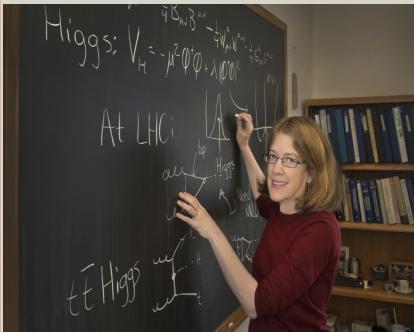


UNL Department of Physics and Astronomy presents:
Tracking the Big Questions of Particle Physics

PRESENTED BY
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Upton, NY



THURSDAY
NOVEMBER 3
4:00 PM
IN JH 136

Refreshments will be served in the JH 1st Floor Vending Area at 3:30

ABSTRACT

The discovery of the Higgs boson in 2012 completes the particle spectrum of the standard model of particle physics, but leaves many fundamental questions unanswered. I will discuss progress in understanding the properties of the Higgs boson and argue that the next decade will provide a wealth of data to address basic questions such as: “Why is the top quark heavy?”, “Why is the Higgs boson light?” and “What is dark matter?” among others.