
Hang Lung Mathematics Awards

Hang Lung Mathematics Awards is a biennial mathematics research competition that inspires secondary school students in Hong Kong to achieve excellence in mathematics through original thinking, rigorous scholarship, and creative problem-solving.

A close collaboration between Hang Lung Properties and The Hong Kong University of Science and Technology, and supported by many leading universities in Hong Kong, HLMA honors those who push the boundaries of knowledge while upholding the highest standards of academic rigor and integrity. Since 2004, it has played a pivotal role in nurturing Hong Kong's brightest mathematical minds, propelling many towards fulfilling journeys at universities and beyond, where they make meaningful contributions to society and spearhead innovations across diverse fields including academia, industry, and the broader community.

HLMA has two key committees. The Scientific Committee, chaired by 2017 Wolf Prize laureate Professor Richard Schoen and comprises renowned mathematicians from around the world, upholds the highest standards of academic rigor and integrity. The Steering Committee, chaired by 2022 Future Science Prize laureate Professor Ngaiming Mok, serves as the advisory body and provides support, guidance and oversight, and includes leaders from academia and experts in various professional sectors.

Schools form teams of up to five students supervised by a teacher. Each team selects a mathematics topic, conducts research, and submits a detailed research report. The Scientific Committee rigorously evaluates these reports through a multi-stage review akin to academic publishing. Selected teams then present their research at an oral defense modeled on doctoral dissertation defenses, involving public presentation and in-depth questioning. Winners are announced at an awards ceremony the following day.

Hang Lung Properties contributes HK\$2.5 million to each competition, with HK\$1 million allocated for monetary prizes, and HK\$1.5 million supporting academic consultancy, meticulous assessment process, and mathematics education promotion.

About 100 teams from over 50 secondary schools in Hong Kong participated in the 2025 HLMA. Up to eight awards are presented at each competition, including one Gold Award, one Silver Award, one Bronze Award, and up to five Honorable Mentions. Each award is a recognition of excellence and has four components: a Student Education Award for team members' university studies; a Teacher Leadership Award for the supervising teacher; a School Development Award for the winning school; and an Educator Scholarship for a teacher nominated by the winning school to pursue a Master of Science Program in Mathematics for Educators at The Hong Kong University of Science and Technology.

Besides monetary prizes, each winning student and teacher receives a crystal trophy and certificate, while each winning school is awarded a crystal trophy. The crystal trophy features an Einstein-Rosen bridge, or “wormhole”, symbolizing a theoretical connection between spacetime regions. It plays a prominent role in mathematics and physics, with implications for geometry, gravity, information, and quantum physics.

Participating students who have submitted a research report that meets a reasonable academic standard will receive a certificate of participation.

To learn more about HLMA, please visit our website and follow us on Facebook and Instagram.

