



# Applied Mathematics



## McGill & CRM Applied Mathematics Seminar

2:35 pm Monday 5th April 2004

At McGill, Burnside Hall 1205

### “Weaving Temporal Lags with Spatial Dispersal in Population Dynamics: Modeling and Dynamics”

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*Coffee and refreshments will be served after the seminar*

**Abstract:** The talk will give a short survey of the current progress in modeling time lag involved in the self-regulatory mechanism of biological systems. The modelling process leads naturally to many infinite dimensional dynamical systems including parabolic and hyperbolic partial functional differential equations with delayed and non-local nonlinearities. Recent work on nonlinear dynamics and global attractors will be discussed.

