

WORKING AND LITERATURE SEMINAR

Topic: Global Dynamics of Heterogeneous Lotka-Volterra Competition-Diffusion Systems

Speaker: Prof. Wei-Ming Ni

Time: 15:00-16:00, 24 February 2014

Venue: Room 379, Geography Building, 3663 Zhongshan Road North, Shanghai
(华东师范大学中山北路校区, 地理楼 379 室)

ABSTRACT OF THE TALK

In this talk, we will discuss the joint effects of diffusion and spatial variation on the global dynamics of a classical Lotka-Volterra competition system. A complete understanding of the change in dynamics is obtained in terms of diffusion rates, and various special cases will be discussed to illustrate the understandings.

BIOGRAPHY

Wei-Ming Ni is Professor of Center for PDE, East China Normal University and University of Minnesota.