Mathcamp 2019 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	
7:30-9:00	Fields Dining Hall	Breakfast				
9:10-10:00	JR Howard 123		Packing Permutation Patterns)) (Misha)	Young Tableaux and Probability 🌶 (Shiyue and Andrew)		
	JR Howard 132	Assembly (Council	[A] Farey Tales 🌶 (J-Lo)			
	JR Howard 135	Chamber)	Electrifying Random Trees 🌶 (Will)	The Polish Attack on the Enigma (Ben)		
	Olin 204	Ge		llois Theory Crash Course לְנָלֶנֶ (Mark)		
10:10-11:00	JR Howard 123	[A] Conway–Coxeter Fr	[A] Conway–Coxeter Frieze Patterns 🌶 (Véronique)		Morse Theory 🌶 (Kayla)	
	JR Howard 132	Calculus without Calculus 2) (Tim!)		A Proof of the Sensitivity Conjecture (Tim!)		
	JR Howard 135	The Class Number グウケ (Gabrielle)		[A] Factoring in the Chicken McNugget Monoid 🌶 (Gabrielle)		
	Olin 204	The Riemann Zeta Function (Mark) Elegant Applications of Linear Alg		llgebra to Combinatorics)) (Bill)		
11:10-12:00	JR Howard 123	Infinitely Many Proofs/Primes 🌶 (Eric)	The Mathematical ABC's 🌶 (Susan)	Matroids and Greed ううう (Will)	Finite-Ness 狁 (Susan)	
	JR Howard 132	A Very Difficult Definite Integral (Kevin)	The Cauchy–Davenport Theorem)) (Bill)	Rescuing Divergent Series 🌶 (Mark)	Perfect Numbers 🌶 (Mark)	
	JR Howard 135	Traffic 🌶 (Assaf)	Pennsylvania's Gerrymandering Lawsuit 🌶 (Mira)	Calculus on Young's Lattice カカケ (Kevin)	Why the Millennium Problems? 🌶 (J-Lo)	
	Olin 204	Perspectives on Cohomology)) (Apurva)	Perspectives on Cohomology (Assaf)	Perspectives on Cohomology)) (J-Lo)	Perspectives on Cohomology (Eric)	
11:30-1:00	Fields Dining Hall	Lunch				
1:10-2:00	JR Howard 123	[A, HR] PARTIAL DIFFERENTIAL EQUATIONS (Ben and Assaf)				
	JR Howard 132	Crossing Numbers, from 1954 to 2012 🌶 (Marisa)		Going in Cycles ググ (Misha)		
	JR Howard 135	All Things Manifoldy 🌶 (Apurva)				
	Olin 204	Generating-Function Magic グラ (Bill)		You Can't Solve the Quintic 🌶 (Eric)		
2:10-3:00	JR Howard 123	Permutation Patterns (continues at 9AM)		Martin's Axiom グラウク (Susan)		
	JR Howard 132	Farey Tales (continues at 9AM)	Sporadic Groups and Where to Find Them (Theo Johnson-Freyd)			
	JR Howard 135	Random Trees (continues at 9AM)	Markov Triples and Continued Fractions 🌶 (Véronique and Kayla)			
	Olin 204	Galois Theory (continues at 9AM)	Two Games and a Co	de 🌶 (Mira) Procrastination 🌶 (Rice)		
3:00-4:00	Fields Dining Hall	TAU – PI (TAU: Partial Interval)				
4:00-5:00	Olin 301	Exceptional Mathematics (Theo $\mathit{Johnson-Freyd}$)	Future of You	Extra PI (in the dorms 3:00–5:00)	Project Fair (in Smith Hall)	
5:00-6:30	Fields Dining Hall	Dinner				

Key: [HR]—Homework Required [A]—Active learning