[REVISED] Mathcamp 2023 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
8:00–9:00	IDX Dining Hall	Breakfast			
9:10–10:00	CCM 233	**Assembly (CCM Auditorium)**	Elliptic functions (2–4/4) 🏁🚗 (Mark)		
	CCM 442		Introduction to Schubert calculus 🏁🚀 (Raj)		
	CCM 444		The puzzle of the superstitious basketballer 🚩🚗 (Tim!)	Dimers & webs 🚩🚗 (Kayla)	Computing trig functions by hand 🚩🚗 (Misha)
	JLC 301		JLC 301 — The Kakeya problem (2–4/4) 🏁🚗 (*Alan Chang* and Neeraja)		
	JLC 302		Study hall (do math quietly with other campers!)		
10:10–11:00	CCM 233	Elliptic functions (1/4) 🏁🚗 (Mark)	Symmetric functions 🏁🚀 (Ian)		
	CCM 442	The Kakeya problem (1/4) 🏁🚗 (*Alan Chang* and Neeraja)	From high school arithmetic to group cohomology 🏁🚲 (Eric)		
	CCM 444	Geometry gala 🚩🚗 (Ian)	Unicorns and Poland 🏁🚲 (Arya)		
	JLC 301	Flag algebra marathon ($\frac{1}{4}$) 🚩🏁🏳🚀 (Misha)	A couple things Ben kinda knows about measure zero sets 🏳🚗 (Ben)		
	JLC 302	Study hall (do math quietly with other campers!)			
11:10–12:00	CCM 221	Not the math we need, but the math we deserve ($\frac{1}{3}$) 🏁🚗 (The staff)	CCM 233 — The Ra(n)do(m) graph 🏁🚗 (Travis)	The transcendence of a single number 🚩🚗 (Travis)	Lastly, choose randomly 🚩🚀 (Travis)
	CCM 442	Not theory 🏳🚀 (Steve)		How not to integrate 🚩🚲 (Steve)	Philosophy of math 🚩🚲 (Neeraja)
	CCM 444	Calculus without calculus 🚩🚗 (Tim!)	Seven trees in one 🏁🚲 (Della)	Let $\varepsilon_0 > 0$ be sufficiently small 🏳🚗 (Della)	
	JLC 301	Flag algebra marathon ($\frac{2}{4}$) 🚩🏁🏳🚀 (Misha)	Imperfection 🏁🚗 (Mia and Nathan)	Perfection 🏁🚀 (Mia)	Sophie Germain primes 🚩🚲 (Mia)
	JLC 302	Study hall (do math quietly with other campers!)			
12:00–1:00	IDX Dining Hall	Lunch			
1:10–2:00	CCM 221	Not the math we need, but the math we deserve ($\frac{2}{3}$) 🏁🚗 (The staff)	CCM 444 — Why 0 is the biggest prime 🏳🚗 (Kevin and Krishan)		How the compactness theorem got its name 🏳🚀 (Krishan)
	CCM 233	Galois theory crash course 🏳🚀 (Mark)			
	CCM 442	Axiom of choice 🏳🚲 (Narmada)		Zeroes of recurrence sequences through p-adics 🏳🚗 (Eric)	
	JLC 301	Flag algebra marathon ($\frac{3}{4}$) 🚩🏁🏳🚀 (Misha)	Percolating through percolation theory 🚩🚗 (Tanya)	Honey, I shrunk the vectors 🚩🚗 (Tanya)	The Chevalley–Warning theorem 🚩🚲 (Kevin)
	JLC 302	Study hall (do math quietly with other campers!)			
2:10–3:00	CCM 221	Not the math we need, but the math we deserve ($\frac{3}{3}$) 🏁🚗 (The staff)	Ben teaches Susan's class 🏁🚲 (Ben)	JLC 301 — Taming the grouchy Grassmannian 🏁🚗 (Kayla)	
	CCM 233	Fair division using topology 🏁🚗 (*Jane Wang*)		Spherical geometry 🚩🚲 (Kira Lewis)	Van Roomen's problem 🚩🚗 (Philip Yao)
	CCM 442	(THICCC) Triangles, Hyperbolas, Isogonal Conjugates, and Certain Circles 🚩🚀 (Anthony Wang and Nathan Cho)		CCM 442 — Everything Ben knows about nonmeasurable sets 🏳🚗 (Ben)	
	JLC 301	Flag algebra marathon ($\frac{4}{4}$) 🚩🏁🏳🚀 (Misha)	CCM 444 — From the Sato–Tate conjecture to murmurations 🏳🚀 (*David Roe*)		
	JLC 302	Study hall (do math quietly with other campers!)			
3:00–4:00	EATS	TAU – PI (TAU: Partial Interval)			
4:10–5:00	CCM Auditorium (Fri: IDX Gym)	Think different (*Po-Shen Loh*)	A magic show (*Tadashi Tokieda*)	Extra PI (still in EATS)	Project fair
5:30–7:00	IDX Dining Hall	Dinner			

🚩 — example-driven 🏁 — mixed 🏳 — abstraction-driven 🚲 — chill 🚗 — brisk 🚀 — intense