


2018 Mathematical Olympiad Summer Program Schedule

Sun Jun 3	Mon Jun 4	Tue Jun 5	Wed Jun 6	Thu Jun 7	Fri Jun 8	Sat Jun 9
<i>(red G5222)</i> <i>(green MMA14)</i> <i>(blue W8201)</i> <i>(blue W8220)</i> <i>(black G4101)</i> <i>(black G4102)</i>	IL Triangle centers LH Jensen-type ML Counting TS Invariants VW Linear algebra VW Linear algebra	ML Counting 1 EC Euclid alg PL Graph theory SR Great ideas VW Fields and Frob LH Ramsey theory	JM Graph theory YL v_p EC DDIT LH Generat funct SR Great ideas IL Combin geom	IL Cyclic quads SR Great ideas ML Project transf MG Primes PL Graph theory ZS Sequences	PL Graph theory LH Number theory IL Combin geom VW Polynomials AL Moves CL Geom ineq	
	LH Jensen-type IL Triangle centers VW Polynomials TS Invariants ML Counting ML Counting	EC Euclid alg ML Counting 1 YL Formulas SR Great ideas TS Invariants LH Ramsey theory	YL v_p JM Graph theory LH Generat funct PL Graph theory SR Great ideas EC DDIT	SR Magic ineq IL Cyclic quads TS Inversion ZS Sequences PL Graph theory ML Project transf	LH Number theory PL Graph theory YY Constructions TS Inequalities RA Combin seq VW Polynomials	
<i>(afternoon)</i>	Homework Rvw	MOP Test 1	Assembly	MOP Test 2	Study	Mock IMO 1
<i>(optional)</i>			PL Seminar		ML $ S < 0$	

Sun Jun 10	Mon Jun 11	Tue Jun 12	Wed Jun 13	Thu Jun 14	Fri Jun 15	Sat Jun 16
	IL Collinear/concur YY Constructions PL Combin sets ML Quadr residue VW \mathbb{C} geometry MS Random walks	PL Combin sets ML Quadr residue MS Random walks VW Manip and bound EC Grinding SR Hat color	EC Grinding JM \star jections LH Strategy CL Geom ineq AL Elliptic curves MS Rigorous analysis	EC USAMO 2013/3 IL Loci MS Rigorous analysis SR Hat color PL Combin sets TS Inversion	PL Extrem combin ML Counting 2 IL Inversion AL Cycles LH Chebyshev poly VW Algebraic NT	
	YY Constructions IL Collinear/concur TS PL Combin sets NE Designs NE Designs	ML Quadr residue PL Combin sets EC Grinding IL Pell eqn TS Grownup geo SR Hat color	JM \star jections EC Grinding LH Strategy TS VW Pow series \mathbb{Z}_p YL Beyond Markov		ML Counting 2 PL Extrem combin VW Algebraic NT TS LH Chebyshev poly MS Hard combo	
	Escape room	MOP Test 3	Philosophy	MOP Test 4	Study	Mock IMO 2
	NE Seminar		IL Seminar		LH Seminar	

Sun Jun 17	Mon Jun 18	Tue Jun 19	Wed Jun 20	Thu Jun 21	Fri Jun 22	Sat Jun 23
	SR Polynomials ZS Sequences EC Legend ineq YL Legend FE VW Hard ideas RL Count in 2 ways	RL Angle chasing YS Combin sums OA MS Farey seqs EC RMM 2017/6 LH Strategy	JM Number theory CL Romanian alg RL Cyclic quads EC USAMO 2013/3 PL Extrem combin MS Hard combo	PL Combin recap SR Cross ratio AZ Seq/series VW Diophant eq AB Weird geo YS Steepest descent	MS Size in NT TS Induction PL Extrem combin AZ Synth+comput VW Analytic NT SR Tame the cube	
	ZS Sequences SR Polynomials RL Count in 2 ways VW Stuff mod p^r EC Legend ineq AB Legend FE	YS Combin sums RL Angle chasing EC RMM 2017/6 TL VW Eq mod p , Weil LH Strategy	CL Romanian alg JM Number theory YS Smoothing EC SL 2013/N7 RL Collinear/concur PL Extrem combin	SR Combin philos PL Combin recap TS CL Romanian alg AB Weird geo AZ Seq/series	TS Induction MS Size in NT YS \mathbb{C} geometry VW Analytic NT AZ Synth+comput SR Tame the cube	
Two Sigma	Study	TSTST 1	Assembly	TSTST 2	Study	TSTST 3
	RL Seminar		SR Seminar		CL $1 + 2 + \dots = -\frac{1}{12}$	

Sun Jun 24	Mon Jun 25	Tue Jun 26	Wed Jun 27	Thu Jun 28	Fri Jun 29	Sat Jun 30
	YS Interpolation TS Invariants AZ Suff large p SR Tame the cube MS Size in NT ML Hyprplan arrng	CL Algeb integers SR Lift exponent ML Hyprplan arrng AZ Geom motifs PL Probab combin TS	Departure			
	TS Invariants YS Interpolation MS Size in NT SR Tame the cube AZ Suff large p YL Analysis bound	SR Lift exponent EC SL 2013/N7 YS Interpolation CL Algeb integers PL Probab combin AZ Geom motifs	Departure			
	Study	Beyond MOP				
	YS 0 know proof	Closing				