

Abstract Submitted
for the TS4CF08 Meeting of
The American Physical Society

Student understanding of physical concepts based on in-class demonstrations. SERGIO FLORES, LUIS L. ALFARO, JUAN E. CHAVEZ — In-class demonstrations are a very important learning technique. In the department of physics of the University of Texas at El Paso, we have developed lecture and peer leaders workshops demonstrations that must be used once a week. These demonstrations are conducted by a demonstration coordinator, the peer leaders or a TA. In this way, we expect to improve the student understanding related to difficult topics they do not understand in most physics lectures. The demonstrations are set up at the beginning of the class or workshops to be used at any time the instructor or peer leader desires. Students are encouraged to participate being asked about the corresponding prediction of the concept being observed and developed.

Sergio Flores

Date submitted: 09 Sep 2008

Electronic form version 1.4