Mathcamp 2018 Week 4 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday		Saturday
7:00 - 9:00	Mines Market	Breakfast					
9:05–9:55	Alderson 162		ARML Power Rounds 🌶 (Misha)				
	Alderson 230	Assembly (Berthoud 241)	Public-Key Cryptography •• → •• (J-Lo)				
	Brown 125		Differential Topology かか (Kevin)				
	Brown 206		[HR] Representation Theory (2/2) (Aaron)				
	Brown W375		The Erdős Distance Problem ؤؤؤ (Ben)				
10:10-11:00	Alderson 162	ARML Power Rounds The Fundamental Group (Larsen)					
	Alderson 230	Public-Key Cryptography	Mathematical Art History ୬ (Viv)				
	Brown 125	Differential Topology	[HR] Mathematics of Democracy \mathcal{J} (Mira)				
	Brown 206	Representation Theory (2/2)	Trail Mix ¿♠? (Mark)				
	Brown W375	The Erdős Distance Problem	Visualizing Groups 🌶 (Sara)		Hat Problems ft. Hamming Codes $\cancel{\mathfrak{d}} \rightarrow \cancel{\mathfrak{d}}\cancel{\mathfrak{d}}$ (Agustin)	Teachir	ng Computers to Read 🌶 (Greg Burnham)
11:15–12:05	Alderson 162	[HR] The Continuum Hypothesis (2/2) (Susan)					
	Alderson 230	[IBL] Simple Models of Computation 🌶 (Pesto)					
	Brown 206	Commutative Algebra and Algebraic Geometry $(2/2)$ \not					
	Brown W375	Machine Learning (No Neural Nets) グウク (Linus)					
	Brown 125	Knot Theory 🌶 (Jeff)					
11:30-1:00	Mines Market	Lunch					
1:10-2:00	Alderson 230*	[HR] [IBL] Cohomology via Sheaves クラウラウ (Apurva)					
	Brown 125	Rational Points on Elliptic Curves タグタ (Shiyue)					
	Brown 206	Ramsey Theory 🌶 (Misha)					
	Brown W375*	[IBL] Intersecting polynomial	omials 🌶 (Tim!)		Combinatorial Designs カカ クカウ (Ania)		
	Marquez 026	[HR] Infections, contractions, and tumors, Oh My! Agent Based Modeling of Biological Systems. カケ ナカカ (Angela Gallegos & Kamila Larripa)					
2:00-4:00	Brown Lobby			TAU		2:00-3:30	AA Meetings (bring your blurbs!)
4:00-5:00	BW280	Is Mathematics Biology's Next Microscope? (Angela Gallegos & Kamila Larripa)	Quantum Hack (J-Lo)	Quantum Mathematicians (Scott Strong)	Building machines that learn and think like people (Josh Tenenbaum)	3:45-5:15	Relays in Stratton Common (Bring water!)
5:00-6:30	Mines Market	Dinner					

Key: [HR] — Homework Required [IBL] — Inquiry Based Learning Special Note: On Tuesday and Wednesday Alderson 230 becomes Alderson 162 and Brown W375 becomes Alderson 230.