

[REVISED] Mathcamp 2019 Week 4 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday	
7:30–9:00	Fields Dining Hall	Breakfast					
9:10–10:00	JR Howard 123	Assembly (Council Chamber)	Long Live Determinants! 🍷🍷🍷 (Will)				
	JR Howard 132		[A] Musical Lattices 🍷🍷 (J-Lo)				
	JR Howard 133		Tychonoff’s Theorem 🍷🍷🍷 (Ben)				
	JR Howard 135		[A] The Mathematics of Fairness 🍷 (Mira)				
	Olin 204		Root Systems 🍷🍷 (Kevin)				
10:10–11:00	JR Howard 123	Riemann Surfaces 🍷🍷🍷 (Apurva)					
	JR Howard 132	Young Tableaux and Enumerative Geometry 🍷🍷🍷 (Shiyue)					
	JR Howard 133	Game Theory 🍷 (Kayla)					
	JR Howard 135	Reciprocity Laws in Algebraic Number Theory 🍷🍷🍷 (Eric)					
	Olin 204	Counting and Involutions 🍷🍷 (Mark)	Randomized Algorithms 🍷🍷 (Bill)				
11:10–12:00	JR Howard 123	[A] The Hopf–Poincaré Index Formula 🍷🍷🍷 (Assaf)					
	JR Howard 132	Wedderburn’s Theorem 🍷🍷🍷 (Mark)	Representation Theory of Associative Algebras 🍷🍷🍷 (Véronique)				
	JR Howard 133	Building Mathematical Sculptures 🍷 (Zach Abel)					
	JR Howard 135	Bhargava’s Cube 🍷🍷🍷 (Dave Savitt)			Magic 🍷🍷 (Don Laackman)		
	Olin 204	Zeta Functions 🍷🍷🍷 (Sachi Hashimoto)					
11:30–1:00	Fields Dining Hall	Lunch					
1:00–1:50	JR Howard 123	[A] Matching Bears With Campers 🍷🍷 (Rice)					
	JR Howard 132	[HR] Counting Points over Finite Fields 🍷🍷🍷 (Aaron Landesman)					
	JR Howard 133	Unique and Nonunique Factorization 🍷🍷🍷 (Gabrielle)					
	JR Howard 135	(Dys)functional Analysis 🍷🍷 (Viv Kuperberg)					
	Olin 204	Infinite-Ness 🍷🍷🍷 (Susan)					
2:00–4:00	Fields Dining Hall	TAU				2:00–3:30	AA Meetings (bring your blurbs!)
4:10–5:10	Olin 301	Women and Gender Minorities in Math (Staff)	Stably Surrounding Spheres with Smallest String Size (Zach Abel)	Knowledge Puzzles (Don Laackman)	Future of Mathcamp (Staff)	3:45–5:15	Relays in the Glade (Bring water!)
5:00–6:30	Fields Dining Hall	Dinner					

Key: [HR]—Homework Required [A]—Active learning