

APPLIED MATHEMATICS SEMINAR
Department of Mathematics
State University of West Georgia
3:30 PM, MONDAY, JANUARY 24, 2005, BOYD 301

Speaker: Dr. Hassane Bouzahir, Fulbright Visiting Scholar at the University of Miami

Title: **Existence of a global attractor for partial neutral functional differential equations with infinite delay**

Abstract.

We present some general results about partial neutral functional differential equations with infinite delay. We develop problems of existence of solutions, stability and existence of a global attractor. Besides its origin in the description of transmission lines systems, the class of equations we are interested in is a special case of age structured populations models.

All faculty and students are welcome.