Mathcamp 2014 Tentative Four-Week Schedule

Time	Week 1	Week 2	Week 3	Week 4
9:10am	[**HR**] Universal Algebra 👣👣👣👣 (Steve)	Infinite Trees (Week 2 of 2) 👣👣👣 (Susan)	[**HR**] MM Topology (Week 3 of 4) 👣👣👣👣 (Alfonso)	NP–Completeness & Latin Squares 👣👣👣👣 (Paddy)
	p-adic Numbers 👣👣👣 (*Holly Swisher*)	Evasiveness 👣👣👣👣 (Tim!)	On Beyond i 👣👣 (Steve)	Error–Correcting Codes 👣👣 (Kevin)
	Linear Algebra 👣👣 (*Yvonne Lai*)	Combinatorial Game Theory 👣👣 (Mira)	Random Graphs 👣👣👣 (Misha)	When Factoring Goes Wrong 👣👣 (J–Lo)
	Cubic Curves 👣👣👣 (Mark)	Electricity & Graphs 👣👣 (Paddy)	Polynomial Fermat's Last Theorem 👣👣👣 (Sachi)	Galois Theory (Week 2 of 2) 👣👣👣👣 (Mark)
	[**HR**] Mathcamp Crash Course 👣 (Paddy)	Complex Analysis (Week 2 of 2) 👣👣👣 (Kevin)	The Math of Magic 👣 (Don)	Tilings, Groups, & Orbifolds 👣👣👣 (*Noah Snyder*)
10:10am	Infinite Trees (Week 1 of 2) 👣👣👣 (Susan) / Fast Multiplication 👣👣👣 (*Matt Wright*)	[**HR**] MM Topology (Week 2 of 4) 👣👣👣👣 (Alfonso)	Latin Squares 👣👣 (Marisa)	[**HR**] Scandalous Curves 👣👣👣 (Jeff)
	Bayesian Statistics 👣👣 (Ruthi)	Category Theory 👣👣👣👣 (Don)	[**HR**] Congruent Numbers (Week 2 of 2) 👣👣👣👣 (Ruthi)	(Th)ink Machine 👣→👣👣👣 (Aaron)
	Introduction to Graph Theory 👣 (Marisa)	Geometry of Spacetime 👣👣 (Aaron)	IVT & Chaos 👣👣👣 (Paddy)	Geometry of Numbers 👣👣 (Ruthi)
	Group Theory 👣👣👣 (Don)	(Non)linear Systems of DiffEQs 👣👣👣 (Mark)	Quantum Mechanics in Pictures 👣👣👣 (Aaron)	Goedel's Incompleteness Theorem 👣👣👣 (Steve)
	[**HR**] Complex Analysis (Week 1 of 2) 👣👣👣 (Kevin)	Modular Arithmetic for the Win 👣👣 (*David Roe*)	Knot Theory 👣👣 (*Allison Henrich & Sam Nelson*)	[**HR**] PS: Polynomials 👣👣👣👣 (Pesto)
11:10am	Simple Models of Computation 👣👣 (Pesto)	Strong Models of Computation 👣👣 (Pesto)	Grading Proofs Made Easy 👣👣👣 (Tim!)	TBD 👣👣👣 (*Angélica Osorno*) / Low–Dim. Topology 👣👣 (*Dan Z*)
	[**HR**] Combinatorial Topology 👣👣 (Jeff)	Fractal Zoo 👣👣 (Jeff)	[**HR**] Analytic Number Theory 👣👣👣👣 (Kevin)	Discrete Derivatives 👣👣 (Tim!) / Sperner's Lemma 👣👣 (Tim!)
	Hales-Jewett 👣👣👣👣 (Misha)	Counting Conics 👣👣👣 (Sachi)	The John Conway Hour 👣→👣👣👣👣 (*John Conway*)	Fractals TBD 👣👣 (*Julian Gilbey*)
	Intro Number Theory 👣👣 (Mark)	Galois Theory (Week 1 of 2) 👣👣👣👣 (Mark)	IMO P6 👣👣👣 (*Po–Shen Loh*) / Sylow Theorems 👣👣👣 (Mia)	TBD 👣👣👣 (Mark)
	Banach–Tarski (Week 1 of 2) 👣👣👣 (*Mark Sapir*)	Banach–Tarski (Week 2 of 2) 👣👣👣 (*Mark Sapir*) / Probability & the Mind 👣👣 (*Josh Tenenbaum*)	Voting Theory 👣 (Alfonso)	Continuum Hypothesis (Week 2 of 2) 👣👣👣👣 (Susan)
1:10pm	[**HR**] MM Topology (Week 1 of 4) 👣👣👣👣 (Alfonso)	Compressed Sensing 👣👣👣 (*Soledad Villar*)	How to Cut a Sandwich 👣👣👣 (Jeff)	[**HR**] MM Topology (Week 4 of 4) 👣👣👣👣 (Alfonso)
	Irrationalia 👣 (Aaron)	[**HR**] Congruent Numbers (Week 1 of 2) 👣👣👣👣 (Ruthi)	[**HR**] The Bell Curve 👣👣👣 (Mira)	Geometry of Groups 👣👣👣👣 (Don)
	[**HR**] Real Analysis 👣👣👣 (Nic)	exp 👣👣 (*Mike Hall*)	Continuum Hypothesis (Week 1 of 2) 👣👣👣👣 (Susan)	Generating Functions & Partitions 👣👣 (*Tom Roby*)
	Ring Theory 👣👣 (*Daoji Huang*)	Knowledge, Uncertainty, and Games 👣👣 (*Joe Halpern*)	[**HR**] Graph Coloring 👣👣 (*Mo Omar & Matt Stamps*)	Bernoulli Numbers 👣👣👣 (*Dave Savitt*)
	[**HR**] PS: The Probabilistic Method 👣👣 (Tim!)	[**HR**] PS: Number Theory 👣👣👣 (Misha)	[**HR**] PS: Geometry 👣👣 (Misha)	Finite Geometries 👣 (Misha)

Key: [**HR**]—Homework Required PS—Problem Solving MM—Moore Method