

ABOUT 2004 HANG LUNG MATHEMATICS AWARDS

I. Participation

In the 2004 HLMA, over 400 students and 60 teachers registered, representing more than 110 teams from over 60 schools. Among them, 53 teams submitted research reports.

II. Winners

Gold Award

Team Member: Edward Sin Tsun Fan
Teacher: Ms. Fei Wong
School: Sha Tin Government Secondary School
Topic: Marked Ruler as a Tool for Geometric Constructions -
from angle trisection to n-sided polygon

Silver Award

Team Members: Fan Fan Lam, Ho Fung Tang, Ho Yin Poon,
Lok Hin Yim, Yiu Tak Wong
Teacher: Mr. Wai Man Chu
School: Munsang College (Hong Kong Island)
Topic: Further Investigation on Buffon's needle problem

Bronze Award

Team Members: Ting Fai Man, Hoi Kwan Lau, Shek Yeung, Man Kit Ho
Teacher: Ms. Fei Wong
School: Sha Tin Government Secondary School
Topic: Ghost Leg

Honorable Mentions (listed by school name in alphabetical order)

1. Team Members: Hing Ming Chan, Wilson Sze Ngo Chan,
Kok Leung Fung, Ho Ko, Man Kin Leung
Teacher: Mr. Wing Kwong Wong
School: Hong Kong Chinese Women's Club College
Topic: Best Positions for Installing Lifts in a Shopping Mall

2. Team Members: Yuk Hing Chiu, Man Wai Ho, Hoi Yin Hui, Yu Hang Lee
Teacher: Mr. Lap Foo Chu
School: S.K.H Lam Woo Memorial Secondary School
Topic: Deconstructing Kafka

3. Team Members: Chit Ma, Ho Man Lam, Wing Hei Kwok,
Kai Chung Wan, Shun Yip
Teacher: Mr. Chi Keung Lai
School: Shatin Pui Ying College
Topic: The Product of Consecutive Integers is Never a Square

4. Team Members: Wang Hei Ku, Hou Chen Lee, Wai Hung Chan,
Tak San Fong, Hoi Cheung Cheung
Teacher: Mr. Chi Hin Lau
School: Shatin Tsung Tsin Secondary School
Topic: Illumination Problem

III. Committees and Panel (affiliations at the time of the Awards)

Scientific Committee

The Scientific Committee is the academic and adjudicating body of the Hang Lung Mathematics Awards and comprises world renowned mathematicians. It oversees the whole process of assessment, including reviewing the research project reports and conducting the oral defense. The committee upholds the academic integrity and high standard of the mathematics research competition as well as the awards.

Chair: Professor Shing-Tung Yau, 1982 Fields Medalist; Harvard University and
The Chinese University of Hong Kong
Professor Tony F. Chan, University of California, Los Angeles
Professor Shiu-Yuen Cheng, The Hong Kong University of Science and Technology
Professor John H. Coates, University of Cambridge
Professor Ravi S. Kulkarni, Harish-Chandra Research Institute
Professor Ka-Sing Lau, The Chinese University of Hong Kong
Professor Jun Li, Stanford University
Professor Chang-Shou Lin, National Chung Cheng University
Professor Ngaiming Mok, The University of Hong Kong
Professor John Morgan, Columbia University
Professor Duong H. Phong, Columbia University
Professor Daniel Stroock, Massachusetts Institute of Technology
Professor Tom Wan, The Chinese University of Hong Kong
Professor Lo Yang, Chinese Academy of Sciences
Professor Andrew Chi-Chih Yao, Tsinghua University

Screening Panel

The Screening Panel is a subcommittee of the Scientific Committee. It handles the initial screening of each report, supervises the external review process, and serves as a bridge between all referees and members of the Scientific Committee.

Chair: Professor Tom Wan, The Chinese University of Hong Kong
Professor Wing Sum Cheung, The University of Hong Kong
Professor Conan Leung, The Chinese University of Hong Kong

Steering Committee

The Steering Committee comprises mathematicians and leaders from different sectors of the society and serves as an advisory body that oversees the operation of the competition.

Chair: Professor Shing-Tung Yau, 1982 Fields Medalist; Harvard University and
The Chinese University of Hong Kong
Professor Thomas Au, The Chinese University of Hong Kong
Professor Shiu-Yuen Cheng, The Hong Kong University of Science and Technology
Mr. Bankee Kwan, Celestial Asia Securities Holdings Limited
Professor Ka-Sing Lau, The Chinese University of Hong Kong
Mr. Siu Leung Ma, Fung Kai Public School
Mr. Chun Kau Poon, St. Paul's Co-educational College
Professor Man Keung Siu, The University of Hong Kong
Ms. Susan Wong, Hang Lung Properties Limited
Professor Hung-Hsi Wu, University of California, Berkeley
Professor Lo Yang, Chinese Academy of Sciences
Mr. Chee Tim Yip, Pui Ching Middle School

Executive Committee

The Executive Committee is a subcommittee of the Steering Committee. It is in charge of the administration, promotion, team registration, communication, and organization of events including the oral defense.

Chair: Professor Thomas Au, The Chinese University of Hong Kong
Dr. Ka-Luen Cheung, The Chinese University of Hong Kong
Dr. Leung-Fu Cheung, The Chinese University of Hong Kong
Secretariat: Ms. Serena Wing Hang Yip, The Chinese University of Hong Kong