Light, Time, and Einstein’s Relativity

Monday, October 26, 2015, 7:30 PM

Behavioral Sciences Building 101

Reception with refreshments will follow

Website with more information: www.physics.colostate.edu/news-events/

This public lecture is sponsored by the Department of Physics and the College of Natural Sciences.

Speaker:
Nobel Laureate
John L. Hall

JILA, University of Colorado and National Institute of Standards and Technology.

The ability to measure the frequency of light has improved drastically by a thousand times. This allows physicists to verify if physical constants are really constant in time, or if they have changed during the course of the universe.

Dr. Hall is the recipient of the 2005 Nobel Prize in Physics for developing precision laser spectroscopy and the optical comb technique which led to extremely accurate frequency and time measurements. He will talk about tests of Einstein’s Relativity Theory using his clocks. Dr. Hall is a native Coloradoan.