**Short Course: Active Learning with**

***Interactive Lecture Demonstrations***

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# Section I: Papers on Active Learning

1. David R. Sokoloff, Ronald K. Thornton and Priscilla W. Laws, “RealTime Physics: Active Learning Labs Transforming the Introductory Laboratory,” *Eur. J. of Phys.*, **28** (2007), S83-S94.
2. David R. Sokoloff and Ronald K. Thornton, “Using Interactive Lecture Demonstrations to Create an Active Learning Environment,”*The Physics Teacher* **35:** 6, 340 (1997).

**Section II: *ILD* Prediction and Results Sheets for this course in English**

**Section III: *ILD* Prediction and Results Sheets for this course in Portuguese**

**Additional References**

1. David Sokoloff and Ronald Thornton, *Interactive Lecture Demonstrations* (Hoboken, NY, Wiley, 2004). Can be downloaded at: [**http://pages.uoregon.edu/sokoloff/ILDbook0116.pdf**](http://pages.uoregon.edu/sokoloff/ILDbook0116.pdf)
2. Ronald K. Thornton and David R. Sokoloff, "Assessing Student Learning of Newton's Laws: The *Force and Motion Conceptual Evaluation* and the Evaluation of Active Learning Laboratory and Lecture Curricula," *American Journal of Physics*, **66**:4, 338 (1998).
3. Lillian C. McDermott and Peter S. Shaffer, “Research as a Guide to Curricular Development: An Example from Introductory Electricity. Part I: Investigation of Student Understanding,” *American Journal of Physics* **60**:11, 994 (1992).