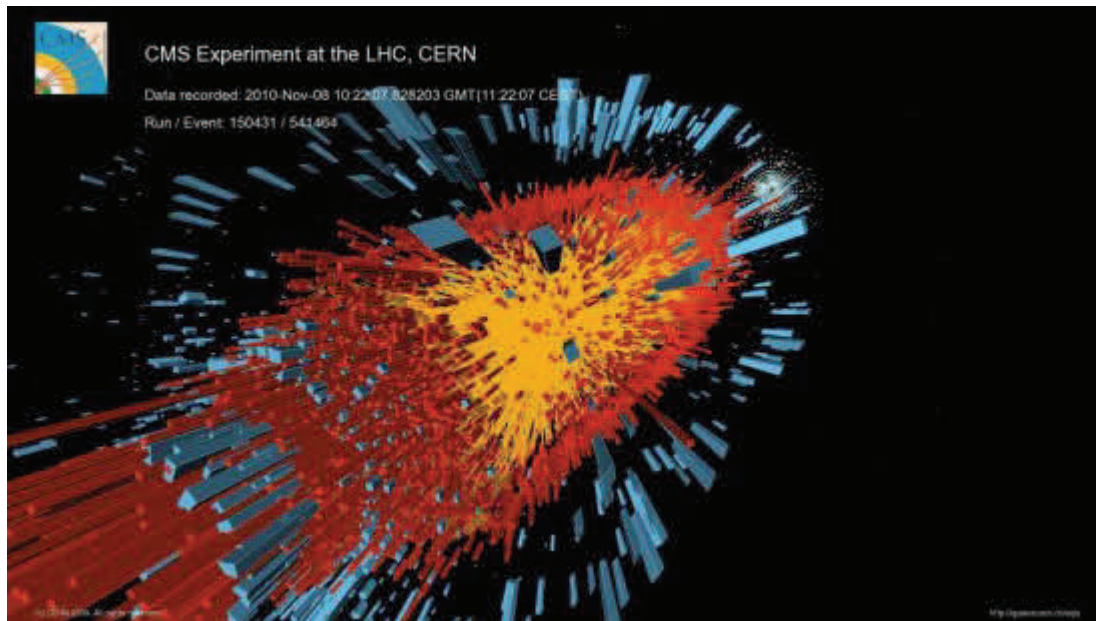


The Department of Physics and Space Sciences presents:

# "Electro-weak Physics at CMS"



Since the first LHC collision at 7 TeV center-of-mass energy in 2010, the CMS detector has recorded the LHC data with very high efficiency.

At CMS, the electro-weak physics program has served as standard candles to help detector commissioning. The large sample of recorded W/Zs and di-boson pairs has enabled precise measurement of many Standard Model processes to test higher-order predictions and work as probes to new physics beyond-the-Standard-Model. Along with the advance in the phenomenology of LHC physics, the electro-weak physics at CMS offers a unique window to explore the proton structure function in an unprecedented territory. This talk focuses on recent highlights of the CMS electro-weak physics.



Speaker: Dr. Ping Tan  
University of Iowa

Friday, November 16th  
4:00-5:00 PM  
OPS Room 140