

Spring-2019

January 15th Organizational meeting

January 22nd M. Abdalla, Second Minimal Orbits, Sharkovski Ordering, and Universality in Chaos

January 29th A. Dranishnikov Dimension of product of groups

February 5th Michelle Daher On Macroscopic dimension of non-spin 4-manifolds with residually finite fundamental group

February 12th Phil Boyland Statistical Stability for Barge-Martin attractors derived from tent maps

February 19th Kevin Knudson Discrete Stratified Morse Theory

February 26th Jed Keesling Using Toral Automorphisms to Generate Random Numbers

March 12th John Oprea, Cleveland State University Categorical constraints on geometry

March 19th Bin Sun, Vanderbilt University Cohomology of group theoretic Dehn fillings

March 26th Parker Edwards Persistence Landscapes are Graded Persistence Diagrams

April 2nd Mike Hull Random walks in groups acting on hyperbolic spaces

April 9th Luca Di Cerbio On smooth projective varieties with large fundamental group

April 16th Nikola Milicevic Homology and Homotopy Theories of ech Closure Spaces

April 23rd No seminar

Fall-2019

August 27th Organizational meeting

September 10th Mohamed Elhamdadi, USF Conness periodicity for Quaternionic homology

September 17th Alex Wagner Embeddings of Persistence Diagrams into Hilbert Spaces

September 24th Peter Bubenik Algebraic distances for persistent homology

October 1st Nikola Milicevic Discrete and indiscrete algebraic pretopology

October 8th Luca Di Cerbo Benjamini-Schramm Convergence and Hyperbolic Manifolds

October 15th Ashleigh Thomas The space of poset modules: Influences of the choice of poset

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October 29th Parker Edwards Stability for Graded Persistence Diagrams

November 5th Dan Cohen, LSU On graphic arrangement groups

November 12th Levi Sledd, Vanderbilt University Assouad-Nagata dimension of $C'(1/6)$ groups

November 19th Matthew Wheeler Bows and Twistors

November 26th No Seminar

December 3rd Alex Dranishnikov Moving manifolds in the Gromov-Hausdorff space