

[REVISED] Mathcamp 2016 Week 3 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday	
7:00 – 9:00	Dana	Breakfast					
9:10–10:00	◇342	Assembly (K105)	Advanced Topics in... Sorting? ♪♪ (Zach)				
	D117		Nonzero-Sum Games ♪ (Pesto)	King Chicken Theorems ♪ (Marisa)	Natural Language Understanding ♪ (Greg Burnham)		
	D201		[HR] Domains and Factorization: When Everything Goes Wrong ♪♪♪ (Alfonso Gracia-Saz)				
	D301		Wallis and His Product ♪→♪♪♪ (Jon Tannenhauser)	Epsilons and Deltas ♪→♪♪ (Sam)	Calculus on Young's Lattice ♪♪♪ (Kevin)		
	K105		Pythagorean Triples, Diophantine Equations and Fermat's Last Theorem ♪♪→♪♪♪ (John Mackey)			A5	Pythagorean Triples...
10:10–11:00	◇342	Advanced Topics in... Sorting?	◇223	[HR,M] Algebraic Groups* ♪♪♪♪ (Don) ($\frac{1}{4}$)			
	D117	Nonzero-Sum Games	D117	The Topology and Geometry of Surfaces ♪ (Jane)			
	D201	Domains and Factorization	D201	Graph Colorings ♪♪ (Mia)	The Hadwiger–Nelson Problem ♪♪ (Riley)		
	D301	Wallis and His Product	D301	Problem Solving: Symmetry, Parity, and Invariants ♪♪ (Joshua Zucker)			
			K102	What Can We Exponentiate? ♪♪♪ (Assaf)			
	K105	Pythagorean Triples...	K105	Field Extensions and Galois Theory (Week 2 of 2) ♪♪♪♪ (Mark)		A5	Field Extensions
11:10–12:00	◇223	[HR,M] Algebraic Groups* ♪♪♪♪ (Don) ($\frac{3}{4}$)					
	◇342	[S] Random Graphs ♪♪♪ (Misha) ($\frac{1}{2}$)					
	D117	[HR] dCalculus ♪ (Jeff)					
	D201	[HR,S] A Tale of Combs and Hedgehogs* ♪♪♪♪ (Alfonso + Chris) ($\frac{1}{2}$)					
	D301	Projective Geometry ♪♪ (Sachi)					
	K105	Representation Theory of Finite Groups (Week 1 of 2) ♪♪♪♪ (Mark)			A5	Representation Theory	
11:30–2:00	Dana	Lunch					
1:10–2:00	◇223	[HR,M] Algebraic Groups* ♪♪♪♪ (Don) ($\frac{3}{4}$)					
	◇342	[S] Random Graphs ♪♪♪ (Misha) ($\frac{2}{2}$)					
	D102	Functional Programming* ♪♪ (Nic)					
	D117	Finitely-Generated Algebras ♪♪ (Susan)					
	D201	[HR,S] A Tale of Combs and Hedgehogs* ♪♪♪♪ (Alfonso + Chris) ($\frac{2}{2}$)					
	D301	[HR] A Crash Course in Axiomatic Probability ♪♪♪ (Sam)					
2:00–4:00	◇ Lobby	TAU				2:00–3:45	Advisor meetings
						3:45–4:00	ϵ -TAU in the Quad
4:00–5:00	K105 T–R A5 Fri	Ron Graham's Sequence (Joshua Zucker)	Crossing Numbers of Graphs (John Mackey)	Lattice, Knots and Chaos (Jeff)	The Littlewood–Offord Problem (Susan) in Arey 5	4:00–5:30	Relays in the Quad (Bring water!)
4:30–7:00	Dana	Dinner					

Key: [HR]—Hwk Required A—Arey D—Davis ◇—Diamond K—Keys [M]—Marathon [S]—Superclass *—Extends into TAU