

2020

Spring-2020

January 14th Mark Stern, Duke University, "A coarse Cheeger inequality for 1-forms"

January 21st Phil Boyland "N-fold minimal set measures for circle maps"

January 28th Jed Keesling "The geometry of the Stone-Cech Compactification"

February 4th Andrs Mauricio Lpez Barragn, Federal Rural University of the Rio de Janeiro, Brazil,

February 11th Thomas Banchoff, Brown University, Fifty years of Discrete Critical Points

February 18th Zach Hamaker, "Some techniques for shellability"

February 25th Albert Fathi, Georgia Tech, "Cut locus in Riemannian Geometry"

March 10th Luca Di Cerbo, "Seshadri constants, fake projective planes, and related topics"

March 17th No seminar

March 24th No Seminar

March 31st Alex Elchesen, "Universality of Persistence Diagrams and the Wasserstein Distances"

April 7th Dana Bartosova, "Universal minimal flows of locally compact non-Archimedean groups with two-sided invariant metrics"

April 14th Alex Dranishnikov, "Topological complexity of hyperbolic groups"

April 21st Kevin Knudson, "Approximate triangulations of Grassmannians"

Fall-2020

September 15th Vladimir Chernov (Dartmouth College) "Khovanov homology and causality in spacetimes"

September 22nd Michael Daher "Cell-like maps and convergence in the Gromov Hausdorff Space"

September 29th Jamie Scott "The LS-category and the Topological Complexity of Maps" (oral exam)

October 6th Luca Di Cerbo "Some thoughts about 3-manifolds"

October 13th Michael Albanese (Universit du Qubec Montral (UQAM) McGill)
"Connected Sums of Almost Complex Manifolds"

October 20th Henry Adams (Colorado State University) "Bridging applied and
quantitative topology"

October 27th Alex Dranishnikov "On Iwase's manifolds"

November 3rd Peter Bubenik "Topology and Deep Learning"

November 10th Basak Gurel (UCF) "Symplectic topology and dynamics of
pseudo-rotations"

November 17th Phil Boyland "On the abundance of Denjoy minimal sets"

December 1st Jan Boronski (AGH University of Science and Technology, Krakow,
Poland) "Crovisier-Pujals-like 1-dimensional models for Lozi maps within the
Misiurewicz parameter set "

December 8th Leone Slavich "Compact hyperbolic manifolds without spin struc-
ture"