

[REVISED] Mathcamp 2015 Week 3 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday		
7:00 – 9:00	Wheelock	Breakfast						
9:10–10:00	M107	Assembly (McIntyre 103)	Absolute Values: All the Other Ones \mathcal{J} (J-Lo)					
	T171		[HR] Mathematical Magic \mathcal{J} (Don)					
	T197		Continued Fractions (Week 2 of 2) $\mathcal{J}\mathcal{J}$ (Susan)					
	T283		Functions of a Complex Variable (Week 2 of 2) $\mathcal{J}\mathcal{J}$ (Mark)					
	T310		[HR] Lebesgue Measure $\mathcal{J}\mathcal{J}\mathcal{J}$ (Alfonso + Steve)					
10:10–11:00	M103	Induced Matchings from Szemerédi's Regularity Lemma $\mathcal{J}\mathcal{J}$ (<i>Po-Shen Loh</i>)		No class				
	T171	[HR] Abel's Theorem (Week 3 of 5) $\mathcal{J}\mathcal{J}$ (Mira + Ruthi)						
	T197	[HR] Lie Algebras $\mathcal{J}\mathcal{J}\mathcal{J}$ (Asilata + Kevin)						
	T283	Graphs on Surfaces \mathcal{J} (Marisa)						
	T297	Almost All You Want \mathcal{J} (<i>mmmmmmike Hall</i>)						
	T310	No class			Ordinal Arithmetic $\mathcal{J}\mathcal{J}$ (Jalex)			
11:10–12:00	M107	Absolute Values		No class				
	T171	Mathematical Magic		Classifying Spaces $\mathcal{J}\mathcal{J}$ (Chris)				
	T197	Continued Fractions		Representation Theory of Finite Groups (Week 1 of 2) $\mathcal{J}\mathcal{J}$ (Mark)				
	T283	Functions of a Complex Variable		The Factorial Function \mathcal{J} (Sachi)				
	T297	No class		Braid Groups $\mathcal{J} \rightarrow \mathcal{J}\mathcal{J}$ (Nancy)				
	T310	Lebesgue Measure		Error-Correcting Codes \mathcal{J} (Tim!)				
11:30–1:30	Wheelock	Lunch				11:30–1:30	Lunch	
						12:45–2:30	Academic Advisor Meetings	
1:10–2:00	M107	Cryptography: What is it and Why Do We Care? $\mathcal{J}\mathcal{J}$ (<i>Kristin Lauter</i>)	Cryptography $\mathcal{J}\mathcal{J}$ (Pesto)			2:40–3:30	Cryptography	
	T197	[HR] Fundamental Theorem of Calculus in Dimension n $\mathcal{J}\mathcal{J}\mathcal{J}$ (Jeff)					Fundamental Theorem of Calculus in Dimension n	
	T283	Exploring Equality	No class				No class	
	T187	No class	Exploring Equality via Homotopy and Proof Assistants* $\mathcal{J}\mathcal{J}$ (<i>Jason Gross</i>)				Exploring Equality	
	T297	History of Math $\mathcal{J} \rightarrow \mathcal{J}$ (<i>Moon Duchin</i>)			Tropical Curves \mathcal{J} (Ruthi)		Tropical Curves	
	T310	[HR] Automated Proofs in Geometry $\mathcal{J}\mathcal{J}$ (Misha)					Automated Proofs in Geometry	
2:00–4:00	Classrooms	TAU				3:45–5:15	Relays at Karlen Quad (Bring water!)	
4:00–5:00	M103	Secure Genomic Computation: a Contest (<i>Kristin Lauter</i>)	Triples (<i>Po-Shen Loh</i>)	Can You Hear the Shape of a Drum? (<i>Moon Duchin</i>)	My Favorite Prime (<i>Zach Abel</i>)			
4:30–6:30	Wheelock	Dinner						

Key: [HR]—Homework Required T—Thompson M—McIntyre * Exploring Equality runs 30 minutes into TAU on Wednesday and Thursday