

Applied Dynamical Systems Seminar

*Mr. Xiao Yu
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*Monday, March 9, 2015
1 - 2 pm in HH-3026*

*Traveling waves and spreading speeds for time-space
periodic monotone systems: I. The abstract theory*

Abstract:

In this talk, I will report our newly developed theory on monostable traveling waves and spreading speeds for time-space periodic monotone semiflows. I will present the existence of the minimal wave speed and its coincidence with the spreading speed no matter whether the spreading speed is linearly determinate. This is a joint work with Dr. Jian Fang and Dr. Xiaoqiang Zhao.