



International Mathematics Olympiad Training 2019-20 (Phase III) Level I (MATS2133)

Introduction

- A comprehensive mathematics programme which covers such as Algebra, Number Theory, Geometry and Combinatorics
- Introduce the basic curriculum of the International Mathematics Olympiad competition
- Broaden student's mathematical knowledge, strengthen their problem solving, higher order and logical thinking skills
- Training consists of 3 Phases: Phase I (July – August), Phase II (Sept – Dec) and Phase III (Jan – Mar 2020)
- Students with outstanding performance in the programme would be selected as the representatives of Hong Kong in the 61st IMO 2020 held in Russian Federation

The International Mathematical Olympiad Training programmes are co-organized with International Mathematical Olympiad Hong Kong Committee (IMOHKC)

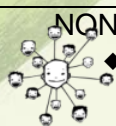
Programme Type / Level

Advanced Course in Mathematical Olympiad ([Token-required](#))

Instructor(s)

Dr Leung Tat Wing and other trainers

Target Participants



NQN-HKAGE Student members who

- ◆ were awarded **Honourable Mention or above in IMO Preliminary Selection Contest – Hong Kong**

HKAGE Student members who

- ◆ were awarded **Honourable Mention or above in IMO Preliminary Selection Contest – Hong Kong** *or*
- ◆ have been a trainee in any phase of International Mathematics Olympiad (IMO) Training *or*
- ◆ have completed any Phase of CGMO *or*
- ◆ have completed any Phase of ITOM training with Distinction

➤ Class size: 25

Medium of Instruction



Cantonese with English handouts

Certificate



E-Certificate will be awarded to participants who have:

- ❖ Attended **at least 7 sessions AND**
- ❖ **Satisfactory performance in ALL assessments**

Intended Learning Outcomes



Upon completion of the programme, participants should be able to:

1. Broaden their mathematical knowledge in a variety of areas on the basis of senior secondary mathematics curriculum;
2. Strengthen their problem solving and higher-order thinking skills.

Application Deadline

27 Dec 2019 12 n.n.

Application Result Release Date

3 Jan 2020

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

Schedule



Session	Date	Time	Topic	Instructor	Venue
1	11 Jan 2020	2:00 p.m. – 5:00 p.m.	Problem Session	T W Leung	Rm 303 HKAGE
2	18 Jan		Geometry V (Exploring Triangles)	K K Kwok	
	2 Feb [Cancelled]	9:00 a.m. – 1:30 p.m.	(Extra) Selection Test 2.1	T W Leung	Rm 105 HKAGE
	8 Feb [Cancelled]	2:00 p.m. – 5:00 p.m.	Harder Sequences and Series	C M Hung	Rm 122 HKPC
	9 Feb [Cancelled]	9:00 a.m. – 1:30 p.m.	(Extra) Selection Test 2.2	T W Leung	Rm 105 HKAGE
	15 Feb [Cancelled]		Advanced Number Theory Concepts	L T Chan	
	22 Feb [Cancelled]	2:00 p.m. – 5:00 p.m.	Geometry VI (Inversion)	K K Kwok	Rm 122 HKPC
	29 Feb [Cancelled]		Geometry VII (Coordinate Geometry)		
	8 Mar [Cancelled]	9:00 a.m. – 1:30 p.m.	(Extra) Selection Test 2.1	T W Leung	Rm 105 HKAGE
	10 Mar [Cancelled]	9:00 a.m. – 1:00 p.m.	APMO		
3	29 Mar 30 Apr [Make-up]	9:00 a.m. – 1:30 p.m.	Selection Test	T W Leung	Rm 105 HKAGE
4	5 Apr 1 May [Make-up]	9:00 a.m. – 1:30 p.m.	Selection Test		

Remarks:

Students **MUST ATTEND** the **Selection Tests** held on **30 Apr** and **1 May 2020** respectively.

No make-up test will be arranged.

Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".