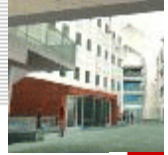
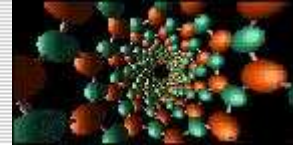




Sunday, May 11

DEPARTMENT of
Physics



Events

Student Learning in Thermodynamics: Exploring the Chemistry/Physics Connection.

Who: Prof. David Meltzer - (Iowa State University)

Where: Smith Lab, Room 1094

When: Monday, February 26, 2001 at 10:30

Type: Physics Education Seminar

Description: Students are exposed to thermodynamics concepts at multiple points during their academic career, often including both chemistry and physics courses in high school and college. At Iowa State University the education research groups in both the Physics and the Chemistry departments have begun a joint investigation of the dynamics of student learning of thermodynamics. We are exploring student learning difficulties with various thermodynamic concepts, as well as possible interactions between the chemistry and physics curricula and their impact on students' conceptual understanding. I will present some of our preliminary results and discuss the directions in which our investigation is proceeding.

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