

Schedule - International Workshop on Geometric Methods in Dynamical Systems

June 3, 2004

All talks will be in Gore 208.

Wednesday, June 9

9 - 9:50 Kathy Alligood, *Heteroclinic Cycles and Explosions*

10 - 10:30 coffee break

10:30 - 11:20 Klaudiusz Wojcik, *Topological Horseshoes and Delay Differential Equations*

11:30 - 12:20 Alex Clark, *The Linking of Minimal Sets in the Lorenz Template*

12:30 - 2:00 Lunch - Tavern Room, Blue & Gold Club

2:00 - 2:50 trip to Foreign Services Office for international participants

3:00 - 3:30 coffee break

3:30 - 4:20 Marcin Mazur, *On the C^0 Genericity of Various Shadowing Properties*

4:30 - 4:55 Piotr Kościelniak, *Covering Relations in C^0 Genericity Theorems*

5:00 - 5:50 Daniel Wilczak, *Topological Method for Proving the Existence of Symmetric Periodic, Homoclinic, and Heteroclinic Orbits in Systems with a Reversing Symmetry*

6:30 - 8:00 Dinner - President's Room, Blue & Gold Club

Thursday, June 10

9 - 9:50 Roman Szrednicki, *Isolating Segments and Chains*

10 - 10:30 coffee break

10:30 - 11:20 Marian Mrozek, *Index Pairs Algorithms*

11:30 - 12:30 Bill Kalies, *Algorithmic Approach to Conley's Decomposition Theorem and Applications to Approximation of Flows*
12:30 - 2:00 Lunch- Tavern Room, Blue & Gold Club
2:00 - 2:50 Waclaw Marzantowicz, *The Entropy Conjecture for Continuous Maps of Nilmanifolds*
3:00 - 3:30 coffee break
3:30 - 4:20 Brian Martensen, *The Topology of Tiling Spaces and Codimension One Attractors*
4:30 - 5:20 Helena Nusse, *Entangled Basin Boundaries, Homoclinic Tangencies, and Prime Ends*
6:30 - 8:00 Dinner - President's Room, Blue & Gold Club

Friday, June 11

9 - 9:50 Ethan Akin, *Good Measures on Cantor Space*
10 - 10:30 coffee break
10:30 - 11:20 Will Ott, *When is a Compact Subset of Euclidean Space a Submanifold?*
11:30 - 12:20 Hector Mendez, *On the Omega - EP - Property*
12:30 - 2:00 Lunch - Tavern Room, Blue & Gold Club
2:00 - 2:50 Chris Mouron, *Entropy, Crookedness, and Wrapping*
3:00 - 3:30 coffee break
3:30 - 4:20 Wojtek Wojcik, *Chaos in Orientation Reversing Twist Maps of the Plane*
4:30 - 5:50 J. T. Halbert and Jim Yorke, *From Taffy to Pure Chaos*
6:30 - 8:00 Dinner, President's Room, Blue & Gold Club

Saturday, June 12

9 - 9:25 Wiktor Radzki, *On the Structure of the Set of Bifurcation Points of Periodic Solutions for Autonomous Hamiltonian Systems*
9:30 - 9:55 Marcin Kulczycki, *Dynamical Systems with Bounded Orbits on a Space with Measure*
10:00 - 10:30 coffee break
10:30 - 11:20 David Ryden, *The Sarkowskii Ordering for Periodic Subcontinua of Hereditarily Decomposable Chainable Continua*
11:30 - 12:20 Krystyna Kuperberg, *Embedding knots in flows*

12:30 - 1:30 Lunch, 208 Gore Hall

Free Afternoon

7:00 Workshop Banquet, Deer Park Tavern