

THE UNIVERSITY OF MARYLAND DEPARTMENT OF PHYSICS
PROUDLY PRESENTS
THE 2009-2010 PUBLIC DEMONSTRATION PROGRAM SERIES

PHYSICS IS PHUN

Welcome to the 28th year of PHYSICS IS PHUN, hosted by Dr. Matthew Bobrowsky and the staff of the Physics Lecture-Demonstration Facility, assisted by numerous invaluable volunteers. These free public programs, which present physics at the high school level through the use of demonstrations, aim to educate, inform, and entertain. Interactive experiments will be available with volunteer supervision 30 minutes before each program. Each program is presented three times, on a Thursday, Friday, and Saturday.

2009 October 29, 30, 31: Exploring the Universe Using Telescopes and Physics

New for this year, 2009, the International Year of Astronomy, Dr. B. has a special presentation in commemoration of the 400th anniversary of Galileo's first use of the telescope. The program will include demonstrations of optics, properties of gases, atmospheric effects, and invisible kinds of light, as well as fascinating facts about the Hubble Space Telescope.

2010 January 7, 8, 9 (Snow dates Jan. 14, 15, 16): Good Vibrations

Experience vibrations, with applications to waves, sound, and light. Come early and make a ouija windmill.

2010 March 11, 12, 13: Going in Circles With Physics

Observe rotational physics, including angular momentum and Coriolis effects.

2010 May 6, 7, 8: When You're Hot, You're Hot

See thermodynamics in action with dangerous and exciting demonstrations.

Doors open 7:00 PM for hands-on activities, Program 7:30-8:30 PM
Physics Department Lecture Halls, Physics Building
University of Maryland, College Park, MD 20742

For directions and further information call 301-405-6045 or visit our web site.
www.physics.umd.edu/lecdem
To volunteer, call 301-405-7935 or 301-405-5949.