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Chiun-Chuan Chen is currently a professor of mathematics at National Taiwan University. He obtained his PhD in mathematics at National Taiwan University and held academic positions at Academia Sinica and National Chung Cheng University. His research interests include elliptic equations, reaction-diffusion equations and calculus of variations.

Title: Travelling wave solutions of the 3-species Lotka-Volterra competition system with diffusion

Abstract: A three species competition-diffusion system may display cyclic competition and complicated behavior. To study the dynamics of the system, it is important to understand the traveling waves solutions. In this lecture we will report some of the recent progress on travelling wave solutions of the 3-species Lotka-Volterra competition system with diffusion.