

APPLIED MATHEMATICS SEMINAR
Department of Mathematics
State University of West Georgia
3:30 PM, MONDAY, FEBRUARY 7, 2005, BOYD 301

Speaker: Dr. Nguyen Van Minh, UWG

Title: **Almost Automorphic Solutions of Evolution Equations**

Abstract.

In this lecture I will talk about recent developments in the study of almost automorphic solutions of evolution equations of the form $u'(t) = Au(t) + f(t)$, where A is the generator of a C_0 -semigroup on a Banach space X , f is an almost automorphic function taking values on X . The results covered in the talk include a new concept of uniform spectrum of a bounded function and applications in the framework of the method of sums of commuting operators.

All faculty and students are welcome.