

# Carolina Dynamics Symposium - Schedule

Agnes Scott College

Friday, April 24 - Sunday, April 26

All talks will be in Teasley Lecture Hall in the Mary Brown Bullock Science Center (17 on campus map).

DAY	TIME	SPEAKER	TITLE
FRI - PM	3:30 - 4:00	TEA - served in Bullock Science Center	
	4:00 - 4:50	Julie Barnes	Contour Maps, Julia Sets, and a Perturbed Rat: using calculus ideas to glimpse into the 4th dimension
	6:00 - 9:00	DINNER - on your own	
SAT - AM	8:30 - 9:30	BREAKFAST - served in Bullock Science Center	
	9:30 - 10:20	Jane Hawkins	Using PDE's and Markov Processes to study the Dynamics of HIV
	10:30 - 11:00	Mehmet Onur Fen	Entrainment by Chaos and Its Application to Glow Discharge-Semiconductor Systems
	11:10 - 11:50	Ben Wilson	Generalization of Neural Complexity to Dynamical Systems
	12:00 - 2:00	LUNCH - on your own	
SAT - PM	2:00 - 2:30	May Mei	Numerical Estimates of Fractal Dimension Arising in Models of Quasicrystals
	2:40 - 3:10	Emily Burkhead	Modeling Ebola Virus Disease with Stochastic Cellular Automata
	3:20 - 3:50	Nic Ormes	Follower Sets for Symbolic Dynamics
	3:50 - 4:20	BREAK - refreshments in Bullock Science Center	
	4:20 - 4:50	Drew Ash	Topological Speedups
	5:00 - 5:20	Tingli Xing	Structural Complexity of Homoclinic Orbits to a Saddle Focus with Symmetry
	6:30 - 9:00	CONFERENCE DINNER at TBD	
SUN - AM	8:00 - 9:00	BREAKFAST - served in Bullock Science Center	
	9:00 - 9:50	Joanna Furno	A Comparison of Julia Sets in Two Fourth-Degree Families
	10:00 - 10:40	Mark McClure	TBA
	10:50 - 11:10	Fatma Tokmak Fen	On the Solutions of a Multi-Point BVP for Impulsive Fractional Differential Equations