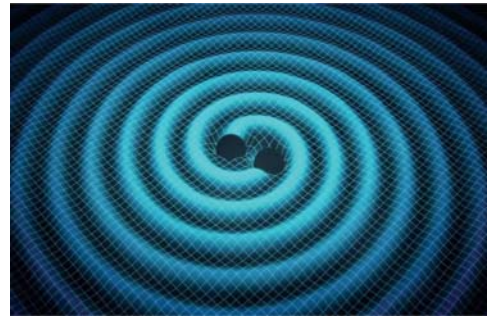
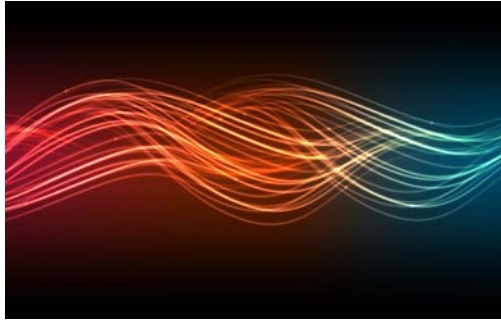
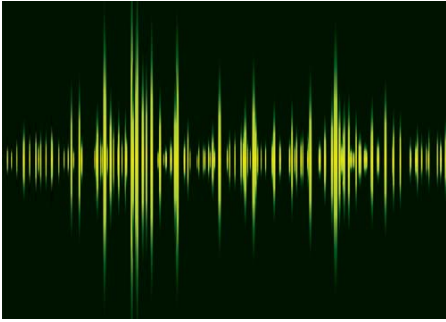


# Waves Here, There, and Everywhere



LEARN THE BASICS ABOUT...

SOUND  
WAVES

LIGHT  
WAVES

GRAVITATIONAL  
WAVES

(A new kind of wave that has recently been observed for the first time)

Hands-on activities will be used to teach concepts such as wavelength, frequency and energy. A kit for classroom use with materials and lesson plans to engage students in hands-on activities, multimedia content and an educator guide to gravitational waves will be provided. A tour of the National Center for Physical Acoustics is also included in the workshop.

**GRADES:** 6-12 Science Teachers

**DATES:** June 6-7, 2016

**TIMES:** June 6 - 9:00AM - 4:00PM | June 7 - 8:30AM - 1:00PM

**LOCATION:** Jackson Avenue Center, University of Mississippi, Oxford

**REGISTRATION:** \$225 (includes 1.0 CEUs)



Lead facilitator will be Dr. Marco Cavagliá, a University of Mississippi Associate Professor in the Department of Physics and Astronomy. He is also a member of the LIGO Team, who proved Einstein's theory of gravitational waves, as seen in the New York Times.

Joining Dr. Cavagliá will be other members of the LIGO Team.

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