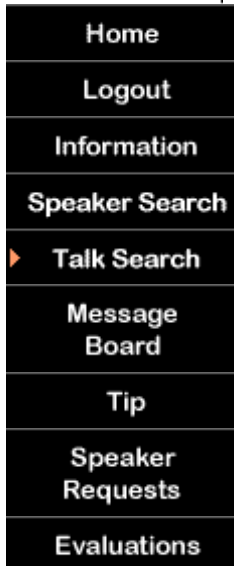




American Chemical Society



Talk Detail

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Speaker [William B. Chamberlin](#)

Title A PETROLEUM-FREE TRANSPORTATION SYSTEM Can It Happen? Will It Happen?

Abstract What will our transportation system be like in two years from now? That was the question that our speaker was asked to answer for at Society of Automotive Engineers of Japan's Government, Industry and Academia Forum in 2002. Using his contacts in the automotive industry and government along with his 30+ years experience in investigating alternative fuels and power plants, Bill Chamberlin represented the North American perspective on the topic. Today we are hearing a lot about fuel cells, hydrogen economy, and a petroleum-free transportation system. Production goals are already being publicized by major automotive manufacturers which suggest that hydrogen powered fuel-cell vehicles will be a major player in the transportation system soon. Also, petroleum substitutes are being proposed such as ethanol, biodiesel and dimethyl ether. Are any of these options likely to become a reality or are they just fantasy? Predictions about the future are always risky. While there is always a temptation to project what will happen on the basis of one's predisposition about what "should" happen, reality is often something different. Our speaker will analyze the forces at work that are likely to shape future transportation fuels and the processes, including chemical, which are under consideration to produce them.

Audience Level Specialists (highly trained), Chemists, Students,

Categories Environmental Chemistry

General Public

Science Cafe