

# Hong Kong Physics Olympiad 2020

## Introduction

### The Hong Kong Physics Olympiad (HKPhO) 2020

The HKPhO has been organised since 2003 to promote physics education in Hong Kong and provide an enhancement platform for students with high potential in physics. The Hong Kong Academy for Gifted Education (HKAGE) began its operation in 2008 with an aim to strengthen the nurturing of and support to exceptionally gifted students. Since 2008, The HKAGE has become one of the organisers of the HKPhO coordinating the contest. The HKPhO is co-organised by the Hong Kong Academy for Gifted Education, the Education Bureau and the Hong Kong University of Science & Technology. The Physical Society of Hong Kong and the Hong Kong Physics Olympiad Committee are advisors of the competition.

Apart from the HKPhO, HKAGE has commissioned the Hong Kong University of Science and Technology to conduct the follow-on enhancement programmes for the high-achieving students. Five students with outstanding performance in the follow-on training sessions will be selected to represent Hong Kong to take part in the International Physics Olympiad (IPhO). Besides, trainers of the Physics enhancement programmes have developed the *“Physics Enhancement Programme – Student Self-learning Booklet”*. The booklet can be found on the HKAGE website for reference.

### The International Physics Olympiad (IPhO)

The IPhO is a renowned international Physics competition for secondary school students. It was first held in Warsaw, Poland in 1967. The IPhO, an annual Physics contest hosted by different organising countries, is held in recognition of the growing significance of physics in all fields of science and technology. It also aims at enhancing the international exchange of teaching of physics. Each participating country/region may send a team of five students for the competition in which the brilliant students are challenged not only by theoretical problems, but also experimental ones.

The EDB sent a delegate of five to participate for the first time in the 35<sup>th</sup> IPhO held in South Korea in 2004. The Hong Kong team won one gold, one silver, one bronze medal, an honourable mention and the “President’s Award” at the competition. The Hong Kong team has been performing consistently well, winning a total of 15 golds, 33 silvers, 23 bronzes and 3 honourable mentions in the past fourteen years.