Mathcamp 2016 Cluster Conflict Schedule

Classes in different clusters conflict if and only if their shaded areas are in the same column.

Cluster	Week 1	Week 2	Week 3	Week 4
The Shape of Things	Cutting Surfaces into Silly Straws 🌶 (Assaf)		Topology and Geometry of Surfaces 🌶 (Jane)	Knot Theory 🌶 (Jeff)
Algebraic Topology		Extending Inclusion/Exclusion 🌶🌶🌶 (Jeff)	A Tale of Combs and Hedgehogs 🌶🌶🌶🌶 (*Alfonso* + Chris)	The Fundamental Group 🌶🌶🌶 (Jane)
Maps, Graphs, Colors, Walks	Introduction to Graph Theory 🌶 (Marisa)	Almost Planar 🌶🌶 (Marisa)	Graph Colorings 🌶🌶 (Mia) / The Hadwiger–Nelson Problem 🌶 (Riley)	Harmonic Functions on Graphs 🌶🌶 (Yuval)
Techniques in Graph Theory		Graph Minors 🌶🌶🌶 (Pesto)	Random Graphs 🌶🌶🌶 (Misha)	Spectral Graph Theory 🌶🌶🌶 (Sachi)
Algebraic Novelties		The Word Problem for Groups 🌶🌶 (Assaf)	Finitely-Generated Algebras 🌶🌶 (Susan)	Burnside's Lemma 🌶🌶 (*Alfonso Gracia-Saz*)
Groups		Geometric Group Theory 🌶🌶🌶🌶 (Susan)	Representation Theory of Finite Groups (1/2) 🌶🌶🌶🌶 (Mark) / Algebraic Groups 🌶🌶🌶🌶 (Don)	Representation Theory of Finite Groups (2/2) 🌶🌶🌶🌶 (Mark) / The Word Problem for Hyperbolic Groups 🌶🌶🌶🌶 (Assaf) / Random Groups 🌶🌶🌶 (Assaf + Misha)
Rings and Fields	The Democracy of Number Systems 🌶🌶🌶 (*Clifton Cunningham*) / Introduction to Ring Theory 🌶🌶🌶 (*Ari Nieh*)	Field Extensions and Galois Theory (1/2) 🌶🌶🌶🌶 (Mark) / K-Theory 🌶🌶🌶🌶 (Don)	Field Extensions and Galois Theory (1/2) 🌶🌶🌶🌶 (Mark) / Bad Domains, Bad Factorization 🌶🌶🌶🌶 (*Alfonso Gracia-Saz*)	Algebraic Number Theory 🌶🌶🌶🌶 (David)
Games Mathematicians Play	Combinatorial Games 🌶🌶 (Jane)		Nonzero-Sum Games 🌶 (Pesto)	Stupid Games on Infinite Sets 🌶🌶 (Susan)
Mathematics and its Applications	Statistical Modeling 🌶🌶 (Sam)	Neural Networks 🌶 (Kevin)	Functional Programming 🌶🌶 (Nic)	Does ESP Exist? 🌶🌶 (*Mira Bernstein*) / Quantum Mechanics 🌶🌶🌶 (Nic)
Summing Series	Generating Functions and Partitions 🌶🌶 (Mark) / Analytic Number Theory 🌶🌶🌶🌶 (Sachi)	Divergent Series 🌶🌶 (Sachi)	What Can We Exponentiate? 🌶🌶🌶 (Assaf) / dCalculus 🌶 (Jeff)	Asymptotics of Generating Functions 🌶🌶🌶 (Kevin)
Problem Solving	Problem Solving: Triangle Geometry 🌶🌶🌶 (Zach)	Problem Solving: Induction 🌶🌶 (Misha)	Problem Solving: Symmetry, Parity, and Invariants 🌶🌶 (*Joshua Zucker*)	Problem Solving: Polynomials 🌶🌶🌶🌶 (Pesto)

Each week's columns: 9 AM, 10 AM, 11 AM, 1 PM.