

Training for the Mathematical Olympiad in Maynooth University
January 2023 – May 2023

The following is the programme for Olympiad training in Maynooth University, in the period from January 2023 to May 2023. The classes will be held from 10 a.m. to 1 p.m. on the listed Saturdays, in person.

The provision of the advanced class depends on the number of “second time” participants, and it will be cancelled if too few people indicate their willingness to attend on a regular basis. Of course, no individual first- or second-timer should feel bound to attend every single class.

The personnel involved in 2023 are: Prof S. Buckley (SB); Laura Cabezas (LC); Dr G. Cleanthous (GC); P. Clifford (PC); Lughán Devenny (LD); Kevin Galligan (KG); Dr. Patrick Heslin (PH); Prof D. Malone (DM); Dr O. Mason (OM); Luke McEvoy (LM); Dr R.A. Moral (RAM); Prof A. O’Farrell (AOF); G. Palma (GP); R. Sparkes (RS); Dr M. Walsh (MW) and, hopefully, some other volunteers from time to time.

Date	Venue	10:00–10:50	10:50–11:40	12:10–1:00
14/01/22	Physics Hall MS2	Introduction (RAM/SB) Advanced class (DM)	Induction (SB) Advanced class (DM)	Induction (SB) Advanced class (DM)
21/01/22	Physics Hall MS2	Geometry (AOF) Advanced class (OM)	Geometry (AOF) Advanced class (OM)	Geometry (AOF) Advanced class (OM)
28/01/22	Physics Hall MS2	Number Theory (LM) Advanced class (SB)	Number Theory (LM) Advanced class (SB)	Number Theory (LM) Advanced class (SB)
04/02/22	Physics Hall MS2	Number Theory (PC) Advanced class (??)	Number Theory (PC) Advanced class (??)	Number Theory (PC) Advanced class (??)
11/02/22	Physics Hall MS2	Combinatorics (GP) Advanced class (MW)	Combinatorics (GP) Advanced class (MW)	Combinatorics (GP) Advanced class (MW)
25/02/22	Physics Hall MS2	Trigonometry (PH) EGMO Selection Test	Trigonometry (PH) EGMO Selection Test	Trigonometry (PH) EGMO Selection Test
04/03/22	Physics Hall MS2	Functional Eqns (OM) Advanced class (MW)	Functional Eqns (OM) Advanced class (MW)	Functional Eqns (OM) Advanced class (MW)
11/03/22	Physics Hall MS2	Inequalities (LC) Advanced class (PH)	Inequalities (LC) Advanced class (PH)	Inequalities (LC) Advanced class (PH)
25/03/22	Physics Hall MS2	Inequalities (LD) Advanced class (AOF)	Complex Numbers (LD) Advanced class (AOF)	Complex Numbers (LD) Advanced class (AOF)
01/04/22	Physics Hall MS2	Algebra (GC) Advanced class (DM)	Algebra (GC) Advanced class (DM)	Algebra (GC) Advanced class (DM)
22/04/22	MS2	Local contest	Local contest	Local contest
29/04/22	MS2	Common class (RAM/DM)	Common class (RAM/DM)	Common class (RAM/DM)
06/05/22	MS2	IrMO	IrMO	IrMO

The 36th Irish Mathematical Olympiad is currently scheduled to take place on Saturday 6th May 2023, from 10.00 to 13.00 and from 14.00 to 17.00 in Logic House, Maynooth University, and in other venues in Cork, Dublin, Galway and Limerick. The 64rd International Mathematical Olympiad will take place in Chiba, Japan, from 2th–13th July 2022.