Mathcamp 2023 Week 1 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00–9:00	IDX Dining Hall	Breakfast				
9:10–10:00	CCM 221	Introduction to linear algebra 🐌 (Narmada)				
	CCM 233	Cubic curves 🐌🐌🐌 (Mark)				
	CCM 442	Inspecting gadgets 🐌🐌🐌 (Della)				
	CCM 444	Khinchin's constant and the ergodic theorem 🐌🐌🐌🐌 (Ben)				
	JLC 301	Fourier series 🐌🐌 (*Jonathan Tannenhauser*)				Hlod onto yoru ahts![1] 🐌🐌 (Tim!)
10:10–11:00	CCM 233	Multivariable calculus crash course 🐌🐌🐌 (Mark)				
	CCM 442	Metric spaces 🐌🐌 (Krishan)			Homotopy groups of spheres 🐌🐌 (Kevin)	
	CCM 444	Reverse mathematics 🐌🐌🐌🐌 (Steve)				
	JLC 301	Discreet calculus (shh!) 🐌 (Travis)				
	JLC 302	Introduction to number theory 🐌🐌 (Mia)				
11:10–12:00	CCM 221	Introduction to group theory 🐌🐌🐌 (Eric)				
	CCM 442	Knot invariants 🐌🐌🐌 (Raj)				
	CCM 444	Information theory and the redundancy of English 🐌🐌 (*Mira Bernstein*)				
	JLC 301	Geometry, under construction 🐌 (Arya)				
	JLC 302	Erdős's distinct distance problem 🐌🐌🐌🐌 (Neeraja)				
12:00–1:00	IDX Dining Hall	Lunch				
1:10–2:00	CCM 221	[**HR**] Problem solving: geometry galore 🐌🐌🐌🐌 (Ian)				
	CCM 442	Infinite arithmetic 🐌🐌🐌 (Susan)				
	CCM 444	Is it possible to gamble successfully? 🐌🐌 (Tanya)				
	JLC 302	Bhargava's cube 🐌🐌🐌 (Kevin)		The transcendence of many numbers (including π and e) (Week 1 of 2) 🐌🐌🐌 (*Dave Savitt*)		
	JLC 305	[**HR**] Mathcamp crash course 🐌 (Charlotte)				
2:00–4:00	EATS	TAU				2:00–3:30 AA Meetings
4:10–5:00	CCM Auditorium (Fri: IDX Gym)	Voting theory, Burlington, VT, and the Gibbard–Satterthwaite theorem (*Mira Bernstein*)	Mediants, circles, and Stern–Brocot patterns (*Assaf Bar-Natan*)	Hacking heads off hydras (Susan)	The only formula it can be! (*Noah Snyder*)	3:45–5:15 Relays in the Aiken Quad (bring water!)
5:30–7:00	IDX Dining Hall	Dinner				

Key: [**HR**]—Homework Required