

Notre Dame **Science**
Department of Physics

NUCLEAR POWER AND GLOBAL ENERGY PROBLEMS

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Michigan State University
Wednesday, March 23, 2011
4:00 P.M. NSH 118
(Refreshments at 3:30 P.M. NSH 202)

Nuclear power plants produce 17% of the electricity worldwide. Nuclear energy production is discussed in the global context of world oil peaking and concerns about green house gas (GHG) emission and global warming. Possible evolutions of nuclear power plants in this context are described.

Besides electricity production, a major challenge is the substitution of the presently used liquid fuel mainly for transportation by other means. Timescales for evolution of production methods are long, in a rapidly changing context of resources and GHG problems. Many subjects need research mostly of strongly interdisciplinary character.

Host: Prof. Umesh Garg

Colloquium

All interested
persons are
cordially
invited to
attend.