



# Physics Seminar

**Friday, 3:30 pm Feb. 18, 2011**

## Nuclear Physics at Jefferson Laboratory

*Dr. Joseph M. Katich*  
University of Colorado

Our understanding of fundamental particles and their interactions has greatly evolved over the last 100 years. While the details of these areas can be daunting, the overall concepts of the governing theories and experimental techniques are quite accessible. The purpose of this talk is three-fold. First, it will serve as an introduction to the “Standard Model” – that is, our current collection of knowledge with regard to elementary particles and their interactions. Next, basics of the experimental techniques used to investigate these particles will be discussed. Finally, some recent surprising and interesting results will be presented

Location: Ross 0220 (Ground level of Ross Hall)

(Refreshments will be served at 3:20pm.)

Physics/EPS/NHS/UNC  
[ruwang.sung@unco.edu](mailto:ruwang.sung@unco.edu) 970-351-2961  
<http://www.unco.edu/nhs/physics/>