

	Week 1		Week 2		Week 3	Week 4
09:10	(MISC) ***** August, 🌶️🌶️	(NT) Calendars and balanced words Nikita, 🌶️	(?) tbd <i>Allan Adams</i>	(TOP) Surfaces that don't fit in 3D Laithy, 🌶️🌶️	(ANA,NT) 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, 🌶️🌶️🌶️
	(ALG) Commutative algebra/algebraic geometry Mark, 🌶️🌶️🌶️ → 🌶️🌶️🌶️🌶️		(ALG) Applications of Eigenstuff Mark, 🌶️🌶️🌶️		(NT) Hasse-Minkowski theorem <i>Ivan Loseu</i> , 🌶️🌶️🌶️	(ANA) Lebesgue vs Baire Maya, 🌶️🌶️🌶️
	(ALG, NT) GF(2^8) and QR codes <i>Eric Stubbley</i> , 🌶️🌶️🌶️		(PROB) Concentration (Week 2 of 2) Misha, 🌶️🌶️🌶️		(GEO, TOP) Teichmüller theory of the torus Arya, 🌶️🌶️	(TOP) Fair division using Topology <i>Jane Wang</i> , 🌶️🌶️ (ALG, COM) Congruences and observables <i>Steve Schweber</i> , 🌶️🌶️
	(ALG) Introduction to linear algebra Glenn, 🌶️🌶️		(CS) The limits of computation <i>Dan Zaharopol</i> , 🌶️🌶️		(LOG) Continuum Hypothesis (Week 1 of 2) Susan, 🌶️🌶️🌶️🌶️	(COM) Hadwiger's conjecture <i>Pesto</i> , 🌶️🌶️
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 <i>Alan Chang</i> , 🌶️🌶️🌶️
	(NT) Introduction to number theory Mark, 🌶️🌶️🌶️		(ALG, GEO) Geometric group theory <i>Johanna Mangahas</i> , 🌶️🌶️		(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 <i>Apurva Nakade</i> , 🌶️🌶️🌶️	(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, 🌶️🌶️🌶️	
	(ALG, TOP) Mapping Class Groups Arya, 🌶️🌶️🌶️🌶️	(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 <i>Mira Bernstein and Abi Tenenbaum</i> , 🌶️ 🌶️ -- 🌶️🌶️🌶️	(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 <i>Ruthi Hortsch</i> , 🌶️🌶️🌶️	(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 <i>Pesto</i> , 🌶️🌶️🌶️🌶️	
	(COM) Concentration (Week 1 of 2) Misha, 🌶️🌶️🌶️	(COM, NT) Arithmetic Ramsey Theory Bowen, 🌶️🌶️🌶️🌶️	(ALG, COM) Spectral Graph Theory Bowen, 🌶️🌶️	(NT) Chevalley-Waring Theorem <i>Jakub Witaszek</i> , 🌶️🌶️🌶️	
	(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) <i>Aaron Anderson</i> , 🌶️🌶️	(ANA, CS) Making algorithms continuous Narmada, 🌶️🌶️🌶️🌶️	(ALG, ANA) Rings of continuous functions <i>Steve Schweber</i> , 🌶️🌶️🌶️🌶️	
TAU 2					
DINNER					