

# [REVISED] Mathcamp 2023 Week 2 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday	
8:00–9:00	IDX Dining Hall	Breakfast					
9:10–10:00	CCM 442	Assembly (CCM Auditorium)	Infinite Ramsey theory 🌀 (Susan)				
	CCM 444		Representation theory of the symmetric groups 🌀🌀 (Raj)				
	JLC 301		[HR] Epsilons and deltas 🌀 (Ben & Charlotte)				
	JLC 302		Beyond inclusion/exclusion 🌀 (John Mackey)				
	JLC 305		What are your numbers worth? 🌀 (Eric)				
10:10–11:00	CCM 233	Green's Theorem 🌀 (Mark)	(Mark will return in week 3)				
	CCM 442	Infinite Ramsey theory	CCM 221	Introduction to model theory 🌀 (Krishan)			
	CCM 444	Representation theory of $S_n$	CCM 442	Introduction to cryptography 🌀 (Ian)			
	JLC 301	Epsilons and deltas	CCM 444	Mechanics of fluid flow 🌀 (Neeraja)			
	JLC 302	Beyond inclusion/exclusion	JLC 301	Polygons, friezes, and snakes — oh my! 🌀 (Kayla)			
	JLC 305	What are your numbers worth?	JLC 305	[HR] Problem solving: triangle geometry 🌀 (Zach Abel)			
11:10–12:00	CCM 233	Wedderburn's Theorem 🌀 (Mark)	(Mark will return in week 3)				
	CCM 442	Gödel's incompleteness theorems 🌀 (Steve)					
	CCM 444	Introduction to ring theory 🌀 (Kevin)					
	JLC 301	Parabolic curves 🌀 (Misha)	Elliptic curves 🌀 (Ruthi Hortsch)				
	JLC 302	The Wythoff array 🌀 (Della)					
	JLC 305	When will this end??? 🌀 (Arya)					
12:00–1:00	IDX Dining Hall	Lunch					
1:10–2:00	CCM 442	Polytopes (Week 1 of 2) 🌀 (Susan)					
	CCM 444	First, choose randomly 🌀 (Travis)					
	JLC 301	Randomized vs deterministic computation 🌀 (Tanya)					
	JLC 302	The transcendence of many numbers (including $\pi$ and $e$ ) (Week 2 of 2) 🌀🌀 (Dave Savitt)	Packing permutation patterns 🌀 (Misha)				
	JLC 305	Introduction to graph theory 🌀 (Tim!)					
2:00–4:00	EATS	TAU				2:00–3:30	AA Meetings (Library)
4:10–5:00	CCM Auditorium	One-half factorial from scratch (Zach Abel)	Some stories about squares (mod $p$ ) (Dave Savitt)	Computer-aided mathematics and satisfiability (John Mackey)	Project selection fair (Staff)	3:45–5:15	Relays in Aiken Quad (bring water!)
5:30–7:00	IDX Dining Hall	Dinner					

Key: [HR]—Homework Required    CCM—Center for Communication and Creative Media    JLC—Joyce Learning Center

**Note: Many classrooms are different on Friday of week 2 (only). You will receive a schedule of the differences at sign-in on Thursday. Saturday classes will resume in their scheduled classrooms.**