

Training for the Mathematical Olympiad in Maynooth University
January 2018 – May 2018
UPDATED: March 15th, 2018

The following is the programme for Olympiad training in the National University of Ireland, Maynooth, in the period from January 2018 to May 2018. The classes will be held from 10 a.m. to 1 p.m. on the listed Saturdays in various locations given below: Callan Hall (CH) and Physics Hall (PH), both near the entrance to the South Campus; and classhall MS2, on the top floor of Logic House, South Campus. In so far as possible, the non-advanced classes scheduled for CH/PH will take place on the indicated days, and will be cancelled only in the event of a major problem such as a severe, prolonged, winter storm; but the order in which topics are covered, and the topic providers, are subject to change. 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, particularly on mornings with heavy frost or snow.

The personnel involved in 2018 are: Dr S. Bechtluft-Sachs (SBS); M. Bridges (MB); Prof S. Buckley (SB); Dr P. Clifford (PC); B. Collery (BC); Dr D. Malone (DM); Dr O. Mason (OM); Dr J. Murray (JM); Prof A. O’Farrell (AOF); Dr A. Ralph (AR); Dr D. Redmond (DR); 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
13/01/18	CH MS2	Introduction (OM)	Induction (OM) Advanced class (JM)	Induction (OM) Advanced class (JM)
20/01/18	CH MS2	Geometry (AOF) Advanced class (DM)	Geometry (AOF) Advanced class (DM)	Geometry (AOF) Advanced class (DM)
27/01/18	PH MS2	Number Theory (SBS) Advanced class (SB)	Number Theory (SBS) Advanced class (SB)	Number Theory (SBS) Advanced class (SB)
03/02/18	PH MS2	Number Theory (DR) Advanced class (DM)	Number Theory (DR) Advanced class (DM)	Number Theory (DR) Advanced class (DM)
17/02/18	PH MS2	Trigonometry (OM) Advanced class (PC)	Trigonometry (OM) Advanced class (PC)	Trigonometry (OM) Advanced class (PC)
24/02/18	PH MS2	Combinatorics (PC) Advanced class (SBS)	Combinatorics (PC) Advanced class (SBS)	Combinatorics (PC) Advanced class (SBS)
03/03/18 (CANCELLED)	PH MS2	Functional Eqns (JM) Advanced class (AOF)	Functional Eqns (JM) Advanced class (AOF)	Functional Eqns (JM) Advanced class (AOF)
10/03/18	PH	Training contest	Training contest	Training contest
07/04/18	PH	Functional Eqns (AOF)	Functional Eqns (AOF)	Functional Eqns (AOF)
14/04/18	PH MS2	Inequalities (MB) Advanced class (SB)	Inequalities (MB) Advanced class (SB)	Inequalities (MB) Advanced class (SB)
21/04/18	PH MS2	Inequalities (BC) Advanced class (DR)	Complex Numbers (BC) Advanced class (DR)	Complex Numbers (BC) Advanced class (DR)
28/04/18	PH MS2	Algebra (AR) Advanced class (MW)	Algebra (AR) Advanced class (MW)	Algebra (AR) Advanced class (MW)
12/05/18	MS2	IrMO	IrMO	IrMO
19/05/18	MS2	Common class (MW)	Common class (MW)	Common class (MW)

The 31st Irish Mathematical Olympiad is currently scheduled to take place on Saturday 12th May 2018, from 9.30 to 12.30 and from 14.00 to 17.00 in Logic House, Maynooth University, and in other venues in Cork, Dublin, Galway and Limerick. The 59th International Mathematical Olympiad will take place in Romania from 3rd–14th July 2018.