

2016 Houston Summer School on Dynamical Systems – Schedule of lectures

All lectures in PGH 232; review sessions in SEC 205 and projects in SEC 206

Week 1			
	Wednesday May 18	Thursday May 19	Friday May 20
	9-9:30 Coffee		
9:30-10:30	Intro & overview <i>Climenhaga</i>	Hyperbolicity 2 <i>Rodriguez Hertz</i>	Multiplicative 2 <i>Quas</i>
	10:30-10:45 Break		
10:45-11:45	Hyperbolicity 1 <i>Rodriguez Hertz</i>	Probability 1 <i>Climenhaga</i>	Hyperbolicity 4 <i>Rodriguez Hertz</i>
	11:45-1:15 Lunch		
1:15-2:15	Multiplicative 1 <i>Quas</i>	Hyperbolicity 3 <i>Rodriguez Hertz</i>	Probability 2 <i>Nicol</i>
	2:15-2:30 Break		
2:30-4	Review sessions, group projects		

Week 2				
	Monday May 23	Tuesday May 24	Wednesday May 25	Thursday May 26
	9-9:30 Coffee			
9:30-10:30	Probability 3 <i>Climenhaga</i>	Probability 4 <i>Nicol</i>	Multiplicative 4 <i>Quas</i>	Probability 7 <i>Torok</i>
	10:30-10:45 Break			
10:45-11:45	Poincare 1 <i>Cheung</i>	Poincare 2 <i>Cheung</i>	Probability 6 <i>Ott</i>	Poincare 4 <i>Cheung</i>
	11:45-1:15 Lunch			
1:15-2:15	Multiplicative 3 <i>Quas</i>	Probability 5 <i>Ott</i>	Poincare 3 <i>Cheung</i>	Probability 8 <i>Nicol</i>
	2:15-2:30 Break			
2:30-4	Review sessions, group projects			

Course and lecture abbreviations		
Probability	Probability in dynamics, decay of correlations	<i>Vaughn Climenhaga, Matt Nicol, Will Ott, Andrew Torok</i>
Hyperbolicity	Hyperbolic dynamics and beyond	<i>Federico Rodriguez Hertz</i>
Multiplicative	Multiplicative ergodic theory and applications	<i>Anthony Quas</i>
Poincare	Poincare sections for diagonal actions	<i>Yitwah Cheung</i>