

MATHCAMP 2006 - Week 4 Schedule

		Tuesday 7/25	Wednesday 7/26	Thursday 7/27	Friday 7/28	Saturday 7/29
9-9:50	M003 or M103	Mandatory Assembly (M103)	Generating functions, Catalan numbers, and partitions ** (Julian and Mark)	Generating functions, Catalan numbers, and partitions ** (Julian and Mark)	Generating functions, Catalan numbers, and partitions ** (Julian and Mark)	Generating functions, Catalan numbers, and partitions ** (Julian and Mark)
	J213		Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)
	F		<i>The geometry of continued fractions</i> *** (Moon)	<i>The geometry of continued fractions</i> *** (Moon)	<i>The geometry of continued fractions</i> *** (Moon)	<i>The geometry of continued fractions</i> *** (Moon)
	D		HW Vectors & matrices, tensors & spinors *** (Anti & Alfonso)	HW Vectors & matrices, tensors & spinors *** (Anti & Alfonso)	HW Vectors & matrices, tensors & spinors *** (Anti & Alfonso)	HW Vectors & matrices, tensors & spinors *** (Anti & Alfonso)
	E		Fermat's dream II **** (Miljan)	Fermat's dream II **** (Miljan)	Fermat's dream II **** (Miljan)	Fermat's dream II **** (Miljan)
10-10:50	J213	Knots and links ** (Ari)	Knots and links ** (Ari)	Knots and links ** (Ari)	Knots and links ** (Ari)	Knots and links ** (Ari)
	G	<i>Combinatorially thinking</i> ** (Art Benjamin & Jenny Quinn)	<i>Combinatorially thinking</i> ** (Art Benjamin & Jenny Quinn)	<i>Combinatorially thinking</i> ** (Art Benjamin & Jenny Quinn)	<i>Combinatorially thinking</i> ** (Art Benjamin & Jenny Quinn)	<i>Combinatorially thinking</i> ** (Art Benjamin & Jenny Quinn)
	D	Semidefinite programming **** (Ellen)	Semidefinite programming **** (Ellen)	Semidefinite programming **** (Ellen)	Semidefinite programming **** (Ellen)	Semidefinite programming **** (Ellen)
	F	7MP : BSD conjecture *** (Dave S)	7MP : BSD conjecture *** (Dave S)	7MP : BSD conjecture *** (Dave S)	7MP : BSD conjecture *** (Dave S)	7MP : BSD conjecture *** (Dave S)
	E	MM Topology **** (M@)	MM Topology **** (M@)	MM Topology **** (M@)	MM Topology **** (M@)	MM Topology **** (M@)
11-11:50	F	<i>Generating functions & Feynman diagrams</i> *** (Anti & Holly)	<i>Generating functions & Feynman diagrams</i> *** (Anti & Holly)	<i>Generating functions & Feynman diagrams</i> *** (Anti & Holly)	<i>Generating functions & Feynman diagrams</i> *** (Anti & Holly)	<i>Generating functions & Feynman diagrams</i> *** (Anti & Holly)
	D	PNT for polynomials *** (Noah)	PNT for polynomials *** (Noah)	PNT for polynomials *** (Noah)	PNT for polynomials *** (Noah)	PNT for polynomials *** (Noah)
	G	Singularities & knots **** (DA)	Singularities & knots **** (DA)	Singularities & knots **** (DA)	Singularities & knots **** (DA)	Singularities & knots **** (DA)
	J213	<i>Reeb foliation of 3-sphere</i> * (Dan)	<i>Polytopes</i> **-*** (Jeremy)	<i>Polytopes</i> **-*** (Jeremy)	<i>Polytopes</i> **-*** (Jeremy)	<i>Polytopes</i> **-*** (Jeremy)
	E	Finite calculus, or How to add * (Julian)	Finite calculus, or How to add * (Julian)	Rational trigonometry & universal geometry ** (Julian)	Rational trigonometry & universal geometry ** (Julian)	Perfect numbers and Mersenne primes ** (Holly)
LUNCH						12-2 Lunch & advisor meetings
1:10-2	M103 or M003	Intro problem solving ** (Bogdan)	Domino tilings of Aztec diamonds ** (DA)	Domino tilings of Aztec diamonds ** (DA)	Voting theory ** (Rob)	(M103) <i>The top 10 (or so) combinatorial interpretations of the Catalan numbers</i> (Jeremy)
	D	HW Vectors & matrices, tensors & spinors *** (Anti & Alfonso)	Symmetric functions ** (M@ and Sam)	Symmetric functions ** (M@ and Sam)	Symmetric functions ** (M@ and Sam)	(D) Symmetric functions ** (M@ and Sam)
	E	Fermat's dream II **** (Miljan)	Topological graph theory *** (Marisa)	Topological graph theory *** (Marisa)	Topological graph theory *** (Marisa)	(E) Topological graph theory *** (Marisa)
	F	<i>The geometry of continued fractions</i> *** (Moon)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	(F) Olympiad problem solving **** (Bogdan)
	J213	Gen functions, Catalan numbers, & partitions ** (Julian & Mark)	Some commutative algebra, and a bit beyond ***-**** (Mark)	Some commutative algebra, and a bit beyond ***-**** (Mark)	Some commutative algebra, and a bit beyond ***-**** (Mark)	Some commutative algebra, and a bit beyond ***-**** (Mark)
2-4	TAU					(J213) Voting theory ** (Rob)
4-5 Colloquium	(M103) <i>Mental calculations</i> (Art Benjamin)	(M103) <i>Billiards</i> (Moon Duchin)	(M003) 7MP : The Riemann hypothesis (Miljan)	(M003) 7MP : The Poincare conjecture (Noah)	3:40 - :	Relays ! (Quad behind Jones)
Evening	(M324) Intro to latex (Julian)	Team Problem Solving				
All Day	(B) Marathon Ordinals & Cardinals *** (Kenny)					

Classrooms: J (Jones), M(McIntyre); B,D,E,F,G (see back)