

MOTIVES SEMINAR: ORGANIZATIONAL MEETING

- (1) Meeting time: There have been a few requests to move seminar time slot. The only other possible time is Wednesday, 3-4 PM.
- (2) Specific topics for upcoming talks
 - Basics of intersection theory: cycles, intersections, push/pull
 - adequate equivalence relations
 - main results on Chow groups (see [MNP], appendix A)
 - category of correspondences
- (3) Upcoming speakers
 - Patrick on introduction to algebraic cycles
 - Alex on adequate equivalence relations
 - Candace on the category of correspondences?
- (4) Reference material
- (5) Goals: We would like to cover the basic language of motives so that students may begin a study of related topics. Such topics include:
 - Rost nilpotence and motivic decompositions for homogeneous varieties
 - noncommutative Chow motives (à la Tabuada)
 - motivic cohomology and \mathbb{A}^1 -homotopy