

Spring-2022

January 11th Organizational meeting

January 18th Justin Curry, SUNY Albany

January 25th Luca di Cerbo, “Extended Graph Manifolds, and Einstein Metrics II”

February 1st Hubert Wagner, “Bregman geometry and topology”

February 8th Alex Elchesen, “Relative Optimal Transport and Universality of The Wasserstein Distance”

February 15th Dmytro Savchuk, USF, “Solenoidal maps, automatic sequences, Van Der Put series, and Mealy-Moore automata”

February 22nd Luca Di Cerbo, “On the impossibility of four-dimensional complex-hyperbolic Einstein Dehn filling”

March 1st Udayan Darji, University of Louisville, “Shadowing in zero-dimensional spaces”

March 15th Johnathan Bush, “Gromov-Hausdorff distances between spheres”

March 22nd Alex Dranishnikov, “On the LS-category of group homomorphisms”

March 29th Antoine Song, UC Berkeley, “Bounded sectional curvature and essential minimal volume”.

April 5th Peter Bubenik, “Homotopy, Homology, and Persistent Homology using Closure spaces and Filtered Closure spaces”.

April 12th Iryna Hartsock. “Paths in the spaces of generalized persistence diagrams”

April 19th Phil Boyland, “The abundance of strictly minimal sets”

Fall-2022

August 30th Organizational meeting 5th period LIT 368

September 13th Michael Zarichnyi “Topological structure of spaces of persistence diagrams”

September 20th Michael Zarichnyi “Topological structure of spaces of persistence diagrams.II”

September 27th Peter Bubenik “Exact weights, path metrics, and algebraic Wasserstein distances”

October 4th Hubert Wagner “Proofs, refutations and (GPU) computations”

October 11th Alex Dranishnikov “Embedding of the Higson compactification into the product of solenoids”

October 18th Iryna Hartsock “Learning on Persistence Diagrams as Radon Measures”

October 25th Mark Stern, Duke University “Nahm transform for ALF spaces”

November 1st Luca Di Cerbo “On Singer-Hopf Conjecture in Dimension Four”

November 8th Kevin Knudson “The Friedlander-Milnor Conjecture”

November 15th Nursultan Kuanyshov “On the Lusternik-Schnirelmann category of homomorphisms between discrete groups”

November 22nd No seminar

November 29th Hayden Hunter “On Higher Dimensional Milnor Frames”

December 6th Oleg Musin, UTRGV “Discrete analogs of fixed point theorems and their applications”