



SACRAMENTO STATE

Department of Physics & Astronomy Fall 2006

Physics Colloquium Series

"Physics of Percussion Instruments, Old and New"

Percussion instruments may be our oldest musical instruments (with the exception of the human voice), but they have experienced a new surge of interest and popularity. Many novel percussion instruments have been developed in recent years and more are in the experimental stage. We discuss the modes of vibration of bars, membranes, and plates and the physics of several percussion instruments, old and new, including drums, cymbals, gongs, bells, stone chimes, and Caribbean steel pans.

Thomas Rossing

Department of Music, Stanford University

**Thursday, Nov. 2, 2006
4:00-5:20 PM MND 1015**

OPEN & FREE TO ALL STUDENTS, FACULTY & PUBLIC