

## ***PDE, COMPLEX ANALYSIS AND DIFFERENTIAL GEOMETRY SEMINAR***

**Guest Speaker: Fangchi Yan**

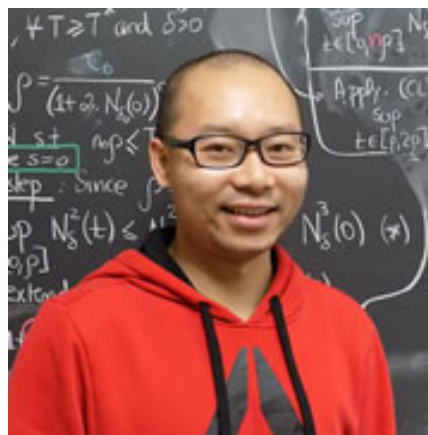
**Virginia Polytechnic Institute and State  
University**

**Date:** Friday, June 9, 2023

**Time:** 11:00 AM

**Location:** 258 Hurley Hall

**Zoom URL:** NA



***Lecture Title:***

**Trilinear estimates for nonlocal equations**

***Abstract***

We shall present trilinear estimates in Burgain spaces that are needed for proving the well-posedness in Sobolev spaces of the Cauchy problem of nonlocal dispersive equations with cubic nonlinearities. This is work with Alex Himonas.