

Subject: Colloquium - Crabtree, 1/12, 11a, 212, A-157
From: Janice Coble <coble@msd.anl.gov>
Date: Tue, 03 Jan 2006 14:06:28 -0600
To: msd@anl.gov

SPEAKER: GEORGE CRABTREE
Materials Science Division
Argonne National Laboratory

TITLE: Solar Energy: Challenges and Opportunities

DATE: Thursday, January 12, 2006

TIME: 11:00 a.m.

PLACE: Building 212, Room A157

HOST: Suzanne te Velthuis

Refreshments will be served at 10:45 a.m.

Abstract:

The global demand for energy will double by 2050 and triple by the end of the century. Our existing energy sources, fossil, nuclear and renewable, all face major challenges in supplying the additional energy needed for the next 50-100 years. Possible routes for producing the needed energy will be analysed, with emphasis on the basic research breakthroughs that will enable sunlight to provide a significant fraction of our future energy needs.