

## **Spring-2025**

January 14th Organizational meeting

January 21st No Seminar

January 28th Jonathan Scott, Cleveland State University, "Simplicial loop spaces"

February 4th Basak Gurel, University of Central Florida, "Invariant Sets and Hyperbolic Periodic Orbits"

February 11th Zach Thomas, UF, "Vectorizations In Persistent Homology Through Dual Spaces"

February 18th Henry Adams, UF, "When do Hausdorff and Gromov-Hausdorff distances coincide?"

February 25th Hubert Wagner, UF, "Approximations in Bregman geometry"

March 4th Lorenzo Ruffoni, Binghamton University, "A Singer conjecture for right-angled Coxeter groups with nerve a surface"

March 11th Nicolo Zava, Institute of Science and Technology Austria, "Dimension of the Gromov-Hausdorff space and applications to computational topology"

March 25th Ekansh Jauhari, UF "On symmetric products of orientable surfaces"

April 1st Peter Bubenik, UF "Metrics for derived persistence modules"

April 8th Sai Bavisetty, UF Shands "Boolean Networks: Asymptotic Upper Bounds for Stability"

April 15th Luca Di Cerbo, UF "The state of the arts for the Singer conjecture on Kaehler manifolds"

April 22nd Wanchen Zhao, UF "Wasserstein Stability for Barcodes and Persistence Landscapes"

## **Fall-2025**

August 26th Organizational meeting

September 9th Luca Di Cerbo "Curvature, Macroscopic Dimensions, and Symmetric Products of Curves"

September 16th Tomoya Tatsuno, University of Oklahoma "Sectional Curvature Pinching of Two-Step Nilmanifolds"

September 23rd Aditya De Saha "Coarse LS Category"

September 30th Satya Howladar "On Gromov's Conjecture for Graph Product of Groups"

October 7th Himanshu Yadav "Cycle Representatives, Localization, Statistics, and Visualization"

October 14th Simone Cecchini, Texas A&M "Positive scalar curvature with point singularities"

October 21st Hubert Wagner "Computational aspects of discrete Morse theory"

October 28th Henry Adams "Quantitative Borsuk-Ulam theorems"

November 4th Alex Dranishnikov "Distributional topological complexity of lens spaces"

November 18th Ekansh Jauhari "Bochner-type theorems revisited"

December 2nd Sergei Shabanov "Affine symplectic structures in gauge systems"

December 9th Florian Frick, Carnegie Mellon "Zeros by symmetry: Chebyshev systems and Ramsey theory"