MATHCAMP 2006 - Week 1 Schedule

		Tuesday 7/4	Wednesday 7/5	Thursday 7/6	Friday 7/7	Saturday 7/8
9 - 9:50	H005	**HW** Proof tecnhiques * (Marisa)	**HW** Proof techniques * (Marisa)	**HW** Proof techniques * (Marisa)	**HW** Proof techniques * (Marisa)	**HW** Proof techniques * (Marisa)
	J211	Intro to groups & actions ** (Sam)	Intro to groups & actions ** (Sam)	Intro to groups & actions ** (Sam)	Intro to groups & actions ** (Sam)	Intro to groups and actions ** (Sam)
	J213	Hyperbolic geom ** (Dan & Ryan)	Hyperbolic geom ** (Dan & Ryan)	Hyperbolic geom ** (Dan & Ryan)	Hyperbolic geom ** (Dan & Ryan)	Hyperbolic geometry ** (Dan & Ryan)
	J302	A random walk from the marriage theorem *** (Ellen)	A random walk from the marriage theorem *** (Ellen)	A random walk from the marriage theorem *** (Ellen)	A random walk from the marriage theorem *** (Ellen)	A random walk from the marriage theorem *** (Ellen)
	J204	Multivariable calculus *** (Mark)	Multivariable calculus *** (Mark)	Multivariable calculus *** (Mark)	Multivariable calculus *** (Mark)	Multivariable calculus *** (Mark)
	J303	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)
10-10:50	J204	**HW** Combinatorics * (Ellen)	**HW** Combinatorics * (Ellen)	**HW** Combinatorics * (Ellen)	**HW** Combinatorics * (Ellen)	**HW** Combinatorics * (Ellen)
	J211	**BD** Rational numbers ... in space! ** (Noah)	**BD** Rational numbers ... in space! ** (Noah)	**BD** Rational numbers ... in space! ** (Noah)	**BD** Rational numbers ... in space! ** (Noah)	**BD** Rational numbers in space! ** (Noah)
	H005	**HW** Applied linear algebra ** (Mira)	**HW** Applied linear algebra ** (Mira)	**HW** Applied linear algebra ** (Mira)	**HW** Applied linear algebra ** (Mira)	**HW** Applied linear algebra ** (Mira)
	J213	**HW** Theoretical computer science *** (Dan and fMatt)	**HW** Theoretical computer science *** (Dan and fMatt)	**HW** Theoretical computer science *** (Dan and fMatt)	**HW** Theoretical computer science *** (Dan and fMatt)	**HW** Theoretical computer science *** (Dan and fMatt)
	J303	**MM** Topology **** (M@)	**MM** Topology **** (M@)	**MM** Topology **** (M@)	**MM** Topology **** (M@)	**MM** Topology **** (M@)
11-11:50	H005	Intro to number theory ** (Mark)	Intro to number theory ** (Mark)	Intro to number theory ** (Mark)	Intro to number theory ** (Mark)	Intro to number theory ** (Mark)
	J213	**HW** Information theory *** (Mira)	**HW** Information theory *** (Mira)	**HW** Information theory *** (Mira)	**HW** Information theory *** (Mira)	**HW** Information theory **** (Mira)
		(J302) Numbers and topology ** (Yuliya)	(J302) Numbers and topology ** (Yuliya)	(J302) Geometric puzzles * (George Hart)	(A/L106) Zometool intro workshop * (George Hart)	(A/L106) Zometool workshop: 4D models * (George Hart)
	J303	Quantum mechanics **** (Anti)	Quantum mechanics **** (Anti)	Quantum mechanics **** (Anti)	Quantum mechanics **** (Anti)	Quantum mechanics **** (Anti)
	J211	How to read a math paper *** (Dave S and Dave R)	How to read a math paper *** (Dave S and Dave R)	How to read a math paper *** (Dave S and Dave R)	*Does a graph have eigenvalues? **-*** (Marina Meila)*	How to read a math paper *** (Dave S and Dave R)
	J204		A quicky tour of knot theory ** (Abby Thompson)	A quicky tour of knot theory ** (Abby Thompson)		
		LUNCH				12-2 Lunch and advisor meetings
1:10-2	J302	Fermat's dream I **** (Miljan)	Fermat's dream I **** (Miljan)	Fermat's dream I **** (Miljan)	Fermat's dream I **** (Miljan)	2-2:30 (M103) My favourite mathematical magic trick (Mira)
	J213	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	2:40 - 3:30 (J213)Intr prob solv ** (Bogdan)
	J211	Combinatorial game theory ** (Alfonso)	Combinatorial game theory ** (Alfonso)	Combinatorial game theory ** (Alfonso)	Combinatorial game theory ** (Alfonso)	(J211) Combinatorial game theory ** (Alfonso)
	H005	**HW** Vectors & matrices, tensors & spinors *** (Anti)	**HW** Vectors & matrices, tensors & spinors *** (Anti)	**HW** Vectors & matrices, tensors & spinors *** (Anti)	**HW** Vectors & matrices, tensors & spinors *** (Anti)	(H005) **HW** Vectors & matrices, tensors & spinors *** (Anti)
	J303	Constructive geometry * (Dave A)	Constructive geometry * (Dave A)	Constructive geometry * (Dave A)	Constructive geometry * (Dave A)	(J303) Constr geom * (DaveA)
2-4		(J204) **TAU**				(J302) Fermat's dream I (Miljan)
4-5 (Col.)	M103	**7MP**: P vs NP (Dan)	3-dimensional spaces, or, Where are we? (Abby Thompson)	Tropical geometry (Sam)	Graphs, grouping, and eigenvectors (Marina Meila)	3:40 – 5 Relays ! (Meet on A/L quad)
	J303				Topology of random simplicial complexes (M@)	
Evening			7-9 Team Problem Solving	6:30-7:30 (J303) Linear algebra crash course (Anti) 7:30-9 (A/L106) Puzzle workshop (Hart)	7-9 (H011) Latex workshop (M@ and Yuliya)	

***HW**: Homework required*
***MM**: Moore Method*
***BD**: By Discovery*

Rooms: A/L (Anderson/ Langdon), H (Howarth), J (Jones), M (McIntyre)