PHYSICS 2016

Activity/Event	Time	Location
Undergraduate Research Poster Session	10-11:30am	Small Hall Library
Liquid Nitrogen ice Cream	10am-4pm	Small Hall Main Lobby
Wave Explorations: Interactive Displays	10am-4pm	Small Hall, First Floor Corridor
Physics Playroom	10am-4pm	Small Hall, Room 122
Daylight Astronomy (weather permitting)	10am-4pm	Small Hall, Roof (take elevator to P)
Outdoor Physics (weather permitting)	10am-4pm	Lawn Outside Small Hall
Interactive Demo Shows	10:30am-4pm (see schedule below)	Small Hall 110
Research Laboratory Visits and Treasure Hunt	11am-2pm	Small Hall; Basement and First Floor
Public Lectures	11am-3pm (see schedule below)	Small Hall Lecture Hall; Room 111
Small Hall Makerspace Open House	12-4pm	Small Hall, Room 143

Important: We are happy to see you in Small Hall, but please keep in mind that you are visiting operating research facilities. Please do not touch any research equipment. Children must be supervised at all times.

Participating Laboratories

Hyperpolarized Gases for Nuclear Physics (Todd Averett, Room 167)

Photon Spectroscopy (Mumtaz Qazilbash, Basement, Room 024)

Thin Films and Nano-science (Ale Lukaszew, Basement, Room 030)

Quantum Optics and LIGO (Eugeniy Mikhailov, Basement, Room 032)

Ultrafast Studies of Novel Materials (Gunter Luepke, Basement, Room 064)

Public Lectures and Demo Show Schedule

Time	*Small 111*
11:00 am	Eugeniy Mikhaliv: *LIGO and discovery of the gravitational waves*
12:00 pm	Enrico Rossi: *Nobel Inspired Lecture Alice in Topological Wonderland*
1:00 pm	Anna DeJong (CNU): *Radio Waves in the Solar System*
2:00 pm	Mark Hinders: *Non-linear acoustics scarecrow*

Time	Small 110
10:30am	Physics Demo Show!
11:30am	Physics Demo Show!
12:30pm	Physics Demo Show!
1:30pm	Physics Demo Show!
2:30pm	Physics Demo Show!
3:15pm	Physics Demo Show!

Hands On Interactive Displays

Oobleck Pool (outside)
Speed of Light and Sound Race (outside)
Microwave Melting Pot
Dancing Oobleck and Sand Standing Wave
Seismic Wave
Gravity Well
Hovercraft
Interference of Light and Sound
Laser Maze

Parking may be harder than usual due to Homecoming activities on Campus, but there are often some spaces available in the parking garage and parking lots on Ukrop Drive—they are open to the public!

WILLIAM & MARY