

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Analysis Seminar

On long time dynamics of wave map equations

Dr. Baoping Liu

Beijing International Center for Mathematical Research
Peking University

Abstract

In this talk, I will review the long time dynamics for wave map equations. In particular I will discuss the joint work with Andrew Lawrie, Wilhelm Schlag and Carlos Kenig on the exterior wave maps, where we proved that all finite energy initial data will lead to a global solution that scatters to one harmonic map in the corresponding equivariant and topological class.

Date: May 3, 2018 (Thursday)

Time: 3:00 - 4:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

All are welcome