

American Physical Society
HIGH SCHOOL PHYSICS TEACHERS' DAY

Friday, April 21, 2006, Dallas Hyatt Regency at Reunion, 300 Reunion Boulevard, Cumberland J

AGENDA

- 8:00–8:20** **Breakfast --** An opportunity to meet the APS Education & Outreach staff and to make connections with other physics teachers in the area. (Cumberland J)
- 8:20-8:30** **Welcome and Announcements,** *Ted Hodapp and Ed Lee, APS*
- 8:30–9:15** **Research Talk – Applying Physics Education Research to Teaching**
Thermodynamics, *David Meltzer, University of Washington*
Recent research into student learning of thermal physics has pinpointed some common difficulties encountered by students in both high-school and college-level courses. Curricular materials based on this research and pedagogical strategies designed to address the difficulties are now in development and undergoing class testing. I will present some of this recent work and open a discussion on teaching strategies for this subject.