

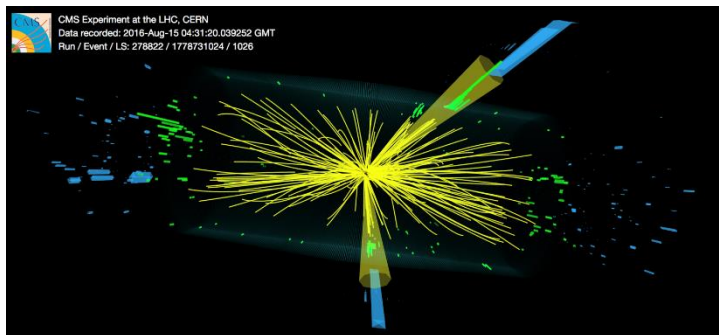


LABORATORY FOR ELEMENTARY-PARTICLE PHYSICS (LEPP)

# Joint Experimental and Theory Seminar in Particle Physics and Cosmology

## Michael Krohn

University of Colorado



## Boosted Higgs: Precision Measurements and New Physics

The 13 TeV data at the LHC has yet to indicate the nature of physics beyond the Standard Model. Therefore, it is necessary for searches at colliders to develop new techniques to access unexplored regions of phase space. One avenue to these regions is by searching for high momentum Higgs bosons. In this talk, I will highlight a search for new physics and a precision Standard Model measurement that increased their sensitivity by utilizing boosted Higgs bosons.



**Monday, May 21, 2018**

**3:00pm**

**301 Physical Sciences Bldg.**

