



Department of Chemical Engineering Seminar Series

Tuesday, September 15, 2009

Presentation: 1:30 p.m., 1017 H.H. Dow

Refreshments to Follow: 3062 H.H. Dow (MSE Conference Room)

Jose Bravo

Shell Corporation
Houston, Texas

Focus on Sustainable Fuels

and

Effects of Free Water in Distillation Columns

Focus on Sustainable Fuels – Fuels in the future will come from many sources and will be very diverse. How is Shell addressing this challenge through technology and R&D, and what are the roles of scientists in these developments?

Effects of Free Water in Distillation Columns – Water ingress into hydrocarbon distillations can be very problematic, especially in low-pressure hot systems. This presentation describes the phenomenon as it occurs in packed distillation columns and demonstrates some of the dangers. This is an applied R&D presentation that links some separations fundamentals with plant data.

The Chemical Engineering Seminar Series is sponsored in part by the Dow Chemical Company



Michigan**Engineering**