

# [REVISED] Mathcamp 2014 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
9:10–10:00	Olin 204	<b>Assembly (Templeton Council Room)</b>	[HR] Math Teaching Workshop 🍴 (Dan Zaharapol)		
	JR Howard 132		Measure Theory 🍴🍴 (Jeff)		
	Miller 102		FTA: Combinatorics 🍴🍴🍴 (Alfonso)	FTA: Complex Analysis 🍴🍴🍴 (Alfonso)	FTA: Differential Geometry 🍴🍴🍴 (Alfonso)
	JR Howard 124		Combinatorial Trigonometry 🍴🍴 (Kevin)	Nonzero-sum Games 🍴 (Pesto)	
10:10–11:00	Olin 204	[HR] Math Teaching Workshop 🍴 (Dan Zaharapol)	Weird Logics 🍴 (Steve)		Perfect Numbers 🍴 (Mark)
	JR Howard 132	Measure Theory 🍴🍴 (Jeff)	String Theory 🍴 (Sachi and Tim!)		No class
	Miller 102	FTA: Galois Theory 🍴🍴🍴 (Alfonso)	Time Travel Algorithms 🍴🍴 (Pesto)		The Harmonic Series 🍴 (Misha)
	JR Howard 124	Combinatorial Trigonometry 🍴🍴 (Kevin)	Hyperfinite Approximations 🍴🍴 (Don)		Constructing a Peano Curve 🍴 (Conrad Kosowsky)
	Olin 301	No class			Toward a Human-Level AI 🍴 (Josh Tenenbaum)
11:10–12:00	Olin 204	Quadratic Reciprocity 🍴🍴 (Mark)		Nine-Point Circle 🍴 (Mark)	The Cayley-Hamilton Theorem 🍴🍴 (Mark)
	Miller 102	Open Problems in Logic 🍴🍴🍴 (Steve)			
	JR Howard 124	Stupid Games on Uncountable Sets 🍴🍴 (Susan)	Algebra Without (much) Algebra, or; Graph Theory is Best Theory 🍴🍴 (Paddy)		
	Olin 301	Information Theory and the Redundancy of English 🍴 (Mira)			
11:30-1:00	Templeton	Lunch			
1:10–2:00	Olin 204	Stable Marriage 🍴 (Alfonso)	Determinants (Day 2 of 3)	Calculus without Calculus 🍴 (Tim!)	
	JR Howard 132	The Unit Distance Graph Problem and AC 🍴🍴 (Paddy)	Memorylessness (Day 2 of 4)	Hyperplane Arrangements 🍴🍴 (Kevin)	
	Miller 102	A Game You Can't Play, but Would Win if You Could 🍴 (Mira)	Facing the Music (Day 2 of 4)	No class	
	JR Howard 124	Wedderburn's Cute Little Theorem 🍴🍴 (Susan's Nose Function)	Schemes (Day 2 of 4)	Aztec Diamonds 🍴 (Julian Gilbey)	
	Olin 301	No class		Infinitesimals 🍴🍴 (Don)	
2:10–3:00	Olin 204	The Magic of Determinants 🍴 (Mark)	A Math Wrangle 🍴🍴 (Mira)	Determinants (Day 3 of 3)	The Art Gallery Problem 🍴🍴 (Yonah Borns-Weil)
	JR Howard 132	Memorylessness (Day 1 of 4)	No class		Memorylessness: The Exponential Distribution 🍴 (Misha)
	Miller 102	Facing the Music 🍴→🍴🍴 (Aaron and J-Lo)	FTA: Topology 🍴🍴🍴 (Jeff)		Facing the Music 🍴→🍴🍴 (Aaron and J-Lo)
	JR Howard 124	Schemes 🍴🍴🍴 (Ruthi)	BIG Numbers! 🍴 (Julian Gilbey)	Schemes 🍴🍴🍴 (Ruthi)	
	Olin 301	No class		Infinitesimals (Day 1 of 3)	
3:00–4:10	Classrooms	TAU			
4:10–5:10	Olin 204	The Video Game Engine in Your Mind (Josh Tenenbaum)	What is <i>Your</i> Axiom of Choice? (Staff)	More TAU	Project Fair (JR Howard Classrooms)
5:00–6:30	Templeton	Dinner			

Key: [HR]—Homework Required