

Colloquium

University of Notre Dame
Department of Mathematics

Natasha Dobrinen - University of Notre Dame

Speaker: Natasha Dobrinen

University of Notre Dame

Will give a lecture entitled
Structural Ramsey theory, finite and infinite

Date: Wednesday, April 24, 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: [notredame.zoom.us/j/99986867672?](https://notredame.zoom.us/j/99986867672?pwd=Z2NJRIZwL0dTR0Nxbk50NEIHK0dNdz09)
[pwd=Z2NJRIZwL0dTR0Nxbk50NEIHK0dNdz09](https://notredame.zoom.us/j/99986867672?pwd=Z2NJRIZwL0dTR0Nxbk50NEIHK0dNdz09)

Abstract:

We will present an overview of finite and infinite structural Ramsey theory. We will then hone in on the example of triangle-free graphs, discussing set-theoretic, topological, and computability-theoretic aspects from works of Dobrinen, Dobrinen-Zucker, Cholak-Dobrinen-McCoy, and Cholak-Dobrinen-Towsner.