

Mathcamp 2015 Week 4 Schedule [UPDATED]

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday	
7:00 – 9:00	Wheelock	Breakfast					
9:10–10:00	T310	Assembly (McIntyre 103)	Laurent Phenomenon $\mathcal{J}\mathcal{J}\mathcal{J}$ (Kevin)				
	T171		Shortest Distance $\mathcal{J}\mathcal{J}\mathcal{J}$ (Jeff)				
	T197		Many Facets of Optimization $\mathcal{J}\mathcal{J}$ (Tim!)				
	T283		Homotopy Theory $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Chris)				
	M203		Advanced Linear Algebra $\mathcal{J}\mathcal{J}\mathcal{J}$ (Asilata)	Normal Numbers $\mathcal{J}\mathcal{J}$ (Steve + Susan)			
10:10–11:00	M203	Advanced Linear Algebra	Voting Theory \mathcal{J} (Alfonso)				
	T171	Shortest Distance	P vs NP $\mathcal{J}\mathcal{J}\mathcal{J}$ (Pesto + Jalex)				
	T197	Many Facets of Optimization	Trail Mix $\mathcal{J} \rightarrow \mathcal{J}\mathcal{J}\mathcal{J}$ (Mark)				
	T283	Homotopy Theory	[HR] Ultrafilters $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Steve)				
	T310	Laurent Phenomenon	pNumber Theory $\mathcal{J}\mathcal{J}\mathcal{J}$ (<i>Noah Snyder</i>)				
11:10–12:00	M203	Galois Theory $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Nancy)					
	T171	DIY Hyperbolic Geometry $\mathcal{J}\mathcal{J}$ (<i>Katie Mann</i>)					
	T197	[HR] Category Theory in Sets $\mathcal{J}\mathcal{J}\mathcal{J}$ (Don)					
	T283	Apollonian Circle Packings $\mathcal{J}\mathcal{J}$ (<i>Sunny Xiao</i>)					
	T310	Unlikely Maths $\mathcal{J}\mathcal{J}\mathcal{J}$ (Misha)					
11:30–1:30	Wheelock	Lunch				11:30–1:30	Lunch
						12:45–2:30	Academic Advisor Meetings
1:10–2:00	M203	Tiling Problems $\mathcal{J}\mathcal{J}$ (Sachi)				2:40–3:30	Tiling Problems
	T171	[HR] Abel's Theorem (Week 4 of 5) $\mathcal{J}\mathcal{J}\mathcal{J}$ (Alfonso + Mira)					Abel's Theorem (Week 4 of 5)
	T310	Development of Probability $\mathcal{J} \rightarrow \mathcal{J}\mathcal{J}$ (Sam)					Development of Probability
	T283	The Hidden Dance of Partial Differential Equations* $\mathcal{J}\mathcal{J}\mathcal{J}$ (<i>Adam Larios + Jared Whitehead</i>)					The Hidden Dance of PDEs
	T297	Representation Theory (Week 2 of 2) $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Mark)					Representation Theory (Week 2 of 2)
2:00–4:00	Classrooms	TAU				3:45–5:15	Relays at Karlen Quad (Bring water!)
4:00–5:00	M103	Computers: Friends or foes of the modern mathematician? (<i>Adam Larios</i>)	Cauchy's functional equation (<i>Katie Mann</i>)	Putting the Algebra in Algebraic Topology (<i>Noah Snyder</i>)	TBA (<i>Dan Zaharopol</i>)		
4:30–6:30	Wheelock	Dinner					

Key: [HR]—Homework Required T—Thompson M—McIntyre

* This class will sometimes meet in T189.