

[REVISED] Mathcamp 2016 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
7:00–9:00	Dana	Breakfast			
9:10–10:00	◇342	Assembly (K105)	The Hairy and Still Lonely Torus ♪ (Assaf)		
	D117		[HR] More Problem Solving: Polynomials ♪♪♪ (Pesto)		
	D201		Building Groups out of Other Groups ♪♪ (Don)		
	D301		Why Aren't We Learning This: Fun Stuff in Statistics ♪ (Sam)	Turning Points in Math ♪ (Sam)	
10:10–11:00	◇342	Difficult Integral ♪♪♪ (Kevin)	Homotopy (Co)limits ♪♪♪ (Chris)		
	D117	Special Relativity ♪ (Nic)			
	D201	Scandalous Curves ♪♪ (Jeff)			
	D301	Stable Marriage ♪ (Alfonso + Marisa)	The Mathematical ABCs ♪ (Susan)	String Theory ♪ (Sachi)	
	K105	The Magic of Determinants ♪♪ (Mark)		Quadratic Reciprocity ♪♪ (Mark)	
11:10–12:00	D117	The Brauer Group ♪♪♪ (Don)	The Yoneda Lemma ♪♪ (Sachi)	The BSD Conjecture ♪♪♪ (David)	Period Three Implies Chaos ♪♪ (Riley)
	D201	Wythoff's Game ♪ (Alfonso)	Twisty Puzzles are Easy ♪♪ (Zach)		
	D301	Benford's Law ♪ (Assaf)	The "Free Will" Theorem ♪♪♪ (Don)	Egyptian Fractions ♪ (Jane)	Problem Solving: Tetrahedra ♪♪♪ (Misha)
	K102			Wedderburn's Theorem ♪♪ (Mark)	The Cayley–Hamilton Theorem ♪♪ (Mark)
	K105	IOL 2016 ♪ × ? (Pesto)	Hyper-Dimensional Geometry ♪♪ (Drake Thomas)	Many Cells Separating Points ♪ (Nikhil Marda)	Gambling with Nathan Ramesh ♪ (Nathan Ramesh)
11:30–2:00	Dana	Lunch			
1:10–2:00	◇342			Latin Squares and Finite Geometries ♪ (Marisa)	
	D117	Hard Problems That Are Almost Easy ♪ (Vivian)		Permuting Conditionally Convergent Series ♪♪ (Zach)	
	D201	Hyperbolic Geometry ♪♪ (Jane)		Graph Polynomials ♪ (Jeff + Mia)	
	D301	Big Numbers ♪♪ (Pesto)		The Cap Set Problem ♪♪ (Susan)	
	K105	Multiplicative Functions ♪ (Mark)			
2:10–3:00	◇342	The Hales–Jewett Theorem ♪♪♪ (Misha)			
	D102	Computer-Aided Design ♪ (Elizabeth)			
	D117			Math and Literature ♪ (Yuval)	Paradoxes in Probability ♪ (Jane)
	D201	More Group Theory! ♪ (Kevin)			
	D301	Factoring with Elliptic Curves ♪♪ (David)			
3:00–4:00	◇ Lobby	TAU – PI (TAU: Partial Interval)			
4:00–5:00	K105	Future of You	Future of Mathcamp	Extra PI (In ◇ Lobby)	Project Fair (Location TBA)
4:30–7:00	Dana	Dinner			

Key: [HR]—Homework Required D—Davis ◇—Diamond K—Keyes