[REVISED] Mathcamp 2022 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
7:00-9:00	Dana	Breakfast			
9:10–10:00	Keyes 105		The Riemann zeta function روز (Mark)		
	Lovejoy 205	Assembly (Page	Tracking pants کررژ (Arya)		
	Lovejoy 215	Commons)	$[HR]$ The word problem for groups $\ell(Assaf)$		
	Olin 01		Frequentist statistics \mathcal{D} (Misha)	Bayesian statistics 🌶 (Ruthi Hortsch)	
10:10-11:00	Keyes 105	Thermodynamics and statistical mechanics 20 (Nic)			
	Lovejoy 119	Electric circuits and random walks 🌶 (Aaron)			
	Lovejoy 203	Universal algebra (Steve)			
	Olin 01	Counting with polynomials <i>in (Alan Chang</i> and Charloutte)			
11:10-12:00	Keyes 105	Multiplicative functions jj (Mark)		Quadratic reciprocity DDD (Mark)	
	Lovejoy 205	Combinatorial reciprocity: counting through the looking-glass jjj (Will Dana)		The Golay code 🌶 (Narmada)	
	Lovejoy 215	The Littlewood–Richardson rule (João)		Gibbard–Satterthwaite's impossibility theorem $\not \!) \not \!)$ (Ben)	Greed))) (Travis)
	Olin 01	Getting your money's worth from a 4-function calculator))) (Linus)		Spherical trigonometry with applications $\cancel{\mathfrak{M}}$ (Mark Takken)	Sets that can tile lattices join (Justin Lee)
12:00-1:00	Dana	Lunch			
1:10-2:00	Keyes 105	The uncertainty principle))) (Yuval)	Counting w	ith linear algebra 🌶 (Travis)	Why June Huh won the Fields medal))) (Yuval)
	Lovejoy 203	How to avoid taking APs: the blame game $\dot{g}dde{g}$ (Misha)	Sorry, it turns out	t SAT is hard after all לכל (Misha)	Extreme extremal graph theory \mathcal{D} (Mia)
	Lovejoy 205	Graph algorithms j (Natali)	Reading Leibniz's notes in Latin \mathcal{P} (Assaf)	How to juggle \mathcal{I} (Viv)	Lattices and invariant theory $\cancel{2}$ (Rawin Hidalgo)
	Olin 01	The multiplication table problem \cancel{DD} (Viv)	The sound of proof \mathcal{D} (Eric)	Evil floating point bit level hacking))) (Eric)	Problem solving: quick and quirky questions ${\pmb /}$ (Misha)
2:10-3:00	Keyes 105	The axiom of choice)) (Narmada)		The combinatorial Nullstellensatz (Yuval)	
	Lovejoy 205	Superpatterns))) (Zack)		Overly convoluted drawings <i>jj</i> (Ben)	
	Lovejoy 215	Primes in the Eisenstein integers <i>diff</i> (Emily)		Block designs 🌶 (Emily)	
	Olin 01	Elo ratings 🌶 (Zoe)		Partially Ordered Galois Group Equivalence RelationS)) (Eric and Zoe)	
3:00-4:00	Lovejoy Lobby		TAU–PI (Time Aca	emic Unscheduled: Partial Interval)	
4:10-5:00	Keyes 105	The square root of a NOT gate (Linus) (Blurb: Quantum probability is weird.)	Future of You (Staff)	Extra TAU for Project Fair prep (Everyone)	Project Fair (Lovejoy)
5:00-8:00	Dana	Dinner			

Key: [HR]—Homework Required