

MATHCAMP 2006 - Week 2 Schedule

		Tuesday 7/11	Wednesday 7/12	Thursday 7/13	Friday 7/14	Saturday 7/15	
9 - 9:50	F	Mandatory Assembly (McIntyre 103)	Understanding infinity * (Dan)	Understanding infinity * (Dan)	Understanding infinity * (Dan)	Understanding infinity * (Dan)	
	G		Intro to groups & actions ** (Sam)	Intro to groups & actions ** (Sam)	Intro to groups & actions ** (Sam)	Intro to groups & actions ** (Sam)	
	D		Classical logic ** (Kenny)	Classical logic ** (Kenny)	Classical logic ** (Kenny)	Classical logic ** (Kenny)	
	E		Intro to graph theory ** (Marisa)	Intro to graph theory ** (Marisa)	Intro to graph theory ** (Marisa)	Intro to graph theory ** (Marisa)	
	J213		Complex analysis *** (Mark)	Complex analysis *** (Mark)	Complex analysis *** (Mark)	Complex analysis *** (Mark)	
	B		Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	
10-10:50	D	Fractal dimensions ** (Mike H)	Fractal dimensions ** (Mike H)	PP&DT: The Monty Hall Paradox * (Kenny)	PP&DT: Bertrand's paradox ** (Kenny)	PP&DT: Simpson's paradox * (Kenny)	
	B	HW Fermat's last theorem for polynomials *** (Noah)	HW Fermat's last theorem for polynomials *** (Noah)	HW Fermat's last theorem for polynomials *** (Noah)	HW Fermat's last theorem for polynomials *** (Noah)	The stable marriage algorithm * (Rob)	
	E	Linear programming ** (Ellen)	Linear programming ** (Ellen)	Linear programming ** (Ellen)	Linear programming ** (Ellen)	Linear programming ** (Ellen)	
	F	HW Theoretical computer science *** (Dan)	HW Theoretical computer science *** (Dan)	HW Theoretical computer science *** (Dan)	HW Theoretical computer science *** (Dan)	HW Theoretical computer science *** (Dan)	
	G	MM Topology **** (M@)	MM Topology **** (M@)	MM Topology **** (M@)	MM Topology **** (M@)	MM Topology **** (M@)	
11-11:50	M103	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)	
	E	HW Information theory *** (Mira)	HW Information theory *** (Mira)	HW Information theory *** (Mira)	HW Information theory *** (Mira)	HW Information theory *** (Mira)	
		<i>(A/L106) Xtreme Geometry – Group construction * (Hart)</i>	<i>(F) John Conway</i>	<i>(F) John Conway</i>	<i>(F) John Conway</i>	<i>(F) John Conway</i>	
	G	Archimedes's school of rock * (Sam)	Archimedes's school of rock * (Sam)	Archimedes's school of rock * (Sam)	Archimedes's school of rock * (Sam)	Archimedes's school of rock * (Sam)	
	B	The fifteen theorem **** (Dave R)	The fifteen theorem **** (Dave R)	The fifteen theorem **** (Dave R)	The fifteen theorem **** (Dave R)	The fifteen theorem **** (Dave R)	
	D	HW Algorithms ** (fMatt)	HW Algorithms ** (fMatt)	HW Algorithms ** (fMatt)	HW Algorithms ** (fMatt)	Algorithms ** (fMatt)	
LUNCH						12-2	Lunch and advisor meetings
1:10-2	B	HW Projective geometry ** (DA)	HW Projective geometry ** (DA)	HW Projective geometry ** (DA)	HW Projective geometry ** (DA)	2-2:30	(M003) TBA
	J213	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	2:40 - 3:30	(J213) Intro problem solving ** (Bogdan)
	F	Combinatorial game theory ** (Alfonso)	Combinatorial game theory ** (Alfonso)	Combinatorial game theory ** (Alfonso)	<i>Combinatorial geometry in problem solving ** -*** (Ivan)</i>		<i>(F) Combinatorial geometry in problem solving ** -*** (Ivan)</i>
	D	Probabilistic combinatorics * (M@)	Probabilistic combinatorics * (M@)	Probabilistic combinatorics * (M@)	Probabilistic combinatorics * (M@)		(D) Prob comb * (M@)
	E	HW Vectors & matrices, tensors & spinors *** (Anti)	HW Vectors & matrices, tensors & spinors *** (Anti)	HW Vectors & matrices, tensors & spinors *** (Anti)	HW Vectors & matrices, tensors & spinors *** (Anti)		(E) HW Vectors & matrices, tensors & spinors *** (Anti)
	G	Fermat's dream I **** (Miljan)	Fermat's dream I **** (Miljan)	Fermat's dream I **** (Miljan)	Fermat's dream I **** (Miljan)		(G) Fermat's Dream **** (Miljan)
2-3	TAU				TAU		
3-4					Project Fair! (A/L 106)		
4-5 (Col.)	M103	<i>The John Conway Hour</i>	<i>The John Conway Hour</i>	<i>The John Conway Hour</i>	<i>The John Conway Hour</i>	3:40 - ∴	Relays ! (Quad behind Jones)
	F			Efficient approximation of convex bodies (Ellen)	<i>7MP: The Navier-Stokes equation (Ivan)</i>		

Evening How (not) to give a math talk

Team Problem Solving

QQ presentations!

Classrooms: J (Jones), M (McIntyre), A/L (Anderson/Langdon); B,D,E,F & G (see back)