

Abstract Submitted  
for the MAR08 Meeting of  
The American Physical Society

**Teaching Physics for Agronomy Students: Contextualizing Laboratory Classes** ANA LÚCIA NOGUEIRA, Universidade Estadual de Montes Claros, ADRIANA DICKMAN, Pontifícia Universidade Católica de Minas Gerais — In this paper we discuss a method of teaching physics to agronomy majors. We use laboratory classes to apply basic physics concepts to common situations in agronomy. As an example, we report a project developed by the students involving the construction of a device, frequently used on farms, to transport water without burning fuel or using electricity. We believe that contextualizing helps to improve physics classes and increase students' motivation.

Adriana Dickman  
Pontifícia Universidade Católica de Minas Gerais

Date submitted: 25 Nov 2007

Electronic form version 1.4