Mathcamp 2018 Tentative Four-Week Schedule

Time	Week 1	Week 2	Week 3	Week 4
9:10	Algebraic Number Theory ♪♪♪ (Shiyue & J-Lo)	Cutting paper stuff ♪♪ (*Steve Schweber*)	History of Math ♪♪ (Sam)	ARML Power Rounds ♪ (Misha)
	Crash Course ♪ (Lara)	de Bruijn Sequences ♪♪ (Pesto) / Random Matchings ♪♪ (*Fedya Manin*)	Linear Programming ♪♪♪ (Linus)	Differential Topology ♪♪♪ (Kevin)
	Statistical Modeling ♪♪ (Sam)	Haskell ♪♪ (Larsen)	Partially Ordered Sets ♪♪ (*Mike Orrison*)	Public-Key Cryptography ♪♪ → ♪♪♪ (J-Lo)
	Street Fighting Mathematics ♪♪ (*Sanjoy Mahajan*)	Potato ♪♪♪ (Apurva)	Signals Analysis ♪♪ (Jeff)	Representation Theory (2/2) ♪♪♪♪ (Aaron)
	Symmetries & Polynomials ♪♪ (Aaron & Apurva)	Intro Ring Theory ♪♪♪ (Lara)	Trees! ♪♪♪ (Shiyue)	The Erdos Distance Problem ♪♪♪ (Ben)
10:10	bigg Numbers ♪♪ (Linus & Pesto)	Flag Algebras ♪♪♪♪ (Misha)	Axiomatic Music Theory ♪ (J-Lo)	Investigating Groups ♪♪ → ♪♪♪ (Sara) / TBA ♪♪ (Agustin + Greg)
	Complex Dynamics ♪♪ (*Scott Kaschner*)	Hardness ♪♪♪ (Linus)	Commutative Algebra (1/2) ♪♪♪ (Mark)	Mathematical Art History ♪ (Viv)
	Infinitesimal Calculus ♪♪♪ (Tim!)	Intersecting Curves ♪♪ (J-Lo)	Monsters in Real Analysis ♪♪♪ (Ben)	Mathematics of Democracy ♪ (Mira)
	Linear Algebra (1/2) ♪♪ → ♪♪♪ (Mark)	Linear Algebra (2/2) ♪♪♪ (Mark)	Low-Dimensional Zoology ♪♪♪ (Larsen)	The Fundamental Group ♪♪♪ (Larsen)
	Machine Geometry ♪♪♪ (Misha)	MCMC ♪♪ (Mira)	The Continuum Hypothesis (1/2) ♪♪♪♪ (Susan)	Trail Mix ♪ → ♪♪♪♪ (Mark)
11:10	Calculus on Graphs ♪♪ (J-Lo)	Intro Number Theory (2/2) ♪♪ (Mark)	Axiomatic Geometry ♪♪ (Misha)	Algebraic Geometry (2/2) ♪♪♪ (Mark)
	DIY Hyperbolic Geometry ♪♪ (*Katie Mann*)	Metric Space Topology ♪♪ (Jeff)	Conflict-Free Graph Coloring ♪♪ (Pesto)	Machine Learning ♪♪♪ (Linus)
	Game Theory ♪ (Ben)	PS: Inequalities ♪♪♪♪ (Pesto)	Oversize Airline Baggage ♪♪ (*Tim!*) / David R's Math Class ¿♪? (*David Roe*)	Martingales ♪♪ (*Yuval*)
	Group Theory ♪♪♪ (Mira)	The Class Number ♪♪♪ (Kevin)	Representation Theory (1/2) ♪♪♪♪ (Aaron)	Simple Models of Computation (Pesto)
	Stupid Games on Uncountable Sets ♪♪♪♪ (Susan)	Topological Tverberg's theorem ♪♪♪♪ (Viv)	Riemann's Explicit Formula ♪♪♪♪ (Kevin)	The Continuum Hypothesis (2/2) ♪♪♪♪ (Susan)
1:10	How to Integrate Better ♪♪♪♪ (*Steve Schweber*)	Modular Forms ♪♪♪♪ (Shiyue)	Combinatorics of some sort ♪♪ (Mark)	Mathematical Promenade ♪♪ (Tim!) / Combinatorial Designs ♪♪ (Ania)
	Intro Graph Theory ♪♪ (Mia)	Chaotic? Good! ♪♪♪ (Ben)	Divisor Theory of Graphs ♪♪♪ (*David Perkinson*)	Cohomology via Sheaves ♪♪♪ → ♪♪♪♪ (Apurva)
	Intro Number Theory (1/2) ♪♪ (Mark)	Combinatorial Poetry ♪♪ (*Matt Stamps*)	Galois Theory ♪♪♪♪ (Viv)	Modeling of Biological Systems ♪♪ → ♪♪♪ (*Angela & Kamila*)
	Probability & Paradoxes ♪ (Larsen)	Guess Who? ♪ (Tim!)	Max Flow Min Cut ♪♪ (Tim!)	Ramsey Theory ♪♪ (Misha)
	Triangulations and Flip-Graphs ♪♪ (Viv)	The outer automorphism of S_6 ♪♪♪ (Aaron)	Spectral Graph Theory ♪♪ (Laura) / q-Analogues ♪♪ (*Maria Gillespie*)	Rational Points on Elliptic Curves ♪♪♪ (Shiyue)