

Mathcamp 2013 Week 4 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday	Time	◇342	◇341	
9:10–10	A5	Assembly (Keyes 105)	[HW] Elections: Influence and Stability 🍷 (Tim!)				PRIMES: 9:10–11, 3:10–4 Metric Spaces: 9:10–11	PRIMES is in P 🍷 (Matt & Mira)	Metric Spaces 🍷 (Nina & Alfonso)	Expander Graphs 🍷 (Avi Wigderson)
	◇123		Representations of the Symmetric Group 🍷 (Alex & Kevin)							
	◇141		Category Theory 🍷🍷 (Waffle)							
	◇145		Curvature of Polyhedra 🍷 (Nic)							
10:10–11	A5	Representation Theory of Finite Groups (week 2 of 2) 🍷🍷 (Mark)				PRIMES: 9:10–11, 3:10–4 Metric Spaces: 9:10–11	PRIMES is in P 🍷 (Matt & Mira)	Metric Spaces 🍷 (Nina & Alfonso)	Expander Graphs 🍷 (Avi Wigderson)	
	◇123	A Taste of Chaos 🍷 (Craig Sutton)								
	◇141	Fractal Geometry 🍷 (Julian Gilbey)			Hydras 🍷 (Susan)					
	◇145	Root-Finding Algorithms 🍷 (Paddy Bartlett)		Auction Theory 🍷 (Glenn Ellison)						
11:10–12	◇	(9am Superclasses)	[◇342] Flag Varieties 🍷🍷 (Asi)				PRIMES: 9:10–11, 3:10–4 Metric Spaces: 9:10–11	PRIMES is in P 🍷 (Matt & Mira)	Metric Spaces 🍷 (Nina & Alfonso)	Expander Graphs 🍷 (Avi Wigderson)
	A5	Elections	Trail Mix 🍷–🍷 (Mark)							
	◇123	Representations of S_n	Flows 🍷 (Pesto)							
	◇141	Category Theory	The Littlewood-Offord Problem 🍷 (Susan)							
	◇145	Curvature	[HW] Mathematical Origami 🍷 (Zach)							
12–1		Lunch			12–2	Lunch and Advisor Meetings	1:10–3	Algebraic Number Theory 🍷 (Ruthi)	Computing with Everything (Aaron)	
1:10–2	◇123	Hyperreal Analysis 🍷 (Don Laackman)				2:10–3				Hyperreals
	◇141	The John Conway Hour 🍷–🍷 (John Conway)								Conway
	◇145	Hilbert's Geometries 🍷 (Moon Duchin)					Card Trick 🍷 (Mira)			
2–4	◇	TAU				3:10–4:10	Finding Hay in a Haystack (Avi Wigderson)	3:10–4	PRIMES is in P	
4:10–5:10	K105	The Cross-Ratio (Moon Duchin)	NTBA (John Conway)	Spectral Geometry and the Link Between Classical and Quantum Mechanics (Craig Sutton)	Google Advertising (Glenn Ellison)	4:15–5:45	Relays (The Quad)			
5:15–7		Dinner								

Key: A—Arey, K—Keyes, ◇—Diamond, [HW]—Homework Required