

Invitation to Attend a Congressional Briefing

Sponsored By: United Engineering Foundation, American Institute of Chemical Engineers (AIChE), American Society of Civil Engineers (ASCE), American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc. (AIME), IEEE-USA and ASME.

Held in conjunction with the Congressional Research & Development (R&D) Caucus

GREEN GASOLINE: AN ALTERNATIVE ALTERNATE FUEL

As ethanol becomes available at the pump, questions have surfaced about how sustainable this alternative fuel can be. Now, an increasing number of researchers are turning their attention to green gasoline, a fuel that will be less expensive to produce, has a much higher gas mileage than E85 flex fuel, will require less water to manufacture and will fit almost seamlessly into the existing energy infrastructure. Produced from plants, green gasoline is virtually identical to the fuel we use each day, yet because it comes from biomass growing in fields, it may have a nearly net zero carbon footprint. The briefing will provide a short overview of how gasoline, diesel and jet fuel can be produced from plants, how the small business community is driving creative technologies to ease green gasoline production, and how industry is already re-tooling some operations to develop this fuel option.

→ **Thursday, October 4, 2007**

→ **12:00Noon-1:30PM ~ 2325 Rayburn HOB** ←

NOON LUNCH

12:10PM WELCOME

*DALE KEAIRNS, PH.D.
PRESIDENT-ELECT, AICHE*

R&D CAUCUS CO-CHAIRS

*THE HONORABLE RUSH HOLT (D-NJ)
THE HONORABLE JUDY BIGGERT (R-IL)*

12:25PM AN OVERVIEW OF
HYDROCARBON FUELS FROM
BIOMASS

*JOHN R. REGALBUTO, PH. D.
DIRECTOR OF THE CATALYSIS & BIOCATALYSTS PROGRAM
DIRECTORATE FOR ENGINEERING
NATIONAL SCIENCE FOUNDATION*

THE POTENTIAL FOR DISCOVERY:
A SMALL BUSINESS
PERSPECTIVE

*RANDY CORTRIGHT, PH.D.
CTO, CO-FOUNDER & EXECUTIVE VP
VIRENT ENERGY SYSTEMS, INC.*

RETROFITTING REFINERIES
FOR BIOMASS: AN INDUSTRY
PERSPECTIVE

*LISA MYERS, PH.D.
DIRECTOR OF BIOFUELS RESEARCH & DEVELOPMENT
CONOCOPHILLIPS*

1:30PM ADJOURN

→ **REGISTER NOW!** ←

Please **RSVP to Robert Rains at rainsr@asme.org** or fax your completed form to **202-429-9417**.
There is no fee to attend this widely attended public event and lunch is provided on a first come, first served basis.

NAME: _____ **TITLE:** _____

AFFILIATION: _____

PHONE: _____ **EMAIL:** _____