

Colloquium

Yuzhao Wang
Memorial University

Friday October 3, 2014
2:00 p.m., HH-3017

Partial periodic hyperbolic Schrodinger equation

Abstract:

This talk will address the IVP of hyperbolic Schrodinger equation in $R \times T$ case. We combine the decay property of Schrodinger equation along real line and some number theoretic techniques to obtain a dispersive estimate--Strichartz estimate - and then a local well-posedness follows in a standard way.