

# The 39th International Mathematical Olympiad

by *Chua Seng Kiat* ■

## Introduction

The 39th International Mathematical Olympiad was held in Taipei, Taiwan from 10 to 21 July 1998. 419 contestants from 76 countries participated in the 39th IMO. The Singapore National Team to the 39th IMO consisted of the following:

Team Leader	:	Dr. Chua Seng Kiat	(National University of Singapore)
Deputy Leader	:	Mr. Lee Mun Yew	(Raffles Junior College)
Contestants	:	He Ruimin	(Raffles Junior College)
		Huah Cheng Jiann	(Victoria Junior College)
		Li Hong Yi	(Raffles Junior College)
		Lim Yee Fun	(Victoria Junior College)
		Lin Shaowei	(Raffles Junior College)
		Yeo Keng Hee	(Hwa Chong Junior College)

	1	2	3	4	5	6	Total	Award
Huah Cheng Jiann	7	7	2	7	7	0	30	Silver Medal
Yeo Keng Hee	7	1	2	7	5	0	22	Bronze Medal
He Ruimin	3	7	2	4	2	0	18	Bronze Medal
Lin Shaowei	2	0	2	7	7	0	18	Bronze Medal
Li Hong Yi	2	7	2	2	0	0	13	Honourable Mention
Lim Yee Fun	0	0	2	7	0	0	9	Honourable Mention
<b>TOTAL</b>							110	

Unofficially, Singapore ranked 22 among the 76 participating countries.

## Program

From July 11 to July 13, six problems were selected for the 39th IMO competition from 28 short-listed problems by the Jury, which is made up by all the term leaders. This selection was done through a voting process. When the English version of the six problems were finalized, it was translated into 48 other languages. The Jury approved all these versions in the afternoon of July 13. The test questions together with the solutions of the 39th IMO are included in the Competition corner of this issue.

The opening ceremony was held on July 14 at Taipei International Convention Center from 10.30 AM to 12.30 PM. The first paper of the competition was tested on July 15 and the second paper was tested on the following day. Both tests started at 9.00 AM and ended at 1.30 PM. The answer scripts were then given to the term leaders and deputy leaders for marking. Coordination of the papers was done over the next two days, from July 17 to July 18.

The Jury met on the afternoon of July 19 to decide on the cut-off points for medals. They are as follows.

Gold	31 - 42 points
Silver	24 - 30 points
Bronze	14 - 23 points

The closing ceremony was held on July 20 at Dr. Sun Yat-sen Memorial Hall from 2.30 PM to 5.30 PM. A total of 37 gold medals, 66 silver medals and 102 bronze medals were awarded at the closing ceremony.