

A decorative border with floral and leaf motifs surrounds the text. The border is composed of a central horizontal line with a small decorative element in the middle, and two vertical lines on the left and right sides, each with a decorative flourish at the top and bottom.

# STONY BROOK MATH CLUB

## Faculty talk

with Yongquan Zhang

*“Curves on surfaces”*

Curves on surfaces reveal a lot of geometric and topological information, not just about a single surface, but also about their deformations. In this talk, starting from the torus (the simplest nontrivial example), we will try to explore the many ways of studying curves and discuss connections with many areas of mathematics.

THURSDAY, NOVEMBER 30, 2023  
7:00–8:00 PM IN P-131, MATH TOWER