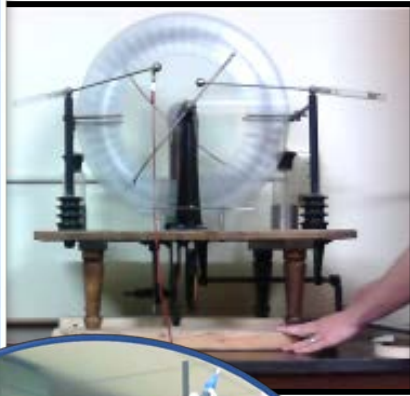


# DEMONSTRATIONS



## February 16, 2017 Demo Event

Join us for an hour of physics fun! In this nontraditional colloquium, the audience is encouraged to browse the “Demonstration Playground” that has been set up while enjoying provided hors d'oeuvres. We picked approximately twenty physics demonstrations for display. You may watch a demonstration or try it yourself! There will be volunteers near each demo that are more than happy to help with running the demo or answer any questions you might have. A short tutorial of the lecture demonstration website will also be presented. Tours of both demonstration rooms will be available during this time. We hope to see you there!

- Spacetime demo (stretched spandex)
- Jumping rings
- Optical pigs
- Eddy current rods
- Moment of inertia rods
- Penny and the Feather
- Loop the loop
- Hoop and disk
- Blackboard optics
- Blackboard mechanics
- Tesla Coils
- Van de Graaf
- Compasses and magnetic field lines
- NASA heat Shield
- Madgeburg sphere
- Chimneys
- Ignition piston
- Expanding balloon with heat
- Ball and ring
- Rocket bike