

SCIENCE SEMINAR

Thursday, October 11 - Carson Taylor 322

will feature

Dr. Markus Wobisch

Associate Professor of Physics - Louisiana Tech University

presenting

“The strong force – how strong?”

The strongest of the four fundamental forces, while not directly visible in everyday life, ensures that atomic nuclei and their constituents, protons and neutrons, are stable. An overview of the role and the basic properties of the strong force is given. It is shown how its strength can be determined from experimental data in high-energy particle collisions. Data taken at three different particle colliders are used to determine the strength of the strong force, and to study how it changes with energy from 5 GeV to 1600 GeV.

Come at 3:30pm for refreshments, speaker at 4:00pm