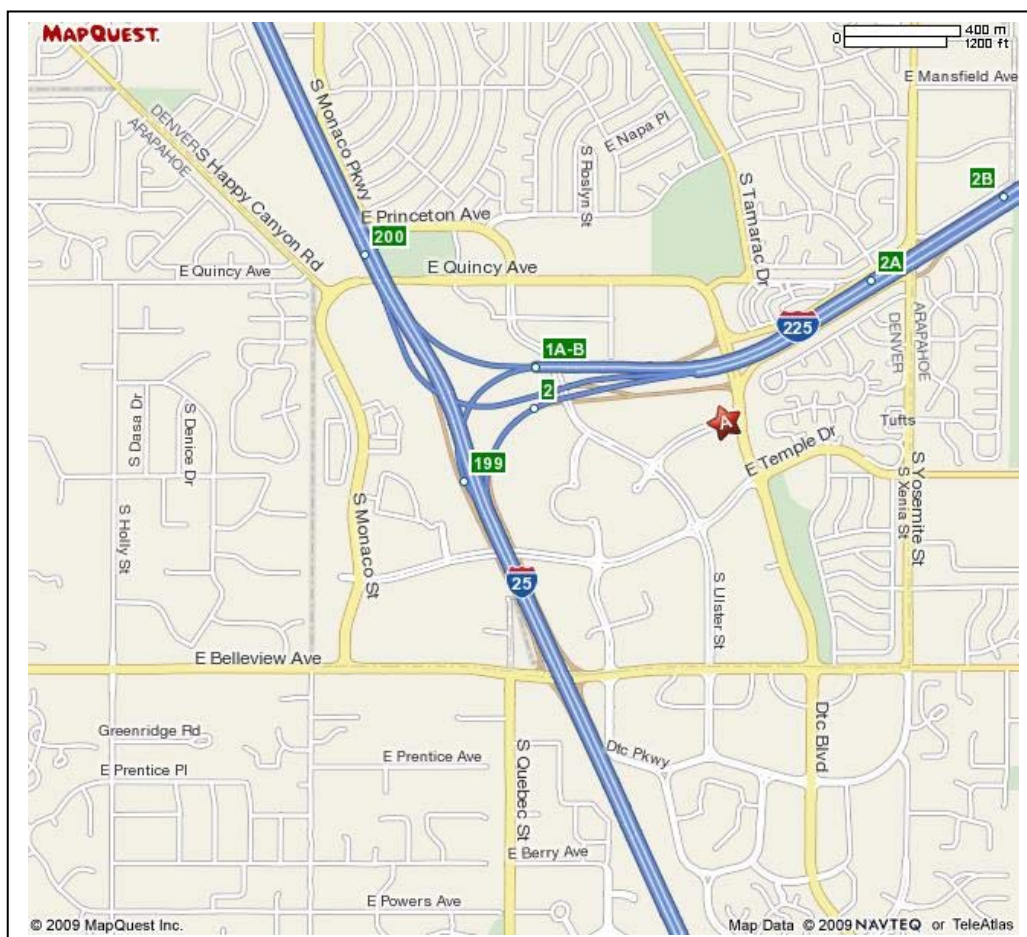
The Rocky Mountain District of AIChE generally meets the third Tuesday of every month, September through November and January through May.

Rocky Mountain AIChE News
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On the Web at:

<http://www.aiche.org/rockymtn>

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mмоes@ekiconsult.com to receive
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Directions: Take I-25 to I-225. Stay right on I-225 and exit at the first off ramp for DTC Blvd/ Tamarac Street. Exit off of I-225 and turn south on to DTC Blvd. Turn at the first right on to East Tufts Avenue. The URS Building will be on the right (north) side of the street at the intersection of DTC Blvd and East Tufts Street.

Park in front of the building and enter through the main door. Staff will be available to assist you to the elevator and to the 4th floor. The main conference room is directly adjacent to the elevator exit.