

***TRAVELING WAVES FOR REACTION-DIFFUSION MODELS
AND SHALLOW WATER WAVE EQUATIONS***

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Time: Thu, Dec 10, 14:30-15:30

Tencent room: 860 496 816

Abstract: In this talk, we discuss the dynamics of solitary wave, traveling wave and periodic wave solutions for some shallow water wave equations and reaction-diffusion models by using the method of dynamical system, especially the geometric singular perturbation theory and invariant manifold theory as well as Abelian integral and asymptotic theory.