



# International Mathematics Olympiad Training 2021-22 (Phase II) Level I or 2 (E3IMO004C/ E3IMO005C)

- 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 2022)
  - Students with outstanding performance in the programme would be selected as the representatives of Hong Kong in the 63<sup>rd</sup> IMO 2022 in Oman

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: 60

**Medium of Instruction** Cantonese with English handouts

**Certificate** **E-Certificate** will be awarded to participants who have:

- ❖ Attended **at least 11 sessions including the last session 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** **8-Sep-2021**  
**10 Sep 2021**  
**12:00 n.n.**

**Application Result Release Date** **13 Sep 2021**

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

## Schedule

Session	Date	Time	Venue (HKAGE)	
			Level 1	Level 2
1	18 Sep 2021	2:00 p.m. – 5:00 p.m.	Room 303	Room 204
2	25 Sep		Room 403	
3	2 Oct		Room 303	
4	<del>9 Oct</del> (Postponed)	<del>2:00 p.m. – 5:00 p.m.</del> (Postponed)	<del>Room 303</del> (Postponed)	<del>Room 204</del> (Postponed)
5	16 Oct	2:00 p.m. – 5:00 p.m.	Room 303	Room 204
6	<b>23 Oct</b>	2:00 p.m. – 5:00 p.m.	Room 105	
7	30 Oct	2:00 p.m. – 5:00 p.m.	Room 303	Room 204
<b>8</b>	<b>5 Nov</b>	<del>12:00 p.m. – 5:00 p.m.</del> <b>12:00 p.m. – 4:00 p.m. / 4:30 p.m.<sup>3</sup></b>	<b>Room 105</b>	
9	6 Nov	2:00 p.m. – 5:00 p.m.	Room 303	Room 204
10	13 Nov			
11	20 Nov			
12	27 Nov			
13	<b>4 Dec</b>		Room 105	
14	11 Dec		Room 303	Room 204
15	18 Dec		Room 303	Room 204
<b>Make-up</b>	<b>22 Dec</b>		<b>Room 203</b>	<b>Room 204</b>

Remarks: 奧林匹克數學深造課程：國際數學奧林匹克訓練 2021-22（第二期）基礎班或進階班 (E3IMO004C/ E3IMO005C)

- Students **MUST ATTEND** the tests held on **23 Oct, 4 Dec 2021**. No make-up test will be arranged.
- Students are encouraged to participate in the Iranian Geometry Olympiad held on **5 Nov 2021**.
- The end time of Iranian Geometry Olympiad held on 5 Nov 2021 is different according to students' class level. For S1-S2 students, ends at 4:00 p.m.; For S4-S6 students, ends at 4:30 p.m.**
- Students will be **notified through email which level they belong to** before 13 Sep 2021.

## Enquiries

For enquiries, please contact us on 3940 0101.