	Week 1	Week 2	Week 3	Week 4
09:10	**(MISC)** ***** ***** August, 🌶🌶	**(NT)** Calendars and balanced words Nikita, 🌶	**(?)** tbd *Allan Adams*	**(TOP)** Surfaces that don't fit in 3D Laithy, 🌶🌶	**(ANA)** Weyl's Equidistribution Theorem Laithy, 🌶🌶🌶	**(ALG, NT)** Class groups August, 🌶🌶🌶🌶
	(COM) Can you draw a graph nicely? Bowen, 🌶🌶🌶		**(MISC)** Efficiency Frontiers Nikita, 🌶🌶🌶🌶	**(COM)** What they teach you in a game theory course Nikita, 🌶	**(NT)** Cubic curves Mark, 🌶🌶🌶
	(COM) Introduction to graph theory Marisa, 🌶🌶		**(ALG)** Applications of Eigenstuff Mark, 🌶🌶🌶	**(NT)** Hasse-Minkowski theorem *Ivan Loseu*, 🌶🌶🌶	**(ANA)** Lebesgue vs Baire Maya, 🌶🌶🌶
	(ALG, NT) GF(2^8) and QR codes *Eric Stubley,* 🌶🌶🌶		**(PROB)** Concentration (Week 2 of 2) Misha, 🌶🌶🌶	**(GEO, TOP)** Teichmüller theory of the torus Arya, 🌶🌶	**(TOP)** Fair division using Topology *Jane Wang,* 🌶🌶	**(ALG, COM)** Congruences and observables *Steve Schweber*, 🌶🌶
	(ALG) Introduction to linear algebra Glenn, 🌶🌶		**(CS)** The limits of computation *Dan Zaharopol,* 🌶🌶	**(LOG)** Continuum Hypothesis (Week 1 of 2) Susan, 🌶🌶🌶🌶	**(COM)** Hadwiger's conjecture *Pesto*, 🌶🌶
BREAK				
10:10	**(GEO)** Hyperbolic geometry Arya, 🌶🌶		**(ALG)** Advanced SET Theory Della, 🌶🌶🌶	**(LOG)** Well-quasi-orders and Kruskal's Tree Theorem Della, 🌶🌶🌶	**(ALG)** Intermediate growth Neelam, 🌶🌶🌶
	(COM) Polynomial methods in a hat puzzle Nikita, 🌶🌶	**(TOP)** Visualizing the 3-sphere Laithy, 🌶	**(ANA, TOP)** Some cool spaces Purple and Maya, 🌶 -- 🌶🌶	**(ALG, CS)** Fourier Analysis but actually algebra Glenn, 🌶🌶🌶🌶	**(ANA)** Fourier Analysis but actually physics Laithy and *Alan Chang*, 🌶🌶🌶
	(NT) Introduction to number theory Mark, 🌶🌶🌶		**(ALG, GEO)** Geometric group theory *Johanna Mangahas,* 🌶🌶	**(ANA)** Baire Necessities Ben and Charlotte, 🌶🌶🌶	**(COM)** What they don't teach you in a game theory course Nikita, 🌶 -- 🌶🌶
	(COM) The four-color theorem Misha, 🌶🌶🌶		**(COM, NT)** Finite posets and lattices Riley, 🌶	**(PROB)** Memorylessness Misha, 🌶	**(GEO)** Machine geometry Misha, 🌶🌶🌶
	(ANA) Everyone WILL hate analysis Ben, 🌶🌶		**(ALG)** Commutative algebra / algebraic geometry (Week 2 of 2) Mark, 🌶🌶🌶 -- 🌶🌶🌶🌶	**(ALG, TOP)** Braids and left distributivity Preston, 🌶🌶	**(VAR)** Trail Mix Mark, 🌶 -- 🌶🌶🌶🌶
TAU 1				

LUNCH				
COLLOQUIUM				
14:10	**(PROB)** Not so ordinary least squares *Apurva Nakade*, 🌶🌶🌶	**(COM)** Structure and randomness Ce, 🌶🌶🌶	**(COM)** Finite geometry through matrices Ce, 🌶🌶	**(MISC)** Principle of Indifference Purple, 🌶
	(CS) Proving puzzles hard Della, 🌶🌶	**(CS)** Mealy Automata Neelam, 🌶 **(GEO, TOP)** Shirts Arya, 🌶🌶	**(ANA)** Fourier analysis but actually analysis Ben, 🌶🌶🌶	**(CS, NT)** Error-correcting codes Narmada and Riley, 🌶🌶
	(ALG) Commutative algebra / algebraic geometry (Week 1 of 2) Mark, 🌶🌶🌶 -- 🌶🌶🌶🌶	**(ANA)** Everyone WILL love analysis Charlotte, 🌶🌶	**(ALG)** Pre-Galois theory August, 🌶🌶🌶	**(ANA, ALG)** Differential forms and Stokes' theorem Laithy, 🌶🌶🌶🌶
	(ALG) Introduction to group theory Neelam, 🌶🌶	**(CS, PROB)** Bayesian statistics *Mira Bernstein and Abi Tenenbaum,* 🌶 🌶 -- 🌶🌶🌶	**(ALG, CS)** Hanoi tower and automata Neelam, 🌶🌶	**(ALG, COM)** Hex and Brouwer Nikita, 🌶🌶🌶
	(ANA) The Lebesgue integral Riley, 🌶🌶🌶🌶	**(NT)** Algorithms for large primes Zach, 🌶🌶	**(VAR)** How to pronounce "Lucas" Misha, 🌶🌶🌶	**(LOG)** Continuum Hypothesis (Week 2 of 2) Susan, 🌶🌶🌶🌶
BREAK				
15:10	**(CS, LOG)** The Curry-Howard isomorphism Purple, 🌶🌶	**(CS)** Build a computer Glenn, 🌶🌶	**(NT)** Congruent numbers and elliptic curves *Ruthi Hortsch*, 🌶🌶🌶	**(COM)** Stupid games on infinite graphs Della, 🌶🌶
	(TOP) The Hairy Ball theorem Laithy, 🌶🌶🌶🌶	**(ALG)** A deeper dive into finite groups August, 🌶🌶	**(TOP)** Elite Ball Knowledge Maya and Riley, 🌶🌶	**(ALG, NT)** Multi-coefficient solving problems *Pesto,* 🌶🌶🌶🌶
	(COM) Concentration (Week 1 of 2) Misha, 🌶🌶🌶	**(COM, NT)** Arithmetic Ramsey Theory Bowen, 🌶🌶🌶🌶	**(ALG, COM)** Spectral Graph Theory Bowen, 🌶🌶	**(NT)** Chevalley-Warning Theorem *Jakub Witaszek*, 🌶🌶🌶
	(COM) Voting theory: The problem Ben, 🌶	**(ALG, TOP)** Lie Theory Ben, 🌶🌶🌶	**(ALG, TOP)** The many faces of the Euler characteristic Purple, 🌶🌶🌶🌶	**(ANA)** A Universal Curve Ben, 🌶🌶🌶 **(MISC)** Advanced Latex Allison and Glenn, 🌶
	(GEO) Problem-solving: Triangle geometry Zach, 🌶🌶🌶	**(COM)** Nimbers (and Surreal numbers) *Aaron Anderson*, 🌶🌶	**(ANA, CS)** Making algorithms continuous Narmada, 🌶🌶🌶🌶	**(ALG, ANA)** Rings of continuous functions *Steve Schweber*, 🌶🌶🌶🌶
TAU 2				
DINNER				