

## **Spring-2018**

January 16th organizational meeting

January 23rd Jindra Zapletal, "Universal minimal flows and Ramsey theory"

January 30th Phil Boyland, "Tent map inverse limits and matchbox charts"

February 6th Mike Hull, "Equations, homomorphisms, and hyperbolicity"

February 13th Alex Dranishnikov, "On Gromov's PSC conjecture for abelian groups"

February 20th Kevin Knudson, "Discrete Stratified Morse Theory"

February 27th Nikola Milicevic, "A convenient category of persistence modules"

March 13th Thomas Prellberg, (Queen Mary University of London) "Multiple Intermittency and q-State Spin Chains"

March 20th Don Stanley, (University of Regina, Canada), "Homotopy type of configuration spaces"

March 27th Jed Keesling, "Generalized Covering Spaces"

April 3rd Trevor Davila, "Coarse amenability and decomposition complexity growth"

April 10th Trevor Davila, "Coarse amenability and decomposition complexity growth.II"

April 17th Mike Catanzaro, "A model for random chain complexes"

April 24th no seminar

## **Fall-2018**

August 28th Organizational meeting

September 11th Luca Fabrizio Di Cerbo "Hyperbolic Manifolds of Small Volume, I"

September 18th Luca Fabrizio Di Cerbo "Hyperbolic Manifolds of Small Volume, II"

September 19th Tom Needham, Ohio State University "Gromov-Monge Quasimetrics and Distance Distributions" Special meeting at 3:00-3:50 LIT 233

September 25th Edgar Bering, Temple University "When can you twist out exponentially growing outer automorphisms?"

October 2nd Mike Hull, "Homomorphisms to 3-manifold groups"

October 9th Carolyn Abbott, UC Berkeley "Ordering actions on hyperbolic spaces"

October 16th Peter Bubenik, "The persistence landscape and some of its properties"

October 23rd Osman Okutan, Ohio State "Metric graph approximations of geodesic spaces"

October 30th Alex Dranishnikov, "Lusternik-Schnirelmann category and the fundamental group"

November 6th Luigi Lombardi, Stony Brook, "Asymptotic growth of cohomology ranks and vanishing of  $L^2$  Betti numbers"

November 13th Trevor Davila, "Infinite Dimensional Coarse Geometry of Groups and Spaces"

November 20th Vladimir Chernov, Dartmouth College

November 27th Andres Angel, University of Bogota, Columbia, "Equivariant topological complexities and Morita equivalence"

December 4th Eric Pedersen, University of Copenhagen "Controlled algebra"