

**Training for the Mathematical Olympiad in NUI, Maynooth
December 2010 - May 2011**

The following is the programme for Olympiad training in the National University of Ireland, Maynooth, in the period from 4th December, 2010 to 16th April, 2011, inclusive. 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. Classes with the venue described below as CH/PH will take place in Callan Hall or in the Physics Hall, depending on numbers, and may eventually be moved to classhall MS2 in Logic House, but advance notice of such a change will be given. 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 2010-2011 are: S. Balagopalan (SoB); Dr S. Bechtluft-Sachs (SBS); Professor S. Buckley (SB); Dr P. Clifford (PC); Dr K. Domijan (KD); Dr D. Malone (DM); Dr J. Murray (JM); Professor A. O'Farrell (AOF); C. O'Rourke (COR); Dr L. Pforte (LP); Dr A. Ralph (AR); Dr D. Redmond (DR); Dr R. Watson; and, hopefully, some other volunteers from time to time.

Date	Venue	10:00-10.50	10:50-11.40	12.10-1.00
*04/12/10	CH	CANCELLED	Induction (SB)	Inequalities (SB)
	MS2	CANCELLED	Advanced class (JM)	Advanced class (JM)
11/12/10	CH/PH	Number Theory (AR)	Number Theory (AR)	Combinatorics (KD)
	MS2	Advanced class (JM)	Advanced class (JM)	Advanced class (JM)
*29/01/11	PH	Geometry (COR)	Geometry (COR)	Geometry (COR)
	MS2	Advanced class (DM)	Advanced class (DM)	Advanced class (DM)
05/02/11	PH	Number Theory (DR)	Number Theory (DR)	Inequalities (AR)
	MS2	Advanced class (SBS)	Advanced class (SBS)	Advanced class (SBS)
12/02/11	PH	Trigonometry (AOF)	Trigonometry (AOF)	Trigonometry (AOF)
	MS2	Advanced class (DM)	Advanced class (DM)	Advanced class (DM)
19/02/11	CH	Complex Numbers (JM)	Complex Numbers (JM)	Inequalities (JM)
	MS2	Advanced class (PC)	Advanced class (PC)	Advanced class (PC)
*26/02/11	PH	Geometry (SBS)	Geometry (SBS)	Geometry (SBS)
	MS2	Advanced class (JM)	Advanced class (JM)	Advanced class (JM)
05/03/11	PH	Combinatorics (KD)	Combinatorics (KD)	Combinatorics (KD)
	MS2	Advanced class (LP)	Advanced class (LP)	Advanced class (LP)
12/03/11	PH	Training contest	Training contest	Training contest
26/03/11	PH	Functional Eqns (PC)	Functional Eqns (PC)	Functional Eqns (PC)
	MS1	Advanced class (SB)	Advanced class (SB)	Advanced class (SB)
02/04/11	PH	Number Theory (DR)	Number Theory (DR)	Number Theory (DR)
	MS1	Advanced class (SoB)	Advanced class (SoB)	Advanced class (SoB)
09/04/11	MS1	Common class (AOF)	Common class (AOF)	Common class (AOF)
16/04/11	PH	Common class (SB)	Common class (SB)	Common class (SB)
			PRIZE GIVING 11.40 – 12.10	

***PUGIN IS UNAVAILABLE FOR COFFEE SO IT WILL BE HELD IN LOGIC HOUSE, GROUND FLOOR FOYER**

The 23rd Irish Mathematical Olympiad will be held on Saturday 7th May 2011, from 9.30 to 12.30 and from 14.00 to 17.00 in **MATHS HALL**, Logic House, NUI Maynooth, and in other venues in Cork, Dublin, Galway and Limerick. The 52nd International Mathematical Olympiad will take place in Amsterdam, Netherlands from 16 to 24 July 2011.