

## *Carolina Dynamics -- April 25 - 27, 2014 -- Davidson College*

All talks will be held in the Chambers Building. Friday talks will be in Hance Auditorium on the 4th floor. Saturday and Sunday talks will be in Chambers 3155. Refreshments, a lounge, and white boards will be in the Baxter Davidson room, Chambers 2106.

<b><i>DAY</i></b>	<b><i>TIME</i></b>	<b><i>SPEAKER</i></b>	<b><i>TITLE</i></b>
<b><i>Friday</i></b>	3:00	Tea, Coffee, Soda	Earl Grey, French Roast, Pepsi
	4:00 - 4:40	Rachel Bayless Agnes Scott College	Rigidity and Weak Mixing in Infinite Ergodic Theory
	4:50 - 5:40	Jim Campbell University of Memphis	Recurrence and Primitivity for IP Systems with Polynomial Wildcards
<b><i>Saturday</i></b>	9:00 - 9:30	Anne Catlla Wofford College	Control of Turing Patterns via Temporal Forcing and Layering
	9:40 - 10:20	Jane Hawkins NSF and UNC-Chapel Hill	Markov cellular automata as models for chronic disease progression
	Break		
	10:40 - 11:30	Doug Shafer UNC Charlotte	The Cyclicity of Nilpotent Center Singularities
	11:40 - 12:30	Rich Neidinger Davidson College	A fair-bold gambling function that is simply singular
	Lunch		
	2:30-3:00	Emily Burkhead Meredith College	A Cellular Automata Model of a Chemical Reaction
	3:10 - 4:00	Miaohua Jiang Wake Forest University	The SRB measure and its derivative for hyperbolic systems
	Break		
	4:20 - 5:10	David Ralston SUNY College at Old Westbury	1/2-heavy sequences driven by rotation
	6:30	Dinner	Sabi at Davidson
<b><i>Sunday</i></b>	9:30 - 10:00	Benjamin Wilson UNC-Chapel Hill	Variations of Measurements of Complexity in Dynamical Systems
	Break		
	10:20 - 11:10	Kelly Yancey University of Maryland	Self-Similar Interval Exchange Transformations
	11:20 - 12:10	Kevin McGoff Duke University	Bowen's entropy-conjugacy conjecture is true up to finite index