

Algebraic Topology and Applications, PKH 249

Wednesday, Chair: Krystyna Kuperberg

- 1:30-2:00 Robert Edwards, *Two of my favorite conjectures*
- 2:00-2:30 Jerzy Dydak, *Profinite structures on residually finite groups*
- 2:30-3:00 Thomas Weighill, *Warped spaces and the maximal Roe algebra*
- 3:00-3:30 Alex Clark, *The homology core*
- 3:30-4:00 Petra Staynova, *The Ellis semigroup of generalized Morse sequences*
- 4:00-4:30 Paul Fabel, *Topological \mathbf{R} -trees as ‘covers’ of Peano spaces*

Thursday, Chair: Danuta Kołodziejczyk

- 2:30-3:00 Steve Hurder, *Shape and periodic pseudo-orbits for Kuperberg flows*
- 3:00-3:30 Daniel Ingébretson, *Dimension and differential structures on Cantor sets*
- 3:30-4:00 Oleg Musin, *Borsuk-Ulam type theorems for G -spaces*
- 4:00-4:30 Jeremy Brazas, *Continuity of the π_1 -action*

Friday, Chair: Steve Hurder

- 2:30-3:00 Olga Lukina, *Manifold-like matchbox manifolds*
- 3:00-3:30 James Keesling, *The algebraic topology of βX with applications*
- 3:30-4:00 Marilyn Vazquez, *Persistence in data clustering*

Saturday, Chair: Danuta Kołodziejczyk

- 1:30-2:00 Denise Halverson, *Designing and detecting a variety of generalized manifolds*
- 2:00-2:30 Aura Lucina Kantún Montiel, *G -fibrations induced by the functor of twisted product via α*
- 2:30-3:00 Piotr Oprocha, *Dynamical properties of maps on quasi-graphs*
- 3:00-3:30 Leonard Rubin, *Topological n -cells and Hilbert cubes in inverse limits*
- 3:30-4:00 Matthew Lynam, *Approximate Inverse Limits and (m, n) -dimension*
- 4:00-4:30 Jan Boroński, *Minimal sets of torus homeomorphisms without minimal squares*