

PLEASE POST

Physics Department Seminar

Friday February 9th, 2001

11:00am in PhSc 105

“The Microcomputer-Based Approach to Teaching the Introductory Mechanics Laboratory”

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Abstract:

I will discuss my experience with the computer-based laboratories for Physics 4A, which employ force and motion sensors interfaced to PC desktops. This active learning approach enhances conceptual understanding of Newtonian dynamics---maybe. I'll briefly discuss the curriculum and the data so that you can judge the efficacy of this technique for yourselves. There will also be an opportunity for "hands on" experience with the tools.