Schedule of Talks for Spring Semester

February 6

Thanos Gentimis, *Introduction to the Assouad-Nagata dimension*

Abstract. The Assouad-Nagata dimension theory appeared by merging ideas from general topology (Nagata) and Rimemannian geometry (Assouad). We apply this concept to finitely generated groups. An elementary introduction to the theory will be given.

February 13

Thanos Gentimis, *Introduction to the Assouad-Nagata dimension* II

February 20

Brad Groff, *Cayley graph and cayley complex*

February 27

Rob Newton, *Introduction to the Lusternik-Schnirelmann category*

March 5

Rob Newton, *Introduction to the Lusternik-Schnirelmann category* II

March 19

Rob Newton, *Introduction to the Lusternik-Schnirelmann category* III

March 26

Thanos Gentimis, *Asymptotic dimension of trees*

April 2

Brad Groff, *Introduction to Coxeter groups and CAT(0) spaces*

April 9

Brad Groff, *Introduction to Coxeter groups and CAT(0) spaces* II

April 16

Jeremiah Eisenmenger, *Introduction to amenable groups*

April 23

Catherine Dooley, *Introduction to expanders*