

## ***TOPOLOGY SEMINAR***

**Guest Speaker: Clara Löh**  
**University of Regensburg**

**Date:** Tuesday, May 4, 2021

**Time:** 2:30 PM

**Location:** Zoom

**Zoom Link:** [notredame.zoom.us/j/97262637721](https://notredame.zoom.us/j/97262637721)

**Lecture Title:**

**Open covers with geometric  $\pi_1$ -constraints**

**Abstract**

We consider versions of the Lusternik-Schnirelmann category with  $\pi_1$ -constraints of geometric origin, such as amenability or polynomial growth. I will survey the connection with topological volumes such as simplicial volume.

