## 2017 Mathematical Olympiad Summer Program Schedule

Sun Jun 4	Mon Jun 5	Tue Jun 6	Wed Jun 7	Thu Jun 8	Fri Jun 9	Sat Jun 10
(red W5403)			JM Generat funct	EC Linear algebra	PL Graph theory 1	
(green W5421)			MS Num theory 1	RG Isometry	$\mathbf{RP} \ \mathbb{Q}$ , vector spaces	
(blue MMA14)			<b>PL</b> Graph theory 1	SR Inequalities	EC Linear algebra	
(black W8220)			RG Analysis	MS Farey seqs	$\mathbf{ML}$	
(black G5222)			CL Analysis	ML Num theory 2	SR Inequalities	
			MS Num theory 1	RG Isometry	<b>RP</b> Q, vector spaces	
			JM Generat funct	KS Linear algebra	<b>PL</b> Graph theory 1	
			<b>RL</b> Power of point	RL Spiral sim	<b>BI</b> Pell eqn	
(problems)			PL Combin sets	EC Linear algebra	RL Spiral sim	
(problems)			ML Num theory 1	GRAD	CL Analysis	
(afternoon)			LC, JB English+HW		ML	
			CD, KS English+HW		SR Combin optim	
		Arrival	EC English+HW	MOP Test 1	CL Analysis	Mock IMO 1
			AA, NK English+HW		BI Galois	
			YD, JL English+HW		RG Analysis	
(optional)						

Sun Jun 11	Mon Jun 12	Tue Jun 13	Wed Jun 14	Thu Jun 15	Fri Jun 16	Sat Jun 17
	RL Angle chasing	<b>BI</b> Pell eqn	JM Partitions	PL Graph theory 2	<b>RP</b> Q, vector spaces	
	CL Algeb integers	MS Num theory 2	YS Smooth fudge	RG Spiral sim	YS Combin sums	
	<b>PL</b> Graph theory 2	RG Polynomials	RL Cyclic quads	ML Enumeration 2	CL Seq/series	
	<b>RG</b> Комбинаторика	CL Analysis	SR Diophant eq	<b>JB</b> Coding theory	RG Geom transform	
	ML Num theory 4	SR Cross ratio	ML Enumeration 2	MS Random walks	RZ 0 know proof	
	CL Algeb integers	MS Num theory 2	YS Smooth fudge		YS Combin sums	
	RL Angle chasing	BI Pell eqn	JM Partitions		$\mathbf{RP} \ \mathbb{Q}$ , vector spaces	
	ML Enumeration 1	$\mathbf{RP} \ \mathbb{Q}$ , vector spaces	SR Cross ratio	DE Shaw	RL Roots of unity	
	<b>PL</b> Extrem combin	EC Weird Geo	MS Good problems		PL Graph theory	
	MS Good problems	$\overline{\mathbf{NK}}$ $\mathbb{C}$ geometry	RL Cyclic quads		ML Bezout	
		SR Inequalities				
		EC Rigid combin				
	MOP Test 2	YS C geometry	MOP Test 3	Team contest 1	Philosophy	Mock IMO 2
		ML Enumeration 1				
		<b>RG</b> Комбинаторика				
		Team prep				CL Euler Apery

Sun Jun 18	Mon Jun 19	Tue Jun 20	Wed Jun 21	Thu Jun 22	Fri Jun 23	Sat Jun 24
		TS Invariants	JM D.I.E.	PL Combin constr	SR Diophant eq	
		ML Functional eq	MS Num theory 3	RP Prime geometry	YS Polynomials	
	Kennywood	CL Romanian gems	YS Trig in algebra	MS Random walks	TS Invariants	
		MS Probability	RL Collinear/concur	TS Grownup geo	RL Pole and polar	
		BL Algeb nums	TS Invariants	<b>BL</b> Dirichlet 1	<b>BL</b> Dirichlet 2	
		ML Functional eq	MS Num theory 3	RP Prime geometry	YS Polynomials	
		TS Invariants	JM D.I.E.	PL Combin constr	SR Diophant eq	
	Kennywood	SR Combin optim	PL Combin constr	YS Weird ineq	BI Telescoping	
		PL Combin constr	NK Functional eq	ML Finite fields	PL Designs	
		YS Steepest descent	YS Orthogonal poly	SR Lift exponent	MS Convex sets	
			RL Angle chasing 2			
			SR Inequalities			
SIG	Kennywood	MOP Test 4	BL Spherical geo	MOP Test 5	Team contest 2	TSTST 1
			ML Young tableaux			
			CL Romanian gems			
			Team prep			

Sun Jun 25	Mon Jun 26	Tue Jun 27	Wed Jun 28	Thu Jun 29	Fri Jun 30	Sat Jul 1
	TS Induction	RP Min/max funct	JM Posets	RL Power of point	PL Extrem combin	
	ML Seq/series	SR Combin philos	BL Spherical geo	BI Telescoping	CL Romanian gems	
	CL Geom ineq	ML Additive comb	YL Strange combo	SR Combin philos	RP Min/max funct	Departure
	RL Count in 2 ways	TS Inversion	RL Symmedians	ML Enumeration	ML Additive comb	
	$\mathbf{BL}\ p$ -adics	CL Geom ineq	CL Analytic NT 1	CL Analytic NT 2	<b>BL</b> Algebraic NT	
	ML Seq/series	SR Combin philos	BL Spherical geo	BI Telescoping	CL Romanian gems	
	TS Induction	RP Min/max funct	JM Posets	RL Power of point	PL Extrem combin	
	RL Count in 2 ways	<b>NE</b> Probab combin	RL Symmedians	BL Factoring poly	SR Diophant eq	Departure
	CL Seq/series	<b>PL</b> Probab combin	SR Combin optim	PL Combin geom	NK Diophant secant	
	SR Great ideas	RL Geometry	YL Strange combo	SR Alg eqang poly	YL Discrete Fourier	
		ML Bijections				
		CL Geom ineq				
Two Sigma	TSTST 2	<b>BL</b> Quadratic recipr	MOP Test 6	Team contest 3	Beyond MOP	
		<b>NE</b> Vandermonde				
		SR Combin philos				
		Noam Elkies			Closing	