Mathcamp 2020 Week 5 Schedule

Time	Room	Monday	Tuesday	Wednesday	Thursday	Friday
Before 9:10	Kitchen deck	"Breakfast"				
9:10-10:00	Arch		How to glue donuts <i>DD</i> (Apurva)		Exploring the Catalan numbers j	Counting, involutions, etc. $\dot{j}\dot{j}$ (Mark)
	Canyonland	vonlandAssemblyuglas(Assembly Hall)	The Sylow theorems クウク (Mia)		Dirac delta function 🌶 (Alan)	
	Douglas		(continued from Monday 12:10) Complex analysis グウク (Alan)		How Riemann finally understood the logarithms $\dot{D}\dot{D}$ (Apurva)	
	Georgia		(continued from Monday 12:10) Continued fraction expansions and $e \dot{D} \dot{D} \dot{D}$ (Susan)		Skolem's paradox グウク (Susan)	
10:10-11:00	Subalpine		Which things are the rationals? $\hat{D}\hat{D}$ (Ben)		Cantor's leaky tent 🌶 🌶 (Ben)	
	Oxbow	The matrix exponential and Jordan normal form $\dot{D}\dot{D} \rightarrow \dot{D}\dot{D}\dot{D}$ (Dennis)			Homotopy colimits 🌶 🌶 (Dennis)	
	Rhode Island		The Riemann zeta function $\dot{D}\dot{D}\dot{D}$ (Mark)		Block designs <i>D</i> (Emily)	
	Ngo		Infinitesimal calculus ググ (Tim!)		Crossing numbers ググ (Yuval)	
11:00-12:10	Kitchen deck			"Lunch"		
12:10-1:00	Arch	King chicken theorems $\hat{\mathcal{P}}$ (Marisa)	Perceptron 🌶 (Linus)	Early TAU	A tour of Hensel's world DD (Mark)	Perfect numbers $\hat{\mathcal{P}}$ (Mark)
	Union	Finding the center DDD (Pesto)	Random walks and electric networks))) (Misha)		How to ask questions $\mathbf{\hat{D}}$ (Eric)	Superstitious basketball player \hat{D} (Tim!)
	Douglas	Complex analysis (continues Tuesday 9:10)	Stirling's formula $\hat{j}\hat{j}$ (Neeraja)		Computing trig functions by hand D (Misha)	Complex dynamics jj (Neeraja)
	Georgia	Continued fractions and e (continues Tuesday 9:10)	Voting theory 101 $\hat{\mathcal{I}}$ (Pesto)		Many Counterexamples ククウク (Staff)	Extreme extremal graph theory $\dot{j}\dot{j}\dot{j}$ (Mia)
1:10-2:00	Subalpine	The Hilbert cube	Dominant eigenvalues 🌶 🌶 (Yuyuan)	Team Problem Solving	Ancient Greek calculus 🌶 (Yuval)	Project fair setup
	Oxbow	Introduction to Coxeter groups \cancel{DD} (Kayla)	Posets and the Möbius function $\hat{\mathcal{D}}$ (Kayla)		Introduction to combinatorial topology	
	Mint	Avoiding arithmetic triples \dot{D} (Misha)	The lemma at the heart of my thesis $\hat{D}\hat{D}$ (Eric)		Matrix completion	
	Peru	Tridiagonal symmetric matrices, the golden ratio, and Pascal's triangle			The redundancy of English $\hat{\mathcal{J}}$ (Mira)	
2:00-3:00	Mathcampus	TAU		Team Problem Solving	TAU	Project fair
Later	Kitchen deck			"Dinner"		

Note that Complex analysis and Continued fractions continue at 9:10 on Tuesday and Wednesday!