

**SEMINAR**  
**CENTER FOR APPLIED MATHEMATICS AND SCIENCE**  
**DEPARTMENT OF MATHEMATICS**  
**UNIVERSITY OF WEST GEORGIA**

**2:00 PM, THURSDAY, OCTOBER 6, 2011, BOYD 306**

**Speaker: Dr. Nguyen Van Minh, Department of Mathematics, UWG**

**Title: Evolution and Long Term Behavior of Systems**

Abstract: In this talk I will try to trace the needs of mathematics of various levels in understanding simple questions of long term behavior of populations. I will discuss how some advanced areas of mathematics like theory of functions, theory of transforms, linear algebra, dynamical systems are needed to understand the evolution of populations. The discussion will be very informal to be accessible to an audience with very little knowledge of mathematics in general. Anybody with Calculus-1-level knowledge of mathematics is welcome to attend.

All are welcome.