

[REVISED] Mathcamp 2022 Week 3 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday
7:00–9:00	Dana	Breakfast				
9:10–10:00	Keyes 105	Assembly (Page Commons)	2-adic computer science 🌀 (Eric)			
	Lovejoy 203		Common continuity 🌀 (Zoe)			
	Lovejoy 205		Schubert calculus 🌀 (Kayla)			
	Lovejoy 215		Measuring fairness 🌀 (Moon Duchin)			
	Olin 01		Representation theory of finite groups (week 1) 🌀🌀 (Mark)			
10:10–11:00	Keyes 105	2-adic computer science	Special relativity 🌀 (Nic)			
	Lovejoy 203	Common continuity	On beyond on beyond i 🌀 (Assaf)			
	Lovejoy 205	Schubert calculus	Nonstandard analysis 🌀 (Aaron)			
	Lovejoy 215	Measuring fairness	Integer right triangles 🌀 (David Roe)	Diophantine approximation 🌀 (Travis)		
	Olin 01	Representation theory (week 1)	Szemerédi's {theorem, regularity lemma} 🌀🌀 (Yuval)			
11:10–12:00	Keyes 105	Commutative algebra and algebraic geometry 🌀 (Mark)				
	Lovejoy 203	[HR] Ultrafilters and combinatorics 🌀🌀 (Steve)				
	Lovejoy 215	Curves that classify geometry problems 🌀 (J-Lo)				
	Lovejoy 205	The 17 wallpaper patterns 🌀 (Emily)	Buffon's needle 🌀 (Ben)			
	Olin 01	Arrow's impossibility theorem 🌀 (Ben)	Zero knowledge proofs 🌀 (Dan Zaharopol)			
12:00–1:00	Dana	Lunch				
1:10–2:00	Keyes 105	Problem solving: graph theory 🌀 (Misha)				
	Lovejoy 203	In-fun-ite groups 🌀 (Narmada)				
	Lovejoy 205	Hyperbolic geometry 🌀 (Arya)				
	Lovejoy 215	The continuum hypothesis (week 2) 🌀🌀 (Susan)				
	Olin 01	Machine learning (NOT neural networks) 🌀 (Linus)				
2:00–4:00	Lovejoy Lobby	TAU			2:00–3:30	AA Meetings
4:10–5:00	Keyes 105	Everyone hates analysis (Charlotte)	Hyperspheres (David Roe)	High-dimensional oranges (Travis)	Heisenberg geometry (Moon Duchin)	3:45–5:15 Relays in the Quad (bring water!)
5:00–8:00	Dana	Dinner				

Key: [HR]—Homework Required