

PHYSICS FEST 2018

Activity/Event	Time	Location
Undergraduate Research Poster Session	10-11:30am	Small Hall Library
Liquid Nitrogen Ice Cream	10am-4pm	Small Hall Main Lobby
Nature Explorations: Interactive Displays	10am-4pm	Small Hall, First Floor Corridor
Physics Playroom	10am-4pm	Small Hall, Room 122
Daylight Astronomy (weather permitting)	10am-4pm	Lawn Outside Small Hall
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	12am-2pm	Small Hall; Basement and First Floor
Public Lectures (30 mins each)	11am-2:30pm (see schedule below)	Small Hall Lecture Hall; Room 111
Small Hall Makerspace Open House	12-4pm	Small Hall, Room 143
Ask a Physics Professor Booth	2-4pm	Small Hall Main Lobby

Public Lectures and Demo Show Schedule

Time	Small 111
11:00 am	Bill Cooke: <i>Alternative Energy</i>
12:00 pm	Gunter Luepke: <i>Nobel Inspired Lecture Tools Made of Light</i>
1:00 pm	Josh Erlich: <i>Physics of Chocolate</i>
2:00 pm	Irina Novikova: <i>Colors in Nature</i>

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

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

Ultrafast studies of novel materials (Gunter Luepke, Basement, Room 064)

Bose-Einstein Condensates (Seth Aubin, Basement, Room 069)

Photon Spectroscopy (Mumtaz Qazilbash, Basement, Room 024)

Hyperpolarized Gases for Nuclear Physics (Todd Averett, Room 163)

Virtual JLab Detector Tour (10am-2pm, Justin Stevens, Room 133)

Hands-on Interactive Displays

Oobleck Pool (outside)

Magnetic Obstacle Course

Microwave Melting Pot

Physics of Weather, Physics of Lightning

Gravity Well

Hovercraft

Physics of Volcanoes

Physics of Colors and Rainbows

Stomp Rockets and Archery (outside)



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!