



IEEE London Section



The London Section of the Institute of Electrical and Electronics Engineers

In partnership with the UWO IEEE Student Branch present:

Alternative Fuels in Transportation

Thursday March 15th, 2007

7:00 pm.

Room SEB 2100

Cost: FREE (Open to Everyone)

Abstract: The realization of dwindling fossil fuel supplies and their adverse environmental impacts has accelerated research and development activities in the domain of renewable energy sources and technologies. Global energy demand is expected to rise during the next few decades, and the majority of today's energy is based on fossil fuels. Alternative energy sources and technologies can play a vital role in lowering or eliminating our reliance on fossil fuels. However, such a transition will require a large investment and will not be reversible. The benefits of hydrogen and other liquid fuels as transportation fuels are not marginal, but the real urgency in greenhouse gas reductions and fossil fuel replacement should not be translated into an energy infrastructure based on unsustainable sources in the long run. It is wise to examine each option thoroughly and objectively now and discard those with little potential so our focus and effort may be placed elsewhere.

Speaker: Prof. Shahram Karimi - co-coordinator of the Alternative Energy Engineering Technology Program at Lambton College in Sarnia. He is a cofounder of Platinux Corporation, a fuel cell company conducting research on various aspects of proton exchange membrane fuel cells.

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