

[REVISED] Mathcamp 2014 Week 2 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday		
9:00–9:50	JR Howard 124	Assembly (Templeton Council Room)	Infinite Trees $\mathcal{J}\mathcal{J}\mathcal{J}$ (Susan)					
	JR Howard 132		Evasiveness $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Tim!)					
	Miller 102		Combinatorial Game Theory $\mathcal{J}\mathcal{J}$ (Mira)					
	Olin 204		Electricity and Graphs $\mathcal{J}\mathcal{J}$ (Paddy)					
	Olin 301		Complex Analysis (Week 2 of 2) $\mathcal{J}\mathcal{J}\mathcal{J}$ (Kevin)					
10:00–10:50	JR Howard 124	[HR] Moore Method Point-Set Topology $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Alfonso)						
	JR Howard 132	[HR] Category Theory $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Don)						
	Miller 102	Geometry of Spacetime $\mathcal{J}\mathcal{J}$ (Aaron)						
	Olin 204	Linear and Nonlinear Systems of Differential Equations $\mathcal{J}\mathcal{J}\mathcal{J}$ (Mark)						
	Olin 301	Pythagorean Triples & Unsolvable Equations $\mathcal{J}\mathcal{J}$ (<i>David Roe</i>)						
11:00–11:50	JR Howard 124	Counting Conics $\mathcal{J}\mathcal{J}\mathcal{J}$ (Sachi)						
	JR Howard 132	The Banach–Tarski Paradox (Week 2 of 2) $\mathcal{J}\mathcal{J}\mathcal{J}$ (<i>Mark Sapir</i>)	Möbius Transforms and the Night Sky $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Aaron)		Surreal Numbers \mathcal{J} (Alex)			
	Miller 102	Models of Computation as Strong as Programming $\mathcal{J}\mathcal{J}$ (Pesto)						
	Olin 204	Galois Theory (Week 1 of 2) $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Mark)						
	Olin 301	Fractal Zoo $\mathcal{J}\mathcal{J}$ (Jeff)						
11:30–1	Templeton	Lunch				11:30–1	Lunch	
						12:45–2:30	Academic Advisor Meetings	
1:00–1:50	JR Howard 124	Infinite Trees	Compressed Sensing $\mathcal{J}\mathcal{J}\mathcal{J}$ (<i>Soledad Villar</i>)					
	JR Howard 132	Evasiveness	[HR] Congruent Numbers and Elliptic Curves (Week 1 of 2) $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Ruthi)					
	Miller 102	Combinatorial Game Theory	exp $\mathcal{J}\mathcal{J}$ (<i>Mike Hall</i>)					
	Olin 204	Electricity and Graphs	Reasoning about Knowledge and Uncertainty, with a Bit of Game Theory $\mathcal{J}\mathcal{J}$ (<i>Joe Halpern</i>)					
	Olin 301	Complex Analysis	[HR] Problem Solving: Number Theory $\mathcal{J}\mathcal{J}\mathcal{J}$ (Misha)					
1:50–4:00	Classrooms	TAU			1:50–3:20	TAU		
					3:20–4:20	Project Fair		
4:00–5:00	Olin 301	Knowledge and Common Knowledge in Multi-Agent Systems (<i>Joe Halpern</i>)	Dance of the Astonished Topologist (in Olin 204) (Alfonso)	Analogue Black Holes and Burning Pumpkins (<i>Mike Hall</i>)	4:30–5:30	From Binary Quadratic Forms to $2 \times 2 \times 2$ Integer Cubes (<i>David Roe</i>)	3:45–5:15	Relays at The Glade (Bring water!)
5:00–6:30	Templeton	Dinner						

Key: [HR]—Homework Required