Geometric Topology, PKH 301

Wednesday, Chair: Scott Carter

1:30-2:00 Daniel Ramras, *Coassembly for representation spaces*

2:00-2:30 Igor Belegradek, *Gromov-Hausdorff hyperspace of nonnegatively curved 2-spheres*

2:30-3:00 Daniel Silver, *Alexander-Briggs presentations of knot groups*

3:00-3:30 Oleg Musin, *KKM type theorems, homotopy and cobordism classes of maps for spheres*

3:30-4:00 Hoang Nguyen, *Distortion of surfaces in 3-manifolds*

4:00-4:30 Craig Guilbault, *Completions and $\mathbf{Z}$-compactifications of manifolds*

4:30-5:00 Shijie Gu, *Compactifications of manifolds with boundary*

Thursday, Chair: Steve Ferry

2:30-3:00 Greg Bell, *Decomposition theorems for asymptotic property $\mathbf{C}$ and property $\mathbf{A}$*

3:00-3:30 David Rosenthal, *Regular finite decomposition complexity*

3:30-4:00 Victor Turchin, *Spaces of embeddings and diffeomorphisms of discs*

4:00-4:30 Trevor Davila, *Decomposition complexity growth*

4:30-5:00 Atish Mitra, *On a metric of J. Nagata*

Friday, Chair: Alex Dranishnikov

2:30-3:00 Daniel C. Cohen, *Topological complexity of surfaces*

3:00-3:30 Rustam Sadykov, *On the Lusternik-Schnirelmann category and topological complexity of the connected sum of manifolds and free products of groups*

3:30-4:00 Steven Scheirer, *The topological complexity of moving robots on graphs*

Saturday, Chair: Alex Dranishnikov

1:30-2:00 Greg Kuperberg, *Calculating 5-fold coverings: Not in our lifetimes*

2:00-2:30 Boris Okun, *Growth series of $CAT(0)$ cubical complexes*

2:30-3:00 Boris Goldfarb, *Coarse coherence of metric spaces and groups and its permanence properties*

3:00-3:30 Vladimir Chernov, *Cosmic censorship of smooth structures on spacetimes*

3:30-4:00 Jay Leach, *Surfaces detected by the character variety of manifolds with symmetries*

4:00-4:30 Hung Cong Tran, *On strongly quasiconvex subgroups*

4:30-5:00 Nicolò Zava, *Coarse hyperstructures with applications to groups*