



# International Mathematics Olympiad Training 2019-20 (Phase III) Level 2 (MATS3136)

- 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 61<sup>st</sup> 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**
- NON-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: 20

**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.	IMO Shortlist Problems I	T W Ching	Rm 204 HKAGE
2	18 Jan		Problem Session	T W Leung	
	<del>2-Feb</del> [Cancelled]	<del>9:00 a.m. – 4:30 p.m.</del>	<del>(Extra) Selection – Test 2.1</del>	<del>T W Leung</del>	<del>Rm 105 HKAGE</del>
	<del>8-Feb</del> [Cancelled]	<del>2:00 p.m. – 5:00 p.m.</del>	<del>IMO Shortlist – Problems II</del>	<del>Mandy – Kwok</del>	<del>Rm 106 HKPC</del>
	<del>9-Feb</del> [Cancelled]	<del>9:00 a.m. – 4:30 p.m.</del>	<del>(Extra) Selection – Test 2.2</del>	<del>T W Leung</del>	<del>Rm 105 HKAGE</del>
	<del>15-Feb</del> [Cancelled]	<del>2:00 p.m. – 5:00 p.m.</del>	<del>IMO Shortlist – Problems III</del>	<del>Samuel – Lee</del>	<del>Rm 106 HKPC</del>
	<del>22-Feb</del> [Cancelled]	<del>2:00 p.m. – 5:00 p.m.</del>	<del>IMO Shortlist – Problems II</del>	<del>C J Lam</del>	
	<del>29-Feb</del> [Cancelled]	<del>2:00 p.m. – 5:00 p.m.</del>	<del>Miscellaneous – Problem Session</del>	T W Leung	<del>Rm 102 HKPC</del>
	<del>8-Mar</del> [Cancelled]	<del>9:00 a.m. – 4:30 p.m.</del>	<del>(Extra) Selection – Test 2.1</del>		<del>Rm 105 HKAGE</del>
	<del>10-Mar</del> [Cancelled]	<del>9:00 a.m. – 4:00 p.m.</del>	<del>APMO</del>		
3	<del>29-Mar</del> <del>30-Apr</del> [Make-up]	9:00 a.m. – 1:30 p.m.	Selection Test	T W Leung	Rm 105 HKAGE
4	<del>5-Apr</del> <del>1-May</del> [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".