



**The Department of Physics  
And the  
Graduate School**

**Present the  
39th Annual Alpheus Smith Lecture:**

# **The Plastics Electronics Revolution**

**Wednesday, May 2, 8-9 p.m.**

**131 Hitchcock Hall, 2070 Neil Avenue**



**Alan Heeger, 2000 Nobel Laureate**

## **The "Plastics Electronics" Revolution: Opportunities In Semiconducting and Metallic Polymers**

- The intellectual challenge of conducting polymers: They did not (could not?) exist.
- The importance of the discovery and development of conducting polymers: They offer a unique combination of properties not available from any other known material. And they promise a wide variety of uses.
  - Nobel Prize winner Alan Heeger will summarize the remarkable progress in the science and technology of semiconducting polymers --- the Fourth Generation of Polymeric Materials.

Alan Heeger is a Professor of Physics at the University of California, Santa Barbara.