Colloquium

University of Notre Dame
Department of Mathematics
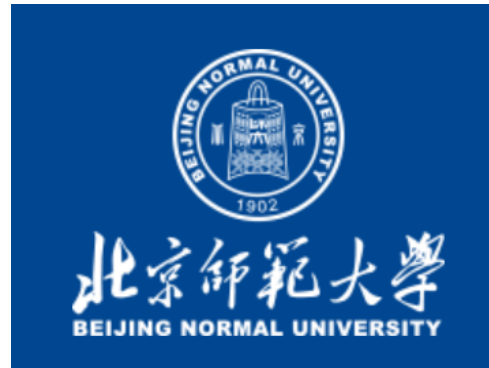
Speaker: Fan Qin

Beijing Normal University

Will give a lecture entitled
An introduction to cluster algebras through topological models

Date: Wednesday, April 17, 2024
Time: 4:00 PM
Location: 129 Hayes-Healy Bldg

Departmental Tea: Tea in Room 257 (lounge in Hurley Hall) at 3:30 p.m.

Zoom URL: https://notredame.zoom.us/j/99986867672?
pwd=Z2NJRlZwL0dTR0Nxbk50NElHK0dNdz09

Abstract:

Cluster algebras are algebras with a rich combinatorial structure. They are ubiquitous in mathematics. In this talk, we will introduce these algebras using topological models on surfaces. We will construct their bases and explain the mathematical theories hidden behind these bases.