The Physics of Renewable Energy
by Harold Geller, George Mason University

Video Analysis of an Unrolling Mat Using Tracker
by Carl E. Mungan, Physics Dept, U.S. Naval Academy

Using Screencasts to Present Homework Solutions in the Introductory Physics course
by Randall Jones, Loyola University Maryland

Spectral Analysis Using Excel
by Phuc Tran, John Tyler Community College, Midlothian

Advanced CCD Photometry and Exoplanet Transit Photometry
by Kenny A. Diaz Eguigure, Howard Community College, University of Maryland, and Southern New Hampshire University

Acceleration of Rolling Objects
by Anshu Sharma, Randolph-Macon College

Using x-ray fluorescence spectroscopy to demonstrate Moseley’s Law
by Pegah Avazpour, Thaina Brito, Perry Wood, Debra Ellis, and Christopher Stromberg, University of Maryland, Frederick Community College, and Hood College

The Human Analemma Sundial
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Bathroom Physics Demos
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The Wave-Particle Duality of Light
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Make and Take Demo: Fun with Cartesian Divers
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