SESSION H6: PHYSICS EDUCATION RESEARCH: SOLVED PROBLEMS AND OPEN QUESTIONS
Sunday Morning, 1 May 2011; Room: Terrace A-F at 10:45; John Thompson, University of Maine, presiding

Invited Papers

10:45

H6 1 Physics Education Research in Perspective: An Historical and Conceptual Overview*

DAVID E. MELTZER, *Arizona State University*

I will discuss the evolution of physics education research (PER) within an historical perspective that begins in the 1860s, focuses on developments in the post-World War II period, and extends towards diverse future pathways. PER has incorporated a broad array of themes that resonate with past developments in science education; however, it also provides unique perspectives that offer promise of potential breakthroughs in areas previously underexplored. Nonetheless, there is a long road from promise to realization, and I will try to identify key aspects of past accomplishments as well as of present and future challenges.

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