

**PHYSICS SPECIAL EVENING
COLLOQUIUM**

Walter Kohn
University of California, Santa Barbara
"The Power of the Sun"
Monday, November 19, 2007
7:00 PM, Rm. 130, Kane Hall

Seminars



November 19-23, 2007

Abstract: "The Power of the Sun" is a 56 minute film produced by Walter Kohn, telling the story of photovoltaic solar cells, including their science, history, practical implementation, and future in meeting the world's energy needs. It is appropriate for a general audience including non-scientists and scientists alike, as well as policy makers and all those concerned with energy and environmental issues. The film will be followed by a question and answer session with Professor Kohn.

Monday, November 19

INT Seminar
10:30 AM, Rm. C-421, PAT

W. Dieter Heiss, University of Stellenbosch
"Phase Transitions in the Lipkin Model"

Physics General Exam
12:00 PM, Rm. C-520, PAT

Brian Smigelski

Tuesday, November 20

INT Seminar
10:30 AM, Rm. C-421, PAT

Ubirajara van Kolck, University of Arizona
"Postmodern Nuclear Structure Theory: The First Steps"

Physics General Exam
4:00 PM, Rm. C-520, PAT

William Trimble
"High-resolution spectroscopy of $^{115}\text{In}^+$ and prospects for an indium ion"

Wednesday, November 21

INT Seminar
10:30 AM, Rm. C-421, PAT

Arturo Samana, Texas A & M Commerce
"Neutrino-Nucleus Cross Section in the Gross Theory Approach"