THE 42nd
INTERNATIONAL MATHEMATICAL OLYMPIAD
1-14 JULY, 2001, WASHINGTON DC, USA

a report by **Tay Tiong Seng**

The 42nd International mathematical Olympiad was held in Washington DC, USA from 1 to 14 July 2001. A total of 475 contestants from 83 countries or regions participated in this IMO. The Singapore National Team to the 42nd International Mathematical Olympiad consisted of the following:

Team Leader:	Dr. Tay Tiong Seng	(National University of Singapore)
Deputy Leader:	Mr. Teo Teck Kian Thomas	(Victoria Junior College)
Contestants:	Leung Ngai Hang Zachary	(Anglo Chinese School (I))
	Lin Zhiwei Calvin	(Hwa Chong Junior College)
	Meng Dazhe	(River Valley High School)
	Tan Kiat Chuan	(Raffles Junior College)
	Tham Ming Qiang Nicholas	(Raffles Junior College)
	Yeh Yuan Long Gary	(Anglo Chinese Junior College)

Singapore Team Results:

Tan Kiat Chuan	Silver
Lin Zhiwei Calvin	Bronze
Meng Dazhe	Bronze
Tham Ming Qiang Nicholas	Bronze
Yeh Yuanlong Gary	Bronze

Unoffically the team ranked 29.

The Programme

After several days of deliberation, the Jury, consisting of team leaders of all the participating teams, chose 6 problems for the contest. The six problems and the contributing countries are:

Problem 1 (Korea): geometry; Problem 2 (Korea): inequality; Problem 3 (Germany): combinatorics; Problem 4 (Canada): combinatorics; Problem 5 (Israel): geometry; Problem 6 (Bulgaria): number theory.

The contest itself was held over two days on 8 and 9 July. On each day, contestants were given 4.5 hours to solve 3 problems. The team leader and the deputy for each country then graded the scripts of their contestants and the final score was then determined after coordination.

The cut-off scores for medals were decided at the final Jury meeting held on 11 July. They were:

Gold: 30-42   **Silver: 20-29**   **Bronze: 11-19**

A total of 39 gold, 81 silver and 112 bronze medals were awarded at the closing ceremony held at the John F Kennedy center on 13 July.