

1 Potential Presentation Topics

1. Knot theory
2. Category theory
3. The Poincare Conjecture
4. Any topic in Munkres beyond chapter 4
5. Ultrafilters
6. Morse theory
7. Euler characteristics

The following topics have been (**tentatively**) claimed. Note that for many of these it is quite possible for multiple people to give presentations on different aspects of the topic.

1. Topological data analysis (Jon)
2. Algebraic topology (Mikhail)
3. Banach spaces and Hilbert spaces (Nilay)
4. Differential topology (Larry)
5. Munkres Chapter 5: Tychonoff's Theorem and Stone-Cech (Buzz)
6. Manifolds and classification of surfaces (Bernard)
7. Projective Geometry (Chai)
8. Topological Groups (Suchindram)
9. Topological Groups II (Yile???)
10. Topological Graph Theory (Leo)
11. Borsuk Ulam and Applications (Vishal)