Topology Seminar at Texas State

**When:** Friday, November 18, 2022, 12:00 noon–1:20 p.m.
**Where:** DERR 333 and ZOOM (Zoom info at bottom of page)

**Presenter:** Joey Hirsh
**Title/Topic:** Introduction to $A_\infty$–algebras (Part 2)

**Abstract:** In this meeting, we’ll illustrate the concepts discussed last week, by establishing a cellular model for the complement of the Borromean Rings (see figures below), a link in which no two components are linked in 3-space and yet all three components are linked in 3-space. See the bottom figure. We then use this cellular model to compute a dg algebra for the link complement via intersections or cochains.

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**Zoom Information**

Meeting URL (click this)
Meeting ID: 977 0390 3382
Password: manifolds